

ภาคผนวกที่ 1

เอกสารประกอบการปฏิบัติตามมาตรการป้องกัน และแก้ไขผลกระทบสิ่งแวดล้อม

- 1) สำเนาหนังสือเห็นชอบ หนังสือเห็นชอบการขอเปลี่ยนแปลงรายละเอียดโครงการ โครงการโรงงานผลิตน้ำมันหล่อลื่นพื้นฐาน ครั้งที่ 1 เลขที่ ทส 1009.9/6083 ลงวันที่ 25 มิถุนายน 2555
- 2) หนังสือเห็นชอบการขอเปลี่ยนแปลงรายละเอียดโครงการ โครงการโรงงานผลิตน้ำมันหล่อลื่นพื้นฐาน ครั้งที่ 2 เลขที่ ทส 1010.8/6091 ลงวันที่ 2 เมษายน 2562
- 3) เอกสารแจ้งหยุดเดินเครื่องจักรเพื่อดำเนินการซ่อมบำรุงเครื่องจักรและอุปกรณ์ประจำปี 2565
- 4) สำเนาหนังสือนำส่งรายงานผลการปฏิบัติตามมาตรการฯ ระหว่างเดือนกรกฎาคม-ธันวาคม 2564
- 5) เอกสารผลการศึกษา HAZOP ของโครงการ และการนำเสนอตัวอย่างกรณีที่เกิดผลกระทบสูงสุด พร้อมแสดง P&ID
- 6) เอกสารทบทวนเหตุการณ์อุบัติภัย/อุบัติเหตุที่เกิดขึ้นจากการประกอบกิจการอุตสาหกรรม
- 7) เอกสารการสืบค้นฐานข้อมูลสุขภาพพนักงาน
- 8) เอกสารปริมาณกำมะถันในน้ำมันเตา
- 9) เอกสารปริมาณกำมะถันในถ่านหิน
- 10) เอกสาร Preventive Maintenance Program ประจำปี 2565
- 11) เอกสารอนุญาตให้โรงงานมีบุคลากรด้านสิ่งแวดล้อมประจำโรงงาน
- 12) เอกสารแบบรายงานการตรวจวัดการรั่วซึมของสารอินทรีย์ระเหยง่าย ระหว่างเดือนมกราคม-มิถุนายน 2565
- 13) เอกสารแผนการเฝ้าระวังในพื้นที่ปฏิบัติงานโดยรอบพื้นที่โครงการ โดยใช้เครื่องมือตรวจวัดสารอินทรีย์ระเหย ทำการตรวจวัดและบันทึกผลที่ได้ในแบบฟอร์มการตรวจวัด VOCs
- 14) เอกสาร Noise Contour
- 15) เอกสารโครงการปลูกป่าเป็นแนวกันชนโดยรอบเขตประกอบการ
- 16) เอกสารการอบรมพนักงานขับรถและพนักงานที่ปฏิบัติงานด้านการขนถ่ายด้านความปลอดภัย ก่อนเข้าทำงาน
- 17) เอกสารตรวจสอบและซ่อมบำรุงยานพาหนะ ระหว่างเดือนมกราคม-มิถุนายน 2565
- 18) เอกสารตารางการใช้ท่าเทียบเรือของบริษัท ไออาร์พีซี จำกัด (มหาชน)
- 19) เอกสารใบเสร็จค่ากำจัดขยะมูลฝอย ระหว่างเดือนมกราคม-มิถุนายน 2565
- 20) เอกสารอนุญาตนำสิ่งปฏิกูลหรือวัสดุที่ไม่ใช้แล้วออกนอกบริเวณโรงงานและใบกำจัดกาจัดการขนส่ง (Manifest) ระหว่างเดือนมกราคม-มิถุนายน 2565

ภาคผนวกที่ 1

เอกสารประกอบการปฏิบัติตามมาตรการป้องกัน และแก้ไขผลกระทบสิ่งแวดล้อม (ต่อ)

- 21) เอกสารการประชาสัมพันธ์ การรับสมัครพนักงานก่อนเข้าทำงาน
- 22) เอกสารการประชาสัมพันธ์ และสนับสนุนกิจกรรมชุมชน
- 23) เอกสารแผนผังขั้นตอนการรับเรื่องร้องเรียน
- 24) เอกสารรายละเอียดพื้นที่สีเขียวบริเวณโครงการ
- 25) เอกสารแต่งตั้งคณะกรรมการความปลอดภัย อาชีวอนามัย และสภาพแวดล้อมในการทำงาน
- 26) เอกสารนโยบายคุณภาพความปลอดภัย อาชีวอนามัย และสิ่งแวดล้อม
- 27) เอกสารแผนการซ้อมป้องกันและระงับอัคคีภัย ประจำปี 2565
- 28) เอกสารแผนการฝึกอบรมพนักงาน ระหว่างเดือนมกราคม-มิถุนายน 2565
- 29) เอกสารการจัดกิจกรรมส่งเสริมความปลอดภัย
- 30) เอกสารการจัดทำการประเมินความเสี่ยง Jobsafety Analysis
- 31) เอกสารแผนปฏิบัติการฉุกเฉินของโครงการและเขตประกอบการฯ
- 32) เอกสารตรวจสอบประสิทธิภาพในการทำงานของอุปกรณ์เตือน-ชีวิต Record, Check และ Alarm
- 33) เอกสาร Traffic Regulation
- 34) ตัวอย่างเอกสาร Work Permit
- 35) เอกสารการจัดทำและปรับปรุง Safety Regulation
- 36) เอกสารการติดตั้งระบบ Interlock System ควบคุมการจ่ายสารเข้าสู่ระบบ
- 37) เอกสาร Jetty Regulation
- 38) เอกสารรายงานผลการตรวจเช็คความปลอดภัยระหว่างเรือ/ท่าเรือ
- 39) เอกสารรายละเอียดเกี่ยวกับ MSDS (Material Safety Data Sheet)
- 40) หนังสือนำเสนอรายงานการวิเคราะห์ความเสี่ยงจากอันตรายที่เกิดจากการประกอบกิจการโรงงาน
- 41) แผนการตรวจสอบสุขภาพพนักงาน ประจำปี 2565
- 42) เอกสารสรุปสถิติอุบัติเหตุ ระหว่างเดือนมกราคม-มิถุนายน 2565
- 43) เอกสารแผนการจัดทำ Internal Auditing ประจำปี 2565
- 44) เอกสารสรุปบันทึกข้อร้องเรียน ระหว่างเดือนมกราคม-มิถุนายน 2565
- 45) แผนการสำรวจความคิดเห็นของประชาชนและหน่วยงานราชการ ประจำปี 2565
- 46) เอกสาร Green Turnaround

เอกสารแนบที่ 1

**หนังสือเห็นชอบการขอเปลี่ยนแปลงรายละเอียดโครงการ
โครงการโรงงานผลิตน้ำมันหล่อลื่นพื้นฐาน ครั้งที่ 1
เลขที่ ทส 1009.9/6083 ลงวันที่ 25 มิถุนายน 2555**



ที่ พส 1009/9/ 6082

สำนักงานนโยบายและแผน

ทรัพยากรธรรมชาติและสิ่งแวดล้อม

60/1 ขอยพิพลา 7 ถนนพระรามที่ 6

กรุงเทพฯ 10400

25 มิถุนายน 2555

เรื่อง ผลการพิจารณาการเปลี่ยนแปลงรายละเอียดโครงการในรายงานการวิเคราะห์ผลกระทบ

สิ่งแวดล้อม โครงการโรงงานผลิตน้ำมันหล่อลื่นพื้นฐาน ครั้งที่ 1 ของบริษัท ไออาร์พีซี จำกัด (มหาชน)

เรียน อธิบดีกรมโรงงานอุตสาหกรรม

อ้างถึง หนังสือสำนักงานนโยบายและแผนทรัพยากรธรรมชาติและสิ่งแวดล้อม ที่ พส 1009/9/3977

ลงวันที่ 30 เมษายน 2555

สิ่งที่ส่งมาด้วย 1. สำนักงานสีเขียว บริษัท เทสโก้ จำกัด ที่ TES 105-ENV/55 ลงวันที่ 16 พฤษภาคม 2555

2. มาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อมและมาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อมโรงงานผลิตน้ำมันหล่อลื่นพื้นฐาน (ภายหลังการเปลี่ยนแปลงรายละเอียด

โครงการในรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม โครงการโรงงานผลิตน้ำมันหล่อลื่นพื้นฐาน ครั้งที่ 1) ตั้งอยู่ในเขตประกอบการอุตสาหกรรมไออาร์พีซี ตำบลเชิงเนิน อำเภอเมืองระยอง จังหวัดระยอง ที่บริษัท ไออาร์พีซี จำกัด (มหาชน) ต่อยึดถือปฏิบัติ

ตนหนังสือที่อ้างถึง สำนักงานนโยบายและแผนทรัพยากรธรรมชาติและสิ่งแวดล้อม ได้แจ้งผลการพิจารณาการเปลี่ยนแปลงรายละเอียดโครงการในรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม โครงการโรงงานผลิตน้ำมันหล่อลื่นพื้นฐาน ครั้งที่ 1 ของบริษัท ไออาร์พีซี จำกัด (มหาชน) ตั้งอยู่ในเขตประกอบการอุตสาหกรรมไออาร์พีซี ตำบลเชิงเนิน อำเภอเมืองระยอง จังหวัดระยอง จัดทำรายงานโดยบริษัท เทสโก้ จำกัด ซึ่งคณะกรรมการผู้ชำนาญการพิจารณาการวิเคราะห์ผลกระทบสิ่งแวดล้อมตำบลอุตสาหกรรมกลั่นน้ำมันปิโตรเลียม ปีโดมเคมี และแยกย่อยแปรสภาพก๊าซธรรมชาติ ในการประชุมครั้งที่ 9/2555 เมื่อวันที่ 5 เมษายน 2555 มีมติไม่ให้ความเห็นชอบรายงานฯ ต่อมาบริษัท เทสโก้ จำกัด ซึ่งได้รับมอบอำนาจให้จัดทำรายงานข้อมูลเพิ่มเติมและเสนอให้สำนักงาน ดำเนินการตามขั้นตอนการพิจารณาโรงงาน รายละเอียดดัดแปลงด้วย 1

สำนักงานนโยบายและแผนทรัพยากรธรรมชาติและสิ่งแวดล้อม ได้พิจารณาเรียงดังกล่าวเบื้องต้นและนำเสนอต่อคณะกรรมการผู้ชำนาญการพิจารณาการวิเคราะห์ผลกระทบสิ่งแวดล้อมด้านอุตสาหกรรมกลั่นน้ำมัน ปิโตรเคมี และแยกหรือแปรสภาพก๊าซธรรมชาติ ในการประชุมครั้งที่ 13/2555...

13/2555 เมื่อวันที่ 24 พฤษภาคม 2555 ซึ่งคณะกรรมการผู้ชำนาญการฯ มีมติให้ความเห็นชอบรายงานการเปลี่ยนแปลงรายละเอียดโครงการในรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม โครงการโรงงานผลิตน้ำมันหล่อลื่นพื้นฐาน ครั้งที่ 1 ของบริษัท ไออาร์พีซี จำกัด (มหาชน) ตั้งอยู่ในเขตประกอบการอุตสาหกรรมไออาร์พีซี ตำบลเชิงเนิน อำเภอเมืองระยอง จังหวัดระยอง โดยให้บริษัทฯ ยึดถือและปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม และมาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อมที่เสนอไว้ในรายงานฯ อย่างเคร่งครัด รายละเอียดดัดแปลงด้วย 2 ทั้งนี้ ตามมาตรา 50 วรรคสอง แห่งพระราชบัญญัติส่งเสริมและรักษาคุณภาพสิ่งแวดล้อมแห่งชาติ พ.ศ.2535 เมื่อคณะกรรมการผู้ชำนาญการฯ ได้ให้ความเห็นชอบในรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อมตามมาตรา 49 แล้ว ให้เจ้าหน้าที่ซึ่งมีอำนาจตามกฎหมายในการพิจารณาสิ่งอนุญาโตหรือข้ออายุใบอนุญาตนำมาพิจารณาที่เสนอไว้ในรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อมไม่กำหนดเป็นเงื่อนไขในการสิ่งอนุญาโตหรือข้ออายุใบอนุญาต โดยถือว่าเงื่อนไขที่กำหนดตามกฎหมายในเรื่องนี้ด้วย ทั้งนี้ สำนักงานฯ ได้สำเนาหนังสือแจ้งสำนักงานอุตสาหกรรมจังหวัดระยอง สำนักงานทรัพยากรธรรมชาติและสิ่งแวดล้อมจังหวัดระยองเพื่อทราบ และแจ้งบริษัท ไออาร์พีซี จำกัด (มหาชน) เพื่อพิจารณาดำเนินการต่อไปด้วยแล้ว

จึงเรียนมาเพื่อโปรดทราบ

ขอแสดงความนับถือ



รองเลขาธิการ รักษาการแทน

เลขาธิการสำนักงานนโยบายและแผนทรัพยากรธรรมชาติและสิ่งแวดล้อม

สำนักวิเคราะห์ผลกระทบสิ่งแวดล้อม
โทรศัพท์ 0-2265-6500 ต่อ 6802
โทรสาร 0-2265-6616



TESCO LTD.

บริษัท เทสโก้ จำกัด

21/11-14 ซอยสุขุมวิท 18 ถนนสุขุมวิท แขวงคลองเตย เขตคลองเตย กรุงเทพมหานคร 10110 โทร 02-25581000
21/11-14 ซ.สุขุมวิท 18 Sukhumvit Rd. Klongteay Klongteay Dist. Klongteay Bangkok 10110 Thailand
Fax: 662-25581000 E-MAIL: tesco@tesco.co.th

ที่ TES 105-ENV/55

16 พฤษภาคม 2555

เรื่อง นำส่งข้อมูลเพิ่มเติมประกอบรายการขอเปลี่ยนแปลงรายละเอียดโครงการ
ในรายการการวิเคราะห์ผลกระทบสิ่งแวดล้อม โครงการโรงงานผลิตน้ำมันหล่อลื่นพื้นฐาน ครั้งที่ 1
ของบริษัท ไออาร์พีซี จำกัด (มหาชน)

เรียน เสาธิการสำนักงานนโยบายและแผนทรัพยากรธรรมชาติและสิ่งแวดล้อม

อ้างถึง หนังสือของสำนักงานนโยบายและแผนทรัพยากรธรรมชาติและสิ่งแวดล้อม
เลขที่ ทส 1009-3/3976 ลงวันที่ 30 เมษายน 2555

สิ่งที่ส่งมาด้วย ข้อมูลเพิ่มเติมประกอบรายการขอเปลี่ยนแปลงรายละเอียดโครงการฯ จำนวน 18 ชุด

เนื่องด้วยบริษัท ไออาร์พีซี จำกัด (มหาชน) ได้มอบหมายให้ บริษัท เทสโก้ จำกัด เป็นบริษัทที่ปรึกษาใน
การจัดทำรายงานการขอเปลี่ยนแปลงรายละเอียดโครงการ ในรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม
โครงการโรงงานผลิตน้ำมันหล่อลื่นพื้นฐาน ครั้งที่ 1 ดังอยู่ภายในเขตประกอบการอุตสาหกรรมไออาร์พีซี ตำบลเจียง
เป็น อำเภอเมือง จังหวัดระยอง นั้น บริษัทฯ ได้นำเสนอรายงานต่อสำนักงานนโยบายและแผนทรัพยากรธรรมชาติและ
สิ่งแวดล้อม (สผ.) แล้ว และจากผลการพิจารณาของคณะกรรมการผู้ชำนาญการฯ ในการประชุมครั้งที่
ที่ 9/2555 วันที่ 5 เมษายน 2555 ได้มีการพิจารณาให้ทางบริษัทฯ มีการเสนอข้อมูลเพิ่มเติมในประเด็นต่างๆ

บัดนี้ บริษัทฯ ได้จัดทำข้อมูลเพิ่มเติมดังกล่าวเสร็จเรียบร้อยแล้ว จึงใคร่ขอส่งมาซึ่งท่านเพื่อพิจารณา
ตามขั้นตอนต่อไป

จึงเรียนมาเพื่อโปรดพิจารณา



ผู้มีอำนาจลงนาม

ตามหมายมอบหมายเลขที่ ๖๖๖/๖๖๖
ทรัพยากรธรรมชาติและสิ่งแวดล้อม
เลขที่ 7072 วันที่ 17.12.55
21/11-14 ซอยสุขุมวิท 18 ถนนสุขุมวิท แขวงคลองเตย เขตคลองเตย กรุงเทพมหานคร 10110 โทร 02-25581000
21/11-14 ซ.สุขุมวิท 18 Sukhumvit Rd. Klongteay Klongteay Dist. Klongteay Bangkok 10110 Thailand
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มาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม
และมาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อม
โรงงานผลิตน้ำมันหล่อลื่นพื้นฐาน

(ภายหลังการเปลี่ยนแปลงรายละเอียดโครงการ ในรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม
โครงการโรงงานผลิตน้ำมันหล่อลื่นพื้นฐาน ครั้งที่ 1)
ตั้งอยู่ภายในเขตประกอบการอุตสาหกรรมไออาร์พีซี
ตำบลเจียงเป็น อำเภอเมืองระยอง จังหวัดระยอง

บริษัท ไออาร์พีซี จำกัด (มหาชน) ต้องยึดถือปฏิบัติ

สิ่งที่ส่งมาด้วย

ตารางที่ 2 มาตราการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม โครงการผลิตน้ำมันหล่อลื่นพื้นฐาน (ระยะดำเนินการ)
(ภายหลังการเปิดแผนโครงการและเปิดโครงการ ในรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม โครงการโรงงานผลิตน้ำมันหล่อลื่นพื้นฐาน ครั้งที่ 1)
ของ บริษัท ไออาร์พีซี จำกัด (มหาชน) ตั้งอยู่ภายในเขตประกอบการอุตสาหกรรมไออาร์พีซี ตำบลเชิงเนิน อำเภอเมืองระยอง จังหวัดระยอง

| มาตรการสิ่งแวดล้อม | มาตรการป้องกันและแก้ไขผลกระทบ | สถานที่ดำเนินการ | ระยะเวลาความถี่ | ผู้รับผิดชอบ |
|--------------------|---|------------------------------------|-----------------------|---------------------------------|
| 1.1 มาตราการทั่วไป | 1.1 ปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม และมาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อมที่ลงนามในรายงานประกอบเบื้องต้นและรายงานระยะติดตามการในรายงานวิเคราะห์ผลกระทบสิ่งแวดล้อม โครงการโรงงานผลิตน้ำมันหล่อลื่นพื้นฐาน ครั้งที่ 1) ตั้งอยู่พื้นที่เขตประกอบการอุตสาหกรรมไออาร์พีซี อำเภอเมืองระยอง จังหวัดระยอง ตามมติเห็นชอบ กบวทที่ 2555 และแผนงานฟื้นฟูพื้นที่เดิม ฉบับเดือนกุมภาพันธ์ 2555 ซึ่งจัดดำเนินการบริษัท ไออาร์พีซี | สถานที่ดำเนินการ พื้นที่โครงการ | ตลอดระยะเวลาดำเนินการ | บริษัท ไออาร์พีซี จำกัด (มหาชน) |
| 1.2 | เมื่อมีการติดตามตรวจสอบไม่ตรงกันกับที่ปฏิบัติกฎหมายสิ่งแวดล้อม ทางบริษัท ไออาร์พีซี จำกัด (มหาชน) ตีละดำเนินการปรับปรุงแก้ไขกฎหมายท้องถิ่นโดยเร็ว และต้องปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม และมาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อม โดยเคร่งครัด เพื่อประโยชน์ในการจัดการความเหมาะสมของสภาพแวดล้อมและผลกระทบสิ่งแวดล้อมของพื้นที่ | พื้นที่โครงการ | ตลอดระยะดำเนินการ | บริษัท ไออาร์พีซี จำกัด (มหาชน) |
| 1.3 | หากเกิดสถานการณ์ใดๆ ที่อาจส่งผลกระทบต่อคุณภาพสิ่งแวดล้อม บริษัท ไออาร์พีซี จำกัด (มหาชน) ต้องส่งผู้เกี่ยวข้องนำทรัพยากรธรรมชาติและสิ่งแวดล้อมจังหวัด ระยอง กรมโรงงานอุตสาหกรรม และสำนักงานนโยบายและแผนทรัพยากรธรรมชาติและสิ่งแวดล้อม จากหน่วยงานที่เกี่ยวข้องมา ร่วมกันพิจารณา จะใช้พิจารณาว่ามีความจำเป็นในการดำเนินการ | พื้นที่โครงการ | ตลอดระยะดำเนินการ | บริษัท ไออาร์พีซี จำกัด (มหาชน) |

ผู้แทนเจ้าภาพ
บริษัท ไออาร์พีซี จำกัด (มหาชน)

ผู้แทนเจ้าภาพ
บริษัท ไออาร์พีซี จำกัด (มหาชน)

ตารางที่ 2 (ต่อ-1)

| ผลกระทบสิ่งแวดล้อม | มาตรการป้องกันและแก้ไขผลกระทบ | สถานที่ดำเนินการ | ระยะเวลาความถี่ | ผู้รับผิดชอบ |
|-------------------------|---|----------------------------------|--|---------------------------------|
| 1. มาตราการทั่วไป (ต่อ) | 1.4 บริษัท ไออาร์พีซี จำกัด (มหาชน) ตีละแผนงานโครงการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม และมาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อม โดยสรุปให้สำนักงานทรัพยากรธรรมชาติและสิ่งแวดล้อมจังหวัดระยอง กรมโรงงานอุตสาหกรรม และสำนักงานนโยบายและแผนทรัพยากรธรรมชาติและสิ่งแวดล้อม พิจารณา 6 เดือน 1.5 ในกรณีที่บริษัท ไออาร์พีซี จำกัด (มหาชน) มีความจำเป็นต้องเปลี่ยนแปลงรายละเอียดโครงการ เกินจากที่แจ้งไว้ และแก้ไขผลกระทบสิ่งแวดล้อม และมาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อม ตามที่ได้ออกแจ้งไว้ในรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม ที่ได้แจ้งชุมชนไว้แล้ว ให้ บริษัท ไออาร์พีซี จำกัด (มหาชน) แจ้งให้หน่วยงานที่เกี่ยวข้องทราบทันทีในการพิจารณาอนุมัติ หรืออนุญาตดำเนินการต่อไป 1.5.1 หากหน่วยงานผู้รับผิดชอบโครงการ เห็นว่าการเปลี่ยนแปลงดังกล่าว เกิดผลต่อสิ่งแวดล้อม มากกว่า หรือเทียบเท่าผลกระทบที่ก่อเกิดไว้ในรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อมที่ได้รับความเห็นชอบไปแล้ว ให้หน่วยงานผู้รับผิดชอบโครงการรีบแจ้งให้หน่วยงานที่เกี่ยวข้อง และรีบแจ้งที่หน่วยงานอื่นๆ ด้วย พร้อมทั้งจัดทำรายงานการเปลี่ยนแปลงดังกล่าวส่งให้หน่วยงานที่เกี่ยวข้อง แจ้งผู้เกี่ยวข้องทราบ และแจ้งทรัพยากรธรรมชาติและสิ่งแวดล้อม เพื่อทราบ 1.5.2 หากหน่วยงานผู้รับผิดชอบโครงการ เห็นว่าการเปลี่ยนแปลงดังกล่าว อาจกระทบต่อทรัพยากรธรรมชาติในรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อมที่ได้รับความเห็นชอบไว้แล้ว ให้หน่วยงานผู้รับผิดชอบโครงการ จัดส่งรายงานการเปลี่ยนแปลงดังกล่าวให้สำนักงานนโยบายและแผนทรัพยากรธรรมชาติและสิ่งแวดล้อม เพื่อส่งให้คณะกรรมการพิจารณาและมอบหมายทรัพยากรธรรมชาติและสิ่งแวดล้อม (ควม) ชุดที่เกี่ยวข้อง | พื้นที่โครงการ พื้นที่โครงการ | ตลอดระยะดำเนินการ ตลอดระยะดำเนินการ | บริษัท ไออาร์พีซี จำกัด (มหาชน) |

ผู้แทน
บริษัท ไออาร์พีซี จำกัด (มหาชน)

ผู้แทน
บริษัท ไออาร์พีซี จำกัด (มหาชน)

ตารางที่ 2 (ต่อ-10)

| ผลการประเมินผลสัมฤทธิ์ | มาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม | สถานที่ดำเนินการ | ระยะเวลาพิจารณา | ผู้รับผิดชอบ |
|----------------------------|--|------------------------------|---------------------------|----------------------------------|
| 5. การลดมลพิษ (ต่อ) | 3) พกเก็บกากตะกอนและขี้เถ้าในถังเก็บกากขี้เถ้า 4) ผลิตน้ำทิ้งจากกระบวนการผลิตน้ำทิ้ง 10.00 น. ซึ่งนำไปใช้รดน้ำแปลงปลูกพืช 5) จำกัดเวลาไม่ให้เกิน 30 ชม./วัน และใช้พื้นที่ปิดกั้น 6) ไม่ให้กลิ่นรบกวน 30 เมตรถึงแหล่งน้ำที่ใกล้เคียง 7) จัดทำระบบบำบัดน้ำเสียด้วยวิธีบำบัดทางชีวภาพและทางเคมี-ฟิสิกส์ 5.2 การลดมลพิษทางน้ำ 1) จัดทำคูน้ำเพื่อเก็บตะกอนและน้ำทิ้งจากกระบวนการผลิตน้ำทิ้ง และระบายลงสู่คลอง 2) จัดทำระบบบำบัดน้ำเสียด้วยวิธีบำบัดทางชีวภาพและทางเคมี-ฟิสิกส์ และระบายลงสู่คลอง | บริเวณท่าเรือ โรงรีไซเคิล | ตลอดระยะเวลา ดำเนินการ | บริษัท โกลด์ฟิช จำกัด (มหาชน) |
| 6. การควบคุมและป้องกันฝุ่น | 6.1 จัดให้มีการควบคุมฝุ่นภายในโรงงานและบริเวณรอบโรงงาน 6.2 จัดให้มีการควบคุมฝุ่นภายในโรงงานและบริเวณรอบโรงงาน | พื้นที่โครงการ | ตลอดระยะเวลา ดำเนินการ | บริษัท โกลด์ฟิช จำกัด (มหาชน) |
| 7. การควบคุมเสียง | 7.1 การควบคุมเสียงจากเครื่องจักรและอุปกรณ์ 7.2 การควบคุมเสียงจากเครื่องจักรและอุปกรณ์ | พื้นที่โครงการ | ตลอดระยะเวลา ดำเนินการ | บริษัท โกลด์ฟิช จำกัด (มหาชน) |

ผู้รับผิดชอบ
บริษัท โกลด์ฟิช จำกัด (มหาชน)

มีนาคม 2565

วันที่ 10 มีนาคม 2565

ตารางที่ 2 (ต่อ-11)

| ผลการประเมินผลสัมฤทธิ์ | มาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม | สถานที่ดำเนินการ | ระยะเวลาพิจารณา | ผู้รับผิดชอบ |
|------------------------|---|------------------|---------------------------|----------------------------------|
| 7. การลดมลพิษ (ต่อ) | 7.3 จัดทำระบบบำบัดน้ำเสียด้วยวิธีบำบัดทางชีวภาพและทางเคมี-ฟิสิกส์ 7.4 จัดทำระบบบำบัดน้ำเสียด้วยวิธีบำบัดทางชีวภาพและทางเคมี-ฟิสิกส์ 7.5 จัดทำระบบบำบัดน้ำเสียด้วยวิธีบำบัดทางชีวภาพและทางเคมี-ฟิสิกส์ 7.6 จัดทำระบบบำบัดน้ำเสียด้วยวิธีบำบัดทางชีวภาพและทางเคมี-ฟิสิกส์ 7.7 จัดทำระบบบำบัดน้ำเสียด้วยวิธีบำบัดทางชีวภาพและทางเคมี-ฟิสิกส์ | พื้นที่โครงการ | ตลอดระยะเวลา ดำเนินการ | บริษัท โกลด์ฟิช จำกัด (มหาชน) |
| 8. การลดมลพิษทางน้ำ | 8.1 จัดทำระบบบำบัดน้ำเสียด้วยวิธีบำบัดทางชีวภาพและทางเคมี-ฟิสิกส์ 8.2 จัดทำระบบบำบัดน้ำเสียด้วยวิธีบำบัดทางชีวภาพและทางเคมี-ฟิสิกส์ 8.3 จัดทำระบบบำบัดน้ำเสียด้วยวิธีบำบัดทางชีวภาพและทางเคมี-ฟิสิกส์ | พื้นที่โครงการ | ตลอดระยะเวลา ดำเนินการ | บริษัท โกลด์ฟิช จำกัด (มหาชน) |

ผู้รับผิดชอบ
บริษัท โกลด์ฟิช จำกัด (มหาชน)

มีนาคม 2565

วันที่ 10 มีนาคม 2565

ตารางที่ 2 (ต่อ-14)

| ผลกระทบสิ่งแวดล้อม | มาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม | แผนดำเนินการ | ระยะเวลาควบคุม | ผู้รับผิดชอบ |
|-------------------------------------|---|--|---------------------------|-------------------------------------|
| 10. อากาศบ้านและ ความสะอาด (ค่า) | 10.3. กำหนดแหล่งค้าปลีกให้เป็นร้านค้าขายกาเพื่อลดปริมาณขยะและสิ่งของสกปรก โดยเก็บสิ่งของในถังขยะ | พื้นที่โครงการ | ตลอดระยะเวลา ดำเนินการ | บริษัท โกลด์ฟรังก์ จำกัด (มหาชน) |
| | 10.4. จัดให้มีห้องควบคุมเครื่องจักร (Control Room) เพื่อรับมือการเกิดมลพิษสิ่งแวดล้อม | พื้นที่โครงการ | ตลอดระยะเวลา ดำเนินการ | บริษัท โกลด์ฟรังก์ จำกัด (มหาชน) |
| | 10.5. กำหนดแผนเสียงและระงับเสียงเสียง รวมทั้งจัดตั้งอุปกรณ์ป้องกันเสียงที่เหมาะสม และ กำหนด มาตรฐานการควบคุมเสียง เป็นช่วงๆ อย่างน้อย | พื้นที่โครงการ | ตลอดระยะเวลา ดำเนินการ | บริษัท โกลด์ฟรังก์ จำกัด (มหาชน) |
| | 10.6. จัดให้มีการประเมินผลกระทบสิ่งแวดล้อมเบื้องต้นระยะ ๗ ช่วง 1) ความสอดคล้องในกระบวนการผลิต 2) ความสอดคล้องในการดำเนินงานก่อสร้างและสิ่งก่อสร้าง 3) การตั้งพื้นที่และการใช้ประโยชน์ที่ดินต่างๆ 4) การปล่อยมลพิษ 5) การปฏิบัติทางสุขภาพ 6) การปฏิบัติตามกฎหมาย | พื้นที่โครงการ | ตลอดระยะเวลา ดำเนินการ | บริษัท โกลด์ฟรังก์ จำกัด (มหาชน) |
| | 10.7. ติดตั้งเครื่องฉีดน้ำเพื่อทำความสะอาดพื้นผิวของงานภายในของโรงงาน ซึ่งมีกระบวนการผลิต | พื้นที่โครงการ | ตลอดระยะเวลา ดำเนินการ | บริษัท โกลด์ฟรังก์ จำกัด (มหาชน) |
| | 10.8. จัดกิจกรรมส่งเสริมด้านความปลอดภัยด้านสุขภาพ | พื้นที่โครงการ | ตลอดระยะเวลา ดำเนินการ | บริษัท โกลด์ฟรังก์ จำกัด (มหาชน) |
| | 10.9. จัดฝึกอบรมเกี่ยวกับ และกฎหมายด้านสิ่งแวดล้อม | พื้นที่โครงการ และงานประชาสัมพันธ์ อุตสาหกรรมสีเขียว | ตลอดระยะเวลา ดำเนินการ | บริษัท โกลด์ฟรังก์ จำกัด (มหาชน) |

ผู้วิมลชนธำมาศ
ปวิมล โสธารัตนวิมล จักัด (เมษาวรรณ)

มกราคม 2555
ของจำนวน 1833 หน้า

ตารางที่ 2 (ต่อ-15)

| ผลการประเมินผลสัมฤทธิ์ | มาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม | สถานที่ดำเนินการ | ระยะเวลาประเมิน | ผู้รับผิดชอบ |
|-------------------------------------|---|--|---|--------------|
| 10. ความสำเร็จและความปลอดภัย (คส) | 10.10 ไม่มีการจัดทำ Safety Analysis โดยพิจารณาจากประเภทอุบัติเหตุอันตรายใหญ่ อันตรายสูง ในการดำเนินการไม่ปลอดภัย 3 ขั้นตอน คือ 1) ปล่อยเวลาทำงาน 2) ส่งงานโดยเร็ว 3) ควบคุมความปลอดภัยให้สูงที่ไม่อยู่ในแผนและขั้นตอน 10.11 จัดทำหลักสูตรอบรมพนักงานโรงงานเพื่อความปลอดภัยในชีวิตและทรัพย์สิน รวมถึงแผนการอพยพหนีไฟและกรณีฉุกเฉิน 10.12 จัดทำคู่มือความปลอดภัยในการทำงาน | พื้นที่โรงงานและเขต ปริมณฑลกรุงเทพมหานคร | บริษัท โอเอทีพี จำกัด (นราธิวาส) | |
| 11. การศึกษาด้านอันตรายร้ายแรง (คส) | 11.1 ส่วนการผลิต (Process Area) 1) มีระบบ Distributed Control System (DCS) สำหรับควบคุมการทำงานของระบบ 2) มีระบบ Double Safety Relief Valve เพื่อ Quench จากผลกระทบในกรณีที่ความผิดปกติและความล้มเหลวในการทำงานของวาล์วมีแนวโน้มที่จะเกิดขี้นโดยอัตโนมัติ ระบบยังตั้งทิ้งไว้ตลอดเวลา 3) มีมาตรการ Preventive Maintenance เกี่ยวกับประสิทธิภาพในการตรวจสอบอุปกรณ์เตือนภัย เช่น Record, Check, and Alarm ต่างๆ ที่มีการทำ Risk Map อย่างสม่ำเสมอ | บริเวณส่วนการผลิต Outil Pipe ของ VDU เพื่อชีวิตทางสุขภาพ, ทรัพย์สิน และความมั่นคง | บริษัท โอเอทีพี จำกัด (นราธิวาส) บริษัท โอเอทีพี จำกัด (นราธิวาส) บริษัท โอเอทีพี จำกัด (นราธิวาส) | |
| | มีการจัดระบบ Zoning ด้าน Traffic Route ภายในส่วนการผลิตที่ครอบคลุม ความเร็วของพาหนะและรถบรรทุกและคนเดินเท้า รวมถึงการตั้งสัญญาณความปลอดภัยของสัญญาณสีแดง และ/หรือสัญญาณเตือนภัยจาก เซลล์มือถือ Work Permit | ส่วนการผลิต | บริษัท โอเอทีพี จำกัด (นราธิวาส) | |

សហមេត្តា ចូលរួម គាំទ្រ ដល់ការងារ
សហគមន៍កម្ពុជា

ปีงบประมาณ 2556
สิ้นของจำนวน 1933 หน้า

๑) หน้าที่หลัก ๆ ของ...

(๓) หน้าที่หลัก ๆ ของ...

วันที่ ๒๕ กรกฎาคม ๒๕๖๓

ผู้เขียนเอกสาร

บริษัท ไทยพาณิชย์ จำกัด (มหาชน)

| ผลการประเมินผลสัมฤทธิ์ | มาตรการป้องกันและลดผลกระทบสิ่งแวดล้อม | สถานะการดำเนินงาน | ระยะเวลาการดำเนินการ | ผู้รับผิดชอบ |
|-------------------------------------|--|-----------------------------|--------------------------|---------------------------------|
| 11. การศึกษาต้นแบบการดำเนินงาน (๑๕) | 11.4 การประเมินผลสัมฤทธิ์ 1) การประเมินผลสัมฤทธิ์ของโครงการตามตัวชี้วัดที่กำหนดไว้ในแผนปฏิบัติการ 2) การประเมินผลสัมฤทธิ์ของโครงการตามตัวชี้วัดที่กำหนดไว้ในแผนปฏิบัติการ 3) การประเมินผลสัมฤทธิ์ของโครงการตามตัวชี้วัดที่กำหนดไว้ในแผนปฏิบัติการ | ประเมินผลสัมฤทธิ์ ตามแผน | ตลอดระยะเวลาการดำเนินงาน | บริษัท ไทยพาณิชย์ จำกัด (มหาชน) |

หน้า 2 (ต่อหน้า 1)

| ผลการประเมินผลสัมฤทธิ์ | มาตรการป้องกันและลดผลกระทบสิ่งแวดล้อม | สถานะการดำเนินงาน | ระยะเวลาการดำเนินการ | ผู้รับผิดชอบ |
|-------------------------------------|--|-----------------------------|--------------------------|---------------------------------|
| 11. การศึกษาต้นแบบการดำเนินงาน (๑๕) | 11.4 การประเมินผลสัมฤทธิ์ 1) การประเมินผลสัมฤทธิ์ของโครงการตามตัวชี้วัดที่กำหนดไว้ในแผนปฏิบัติการ 2) การประเมินผลสัมฤทธิ์ของโครงการตามตัวชี้วัดที่กำหนดไว้ในแผนปฏิบัติการ 3) การประเมินผลสัมฤทธิ์ของโครงการตามตัวชี้วัดที่กำหนดไว้ในแผนปฏิบัติการ | ประเมินผลสัมฤทธิ์ ตามแผน | ตลอดระยะเวลาการดำเนินงาน | บริษัท ไทยพาณิชย์ จำกัด (มหาชน) |

หน้า 2 (ต่อหน้า 1)

ผู้เขียนเอกสาร

บริษัท ไทยพาณิชย์ จำกัด (มหาชน)

ตารางที่ 2 (ต่อ-18)

| ผลการประเมินเบื้องต้น | ผลการพิจารณาเบื้องต้น | สถานะที่ดำเนินการ | ระยะเวลาความถี่ | ผู้รับผิดชอบ |
|---|---|---|-----------------------|------------------------------------|
| 11. การศึกษาด้าน อันตรายร้ายแรง (ต่อ) | 5) มีการระบุไม่ให้ใบประเมินไปใช้โดยคนที่มีลักษณะต่าง ๆ | ใบแจ้งดำเนินการ ภายใน | ตลอดระยะเวลาดำเนินการ | บริษัท ไออาร์พีซี จำกัด (มหาชน) |
| | 11.5 ชิ้นงานมีข้อบกพร่อง 5 ชิ้น คือ ส่วนการติดตั้งสายเคเบิล และส่วนการนำพาซึ่งสายเคเบิล 1) ยังไม่มีการระบุผลการ ทดสอบระบบความปลอดภัย การติดตั้งระบบความปลอดภัย ในตู้และตู้กระแสไฟฟ้าทั้งนี้ แผนการปฏิบัติงานเชิงเทคนิคในแผนงานของโรงงาน การประสานงานกับหน่วยงานอื่น ๆ แผนการขอตรวจไม่ได้รับแก้ไขข้อบกพร่อง ตลอดมาจากการดำเนินการต่าง ๆ ได้แก้ไขและลดความรุนแรงของข้อบกพร่อง ๓ ชิ้นใน ตู้กระแสไฟฟ้าโดยที่แผนการปฏิบัติงานเชิงเทคนิค ภายใต้งานการประเมินเพื่อ การตรวจสอบคุณภาพของ ตู้ไม่พบข้อบกพร่องในส่วนการติดตั้งและระบบไฟฟ้าของ ตู้ยกขึ้นด้วยตนเอง | ทั้ง 4 ส่วน คือ ส่วนการ ผลิต ส่วนสายเคเบิลและส่วน การนำพา ทางเดินสาย | ตลอดระยะเวลาดำเนินการ | บริษัท ไออาร์พีซี จำกัด (มหาชน) |
| | 2) ยังไม่มีการระบุถึงอันตรายร้ายแรงเกิดขึ้น ซึ่งหากไม่มีการศึกษาเพื่อป้องกัน อันตรายร้ายแรงต่าง ๆ ภายใน (พ.ศ.) 3 ปี หลัง จากการดำเนินการผลิตแล้ว | ทั้ง 4 ส่วน คือ ส่วนการผลิต ส่วนสายเคเบิลและส่วนการ นำพาซึ่งสายเคเบิล | ตลอดระยะเวลาดำเนินการ | บริษัท ไออาร์พีซี จำกัด (มหาชน) |
| | 3) ยังไม่มีการศึกษา Hazard and Operability Study (HAZOP) ในส่วนการออกแบบ โครงการอย่างละเอียด | ทั้ง 4 ส่วน คือ ส่วนการผลิต ส่วนสายเคเบิลและส่วนการ นำพาซึ่งสายเคเบิล | ตลอดระยะเวลาดำเนินการ | บริษัท ไออาร์พีซี จำกัด (มหาชน) |

ผู้ประเมิน
บริษัท ไออาร์พีซี จำกัด (มหาชน)

มีอายุ 2555
วันที่ 22/03/2564

ผู้ประเมิน
บริษัท ไออาร์พีซี จำกัด (มหาชน)

ผู้ประเมิน
บริษัท ไออาร์พีซี จำกัด (มหาชน)

ตารางที่ 3 ค่าขีดจำกัดความเค้นจากปัจจัยการโรงงานผลิตน้ำมันหล่อลื่นที่ฐาน ของบริษัท ไออาร์พีซี จำกัด (มหาชน)
ตั้งอยู่ภายในเขตประกอบการอุตสาหกรรมไออาร์พีซี ตำบลสีมามีน อำเภอเมืองระยอง จังหวัดระยอง

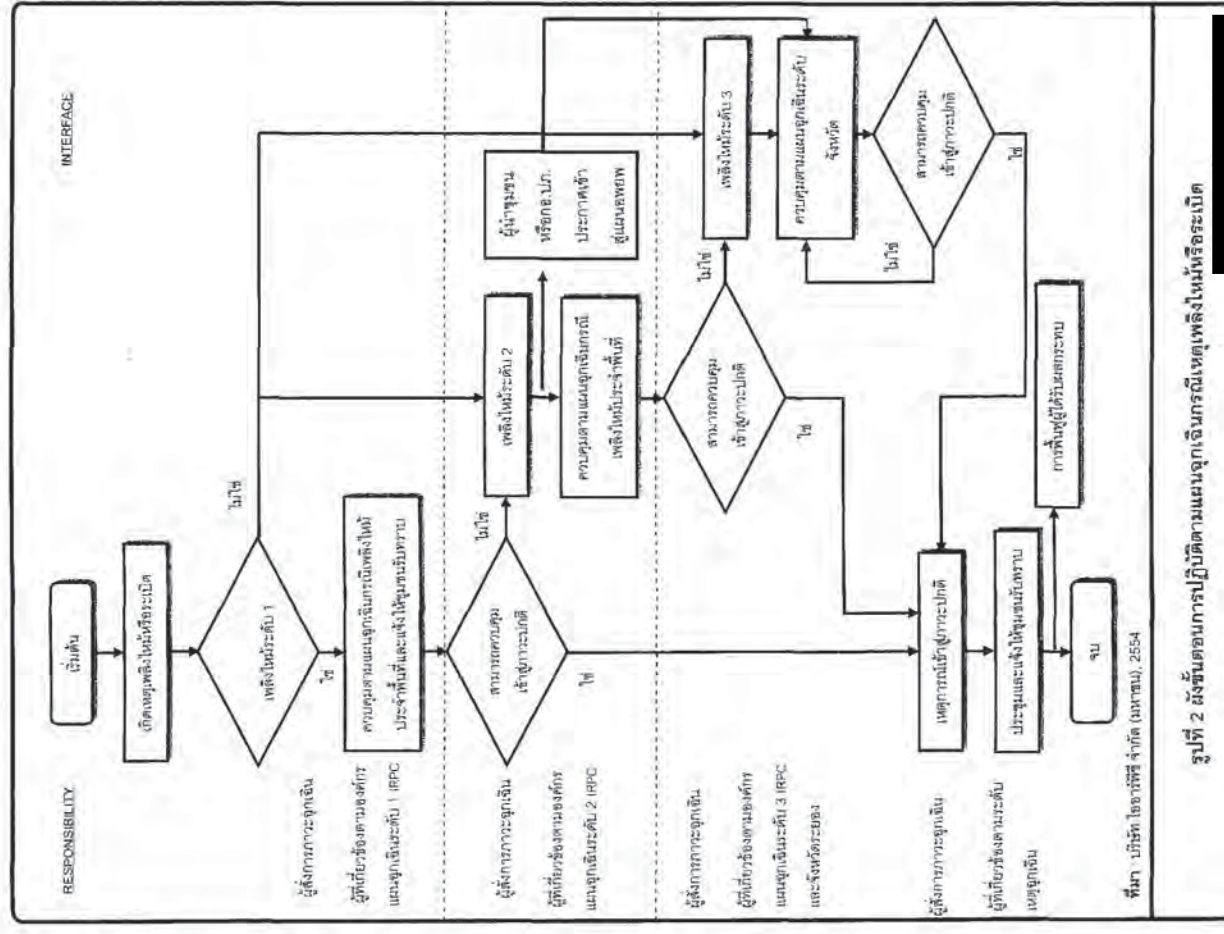
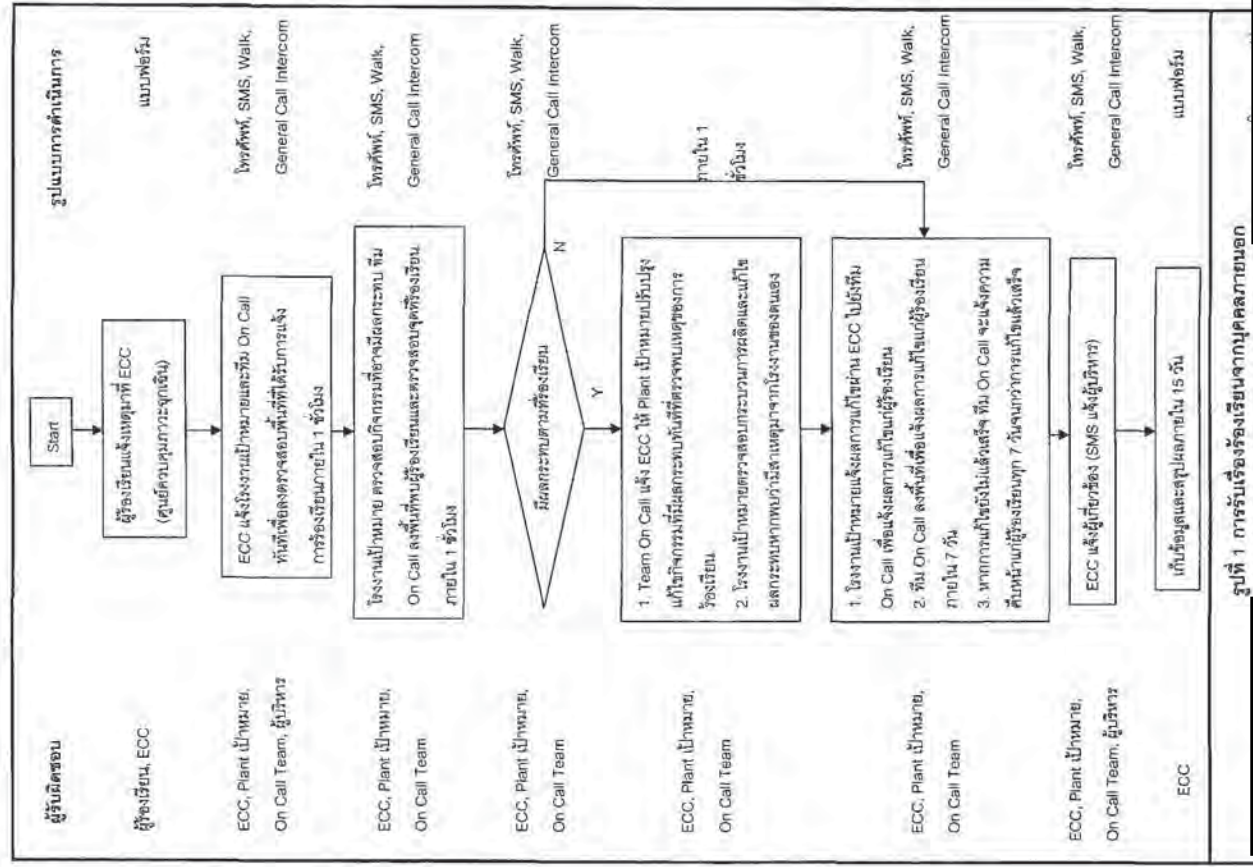
| แหล่งกำเนิด | พิกัด UTM | | ความสูง เมตร (m) | เส้นผ่าน ศูนย์กลาง (m) | ศูนย์กลาง เมตร (m) | ความเร็วโดย เมตร (m/s) | อัตราการ ไหล (m³/s) | ขีดจำกัดความเค้น (kg) | | |
|--------------------------------------|-----------|---------|---------------------|---------------------------|-----------------------|---------------------------|------------------------|-----------------------|-----------------|--------|
| | X | Y | | | | | | SO ₂ | NO _x | TSP |
| (1) VDU (Vacuum Distillation Unit) | 752484 | 1401514 | 42 | 1.915 | 497.15 | 7.75 | 11.22 | 26.1110 | 3.3521 | 2.3810 |
| (2) SEU 1 (Solvent Extraction Unit) | 752623 | 1401413 | 33 | 1.792 | 578.15 | 8.63 | 11.16 | 19.6590 | 3.5939 | 2.1800 |
| (3) SEU 2B (Solvent Extraction Unit) | 752518 | 1401401 | 39 | 1.474 | 561.69 | 4.71 | 4.37 | 0.0072 | 0.4574 | 0.6900 |
| (4) DAU (Deasphalting Unit) | 752482 | 1401500 | 48 | 2.097 | 579.15 | 7.87 | 15.19 | 17.6095 | 3.4102 | 2.6900 |
| (5) ABU (Asphalt Blowing Unit) | 753105 | 1401554 | 24 | 1.000 | 1072.15 | 8.20 | 2.19 | 0.2500 | 0.0090 | 0.4100 |

ที่มา บริษัทไออาร์พีซี จำกัด (มหาชน) 2555

ผู้ประเมิน
บริษัท ไออาร์พีซี จำกัด (มหาชน)

มีอายุ 2555
วันที่ 22/03/2564

ผู้ประเมิน
บริษัท ไออาร์พีซี จำกัด (มหาชน)



ตารางที่ 4 (ต่อ 2)

| คุณภาพสิ่งแวดล้อม | มาตรการลดผลกระทบ | พหุวิธี | ระยะเวลาการแก้ไข | ผู้รับผิดชอบ |
|------------------------------------|--|---|---------------------------------------|---------------------------------|
| 2. คุณภาพน้ำ (ต่อ) | 2.4 การปรับปรุงคุณภาพน้ำในคลองสายหลัก เป็นแหล่งน้ำดื่ม โดยทำการตรวจ วิเคราะห์จำนวน 3 จุด คือ 1) คลองสายน้ำแม่เหล็กใต้โครงการ 2) บริเวณจุดปล่อยน้ำทิ้ง 3) บริเวณพื้นที่โครงการ | - ตรวจวิเคราะห์คุณภาพน้ำ (pH) - ตรวจวิเคราะห์ออกซิเจน (SS) - ตรวจวิเคราะห์ไนโตรเจน (NH4) - ค่าบีโอดี (BOD) | 4 ครั้ง/ปี | บริษัท ไออาร์พีซี จำกัด (มหาชน) |
| 3. ระดับเสียง | 3.1 ตรวจวัดระดับเสียงภายในโรงงานและ ภายนอกโรงงาน ดังนี้ 1) บริเวณพื้นที่ส่วนผลิตภายในโรงงานที่มี เสียงดังเกิน 90 dB(A) 2) บริเวณจุดชุมชนใกล้เคียงโครงการ | - Leq 8 ชั่วโมง (ทุก 1 ชม.) - Lmax - Leq 24 ชั่วโมง (ทุก 1 ชม.) - Lmax - ตรวจสุขภาพทั่วไป (Physical Exam) - ตรวจการได้ยิน - X-ray ปอด | 4 ครั้ง/ปี 1 ครั้ง/ปี | บริษัท ไออาร์พีซี จำกัด (มหาชน) |
| 4. การป้องกันและควบคุม โรคระบาด | 4.1 ตรวจสุขภาพประจำตัวของพนักงาน 4.2 บันทึกสถิติการเจ็บป่วยในผู้ปฏิบัติงาน ความ รุนแรง จำนวนผู้ป่วยเจ็บ (เมื่อพบทันที) | - สถิติการเจ็บป่วยในผู้ - สาเหตุและความรุนแรงของเจ็บป่วย - จำนวนผู้บาดเจ็บ | ทุกครั้งที่มีการเจ็บป่วยในผู้ ป่วย | บริษัท ไออาร์พีซี จำกัด (มหาชน) |

ข้อมูล: 2555
วันที่: 30/03/2555

บริษัท ไออาร์พีซี จำกัด (มหาชน)

บริษัท ไออาร์พีซี จำกัด

ตารางที่ 4 (ต่อ 3)

| คุณภาพสิ่งแวดล้อม | มาตรการลดผลกระทบ | พหุวิธี | ระยะเวลาการแก้ไข | ผู้รับผิดชอบ |
|-------------------------|--|---|--|---------------------------------|
| 5. การจัดการสิ่งแวดล้อม | 5.1 ปฏิบัติตาม Internal Auditing ในระบบ ISO 14000 โดยตรวจหาความเสี่ยงและ ปัญหา 1 ครั้ง | - Air Emission - Liquid Effluent - Solid Waste - Safety - Risk Assessment | ทุกปี และ 1 ครั้ง หลังเกิดเหตุการณ์ | บริษัท ไออาร์พีซี จำกัด (มหาชน) |
| 6. การขนส่ง | 6.1 บันทึกข้อมูลการขนส่งสินค้าเข้าโรงงาน และข้อมูลการขนส่งสินค้าออก โดยบันทึกข้อมูลการขนส่งสินค้าเข้า โรงงาน และข้อมูลการขนส่งสินค้าออก โดยบันทึกข้อมูลการขนส่งสินค้าเข้า โรงงาน และข้อมูลการขนส่งสินค้าออก โดยบันทึกข้อมูลการขนส่งสินค้าเข้า โรงงาน และข้อมูลการขนส่งสินค้าออก | - รถบรรทุกขนส่งสินค้าเข้าโรงงาน รวมรวม การขนส่ง การกำจัดกาก ของเสีย | ทุกครั้งที่มีการขนส่ง | บริษัท ไออาร์พีซี จำกัด (มหาชน) |

ข้อมูล: 2555
วันที่: 31/03/2555

บริษัท ไออาร์พีซี จำกัด (มหาชน)

บริษัท ไออาร์พีซี จำกัด

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ผู้ชำนาญการสิ่งแวดล้อม
บริษัท เอสที จำกัด

วันที่ ๒๒/๑๓/๖๓

บริษัท โออาร์พี จำกัด (มหาชน)
ศูนย์ขอนแก่นฯ

เอกสารแนบที่ 2

**หนังสือเห็นชอบการขอเปลี่ยนแปลงรายละเอียดโครงการ
โครงการโรงงานผลิตน้ำมันหล่อลื่นพื้นฐาน ครั้งที่ 2
เลขที่ ทส 1010.8/6091 ลงวันที่ 2 เมษายน 2562**



ที่ ทส ๑๐๑๘/ ๖ ๐ ๙ ๑

สำนักงานนโยบายและแผน
ทรัพยากรธรรมชาติและสิ่งแวดล้อม
๖๐/๑ ซอยพิบูลย์วัฒนา ๗ ถนนพหลโยธิน แขวงพญาไท กรุงเทพมหานคร ๑๐๕๐๐
๒ เมษายน ๒๕๖๒

เรื่อง รายงานการเปลี่ยนแปลงรายละเอียดโครงการในรายงานการประเมินผลกระทบสิ่งแวดล้อม โครงการ
โรงงานผลิตน้ำมันหล่อลื่นพื้นฐาน (ครั้งที่ ๒) ของบริษัท ไออาร์พีซี จำกัด (มหาชน)

เรียน กรรมการผู้จัดการบริษัท ไออาร์พีซี จำกัด (มหาชน)

สิ่งที่ส่งมาด้วย สำเนาหนังสือสำนักงานอุตสาหกรรมจังหวัดระยอง ที่ รย ๐๐๓๓๓ (๒)/๖๔๓
ลงวันที่ ๒๕ กุมภาพันธ์ ๒๕๖๒

ด้วย สำนักงานอุตสาหกรรมจังหวัดระยอง ได้มีหนังสือถึงสำนักงานนโยบายและแผน
ทรัพยากรธรรมชาติและสิ่งแวดล้อม โดยแจ้งว่าบริษัท ไออาร์พีซี จำกัด (มหาชน) ได้เสนอรายงานการ
เปลี่ยนแปลงรายละเอียดโครงการในรายงานการประเมินผลกระทบสิ่งแวดล้อม โครงการโรงงานผลิต
น้ำมันหล่อลื่นพื้นฐาน (ครั้งที่ ๒) ตั้งอยู่ ณ เลขที่ ๒๔๔ หมู่ที่ ๕ ถนนสุขุมวิท ตำบลเชิงเนิน อำเภอเมืองระยอง
จังหวัดระยอง เพื่อให้สำนักงานอุตสาหกรรมจังหวัดระยอง พิจารณา ซึ่งสำนักงานอุตสาหกรรมจังหวัดระยอง
ได้พิจารณาแล้วและไม่ขัดข้องในการดำเนินการ ดังกล่าว จึงได้ส่งรายงานฉบับสมบูรณ์ต่อสำนักงาน
นโยบายฯ รายละเอียดตามสิ่งที่ส่งมาด้วย

สำนักงานนโยบายและแผนทรัพยากรธรรมชาติและสิ่งแวดล้อม ได้เสนอรายงานฯ ดังกล่าว
ต่อคณะกรรมการผู้ชำนาญการพิจารณารายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อม โครงการอุตสาหกรรม
กลั่นน้ำมันปิโตรเลียม ปิโตรเคมี และแก๊สหรือแปรสภาพก๊าซธรรมชาติ ในการประชุมครั้งที่ ๑๔/๒๕๖๒ เมื่อวันที่
๒๔ เมษายน ๒๕๖๒ ซึ่งคณะกรรมการผู้ชำนาญการฯ มีมติรับทราบ รายงานการเปลี่ยนแปลงรายละเอียด
โครงการในรายงานการประเมินผลกระทบสิ่งแวดล้อม โครงการโรงงานผลิตน้ำมันหล่อลื่นพื้นฐาน (ครั้งที่ ๒)
(ฉบับสมบูรณ์) ของบริษัท ไออาร์พีซี จำกัด (มหาชน) ที่ได้รับความเห็นชอบจากสำนักงานอุตสาหกรรมจังหวัด
ระยอง ทั้งนี้ให้บริษัท ไออาร์พีซี จำกัด (มหาชน) ยึดถือและปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบ
สิ่งแวดล้อม และมาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อมที่เสนอไว้ในรายงานฯ อย่างเคร่งครัด

จึงเรียนมาเพื่อโปรดทราบ

ขอแสดงความนับถือ



รองอธิการบดี ปฏิบัติราชการแทน
อธิการบดีสำนักงานนโยบายและแผนทรัพยากรธรรมชาติและสิ่งแวดล้อม

กองวิเคราะห์ผลกระทบสิ่งแวดล้อม
โทรศัพท์ ๐ ๒๖๖๕ ๖๕๐๐ ต่อ ๖๗๙๗ / โทรสาร ๐ ๒๖๖๕ ๖๖๑๖

สำนักงานอุตสาหกรรมจังหวัดระยอง
ทรัพยากรธรรมชาติและสิ่งแวดล้อม
เลขที่ ๕๐๕๙ ๒๘ ป.ก. ๕๕๖๒
เวลา ๑๔.๓๔ ผู้รับ ดังกล่าว



ที่ รย ๐๐๓๓(๒)/๖๔๓

สำนักงานอุตสาหกรรมจังหวัดระยอง
๕ กพ. ๒๕๖๒ ๑๔๐/๒๐ ถนนสุขุมวิท ระยอง ๒๑๐๐๐

เรื่อง ขอบเปลี่ยนแปลงรายละเอียดโครงการในรายงานการประเมินผลกระทบสิ่งแวดล้อมโครงการโรงงาน
ผลิตน้ำมันหล่อลื่นพื้นฐาน (ครั้งที่ ๒)

เรียน เลขานุการสำนักงานนโยบายและแผนทรัพยากรธรรมชาติและสิ่งแวดล้อม

สิ่งที่ส่งมาด้วย ๑. สำเนาหนังสือบริษัท ที่ SM ๐๐๑/๒๕๖๒ ลงวันที่ ๑๔ มกราคม ๒๕๖๒ จำนวน ๑ ฉบับ
๒. รายงานการเปลี่ยนแปลงรายละเอียดโครงการในรายงานการประเมิน จำนวน ๑ เล่ม
ผลกระทบสิ่งแวดล้อม ฉบับสมบูรณ์ โครงการโรงงานผลิตน้ำมันหล่อลื่นพื้นฐาน (ครั้งที่ ๒)
๓. แผ่นบันทึกข้อมูล (CD-ROM) จำนวน ๑ แผ่น

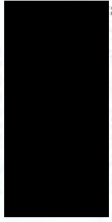
ด้วย บริษัท ไออาร์พีซี จำกัด (มหาชน) ตั้งอยู่ ณ เลขที่ ๒๔๔ หมู่ที่ ๕ ถนนสุขุมวิท ตำบล
เชิงเนิน อำเภอเมืองระยอง จังหวัดระยอง ทะเบียนโรงงานเลขที่ ๒๔-๕๐(๔)-๑/๔๑ราย แจ้งขอเปลี่ยนแปลง
รายละเอียดโครงการในรายงานการประเมินผลกระทบสิ่งแวดล้อมโครงการโรงงานผลิตน้ำมันหล่อลื่นพื้นฐาน
(ครั้งที่ ๒) ได้แก่

๑. ขอเปลี่ยนแปลงขนาด/สัดส่วนการใช้ประโยชน์พื้นที่ รวมทั้งตำแหน่งและขนาดพื้นที่สีเขียว
๒. ขอติดตั้ง Air Fan Cooler เพิ่มอีก ๑ ตัว ที่หน่วยแยกแก๊สที่ ๑
๓. ขอทบทวนอัตราการจัดน้ำทิ้งจากหอระยองระบาย
๔. ขอทบทวนมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม และมาตรการติดตาม
๕. ขอทบทวนมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม

สำนักงานอุตสาหกรรมจังหวัดระยอง ได้พิจารณาแล้ว การดำเนินการดังกล่าวเป็นผลดีต่อ
สิ่งแวดล้อมมากกว่าที่กำหนดในรายงานการวิเคราะห์สิ่งแวดล้อม ที่ได้รับความเห็นชอบแล้ว จึงไม่ขัดข้องในการ
ดำเนินการดังกล่าว ตามสิ่งที่ส่งมาด้วย ๑, ๒ และ ๓

จึงเรียนมาเพื่อโปรดทราบ

ขอแสดงความนับถือ



นักวิเคราะห์นโยบายและแผนชำนาญการพิเศษ ทรัพยากรธรรมชาติและสิ่งแวดล้อม
อุตสาหกรรมจังหวัดระยอง

กลุ่มโรงงานอุตสาหกรรม
โทร. ๐ ๓๘๘๐ ๘๐๗๗
โทรสาร ๐ ๓๘๖๑ ๓๖๔๔
ไปรษณีย์อิเล็กทรอนิกส์ moi_rayong@industry.go.th EY 04 m. 1 1 1 1
“ อุบัติเหตุ พรากติวิธ อย่าคิดประมาท ”

กลุ่มปกครอง
เลขที่ ๑๐๑ ๑๐๑ ๑๐๑
เวลา ๑.๐๒ ผู้รับ ดังกล่าว



บริษัท ไออาร์พีซี จำกัด (มหาชน)
IRPC Public Company Limited

ที่ SM 001/2562

14 มกราคม 2562

เรื่อง ขอมติว่าจ้างบริษัท ไออาร์พีซี จำกัด (มหาชน) ให้ดำเนินการเปลี่ยนแปลงรายละเอียดโครงการในรายงานการประเมินผลกระทบสิ่งแวดล้อมโครงการโรงงานผลิตน้ำมันหล่อลื่นพื้นฐาน (ครั้งที่ 2) ของบริษัท ไออาร์พีซี จำกัด (มหาชน)

เรียน ผู้อำนวยการจังหวัดระยอง

สิ่งที่ส่งมาด้วย รายงานการเปลี่ยนแปลงรายละเอียดโครงการในรายงานการประเมินผลกระทบสิ่งแวดล้อมโครงการโรงงานผลิตน้ำมันหล่อลื่นพื้นฐาน (ครั้งที่ 2) จำนวน 3 ฉบับ

เนื่องด้วยบริษัท ไออาร์พีซี จำกัด (มหาชน) มีความประสงค์ที่จะขอเปลี่ยนแปลงรายละเอียดโครงการโรงงานผลิตน้ำมันหล่อลื่นพื้นฐาน ทะเบียนโรงงานเลขที่ ข3-50(4)-1/41 ราย ตั้งอยู่ที่เขตประกอบการอุตสาหกรรม ไออาร์พีซี เลขที่ 299 หมู่ที่ 5 ถนนสุขุมวิท ตำบลเชิงเนิน อำเภอเมืองระยอง จังหวัดระยอง โดยมีรายละเอียดการขอเปลี่ยนแปลง ได้แก่

- 1) ขอเปลี่ยนแปลงขนาด/สัดส่วนการใช้ประโยชน์ที่ดิน รวมทั้งตำแหน่งและขนาดพื้นที่สีเขียว
- 2) ขอติดตั้ง Air Fan Cooler เพิ่มเติม 1 ตัว ที่หน่วยแยกแอสฟัลท์
- 3) ขอทบทวนอัตราค่าธรรมเนียมสารจากปล่องระบายน
- 4) ขอทบทวนการจัดการน้ำทิ้งจากหอระบายนความร้อน
- 5) ขอทบทวนมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม และมาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อม

ในการนี้ เพื่อให้สอดคล้องกับเงื่อนไขในมาตรการฯ แบบที่ตนังเสนอเห็นชอบที่ออกโดยสำนักงานนโยบายและแผนทรัพยากรธรรมชาติและสิ่งแวดล้อม ซึ่งระบุไว้ว่า “ในกรณีที่บริษัท ไออาร์พีซี จำกัด (มหาชน) มีความจำเป็นต้องเปลี่ยนแปลงรายละเอียดโครงการ หรือมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม และมาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อมตามที่เสนอไว้ในรายงานการวิเคราะห์ผลกระทบสิ่งแวดล้อมที่ได้เห็นชอบไว้แล้วให้บริษัท ไออาร์พีซี จำกัด (มหาชน) แจ้งให้หน่วยงานที่มีอำนาจหน้าที่ในการพิจารณาอนุมัติหรืออนุญาตดำเนินการ” บริษัทฯ จึงได้อบรมหมายให้บริษัท วิจัย อี คอนซัลแทนท์ จำกัด (บริษัทที่ปรึกษา) เป็นผู้จัดทำรายงานการเปลี่ยนแปลงรายละเอียดโครงการในรายงานการประเมินผลกระทบสิ่งแวดล้อม โครงการโรงงานผลิตน้ำมันหล่อลื่นพื้นฐาน (ครั้งที่ 2) เพื่อเสนอต่อสำนักงานอุตสาหกรรมจังหวัดระยองในฐานะหน่วยงานอนุญาตพิจารณา

บัดนี้ บริษัทที่ปรึกษา...



บริษัท ไออาร์พีซี จำกัด (มหาชน)
IRPC Public Company Limited

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บัดนี้ บริษัทที่ปรึกษาได้จัดทำรายงานดังกล่าวเสร็จเรียบร้อยแล้ว บริษัทฯ จึงขอแนบรายงานมาพร้อมกันหนังสือฉบับนี้ ดังสิ่งที่ส่งมาด้วย เพื่อดำเนินการตามขั้นตอนต่อไป

จึงเรียนมาเพื่อโปรดพิจารณา

ขอแสดงความนับถือ



ผู้ช่วยฯ ส่วนบริหารสิ่งแวดล้อมและโครงการเพื่อความยั่งยืน
สำนักบริหารความยั่งยืน
บริษัท ไออาร์พีซี จำกัด (มหาชน)

มาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม
และมาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อม
โครงการโรงงานผลิตน้ำมันห่อถั่วพื้นฐาน
โครงการโรงงานผลิตน้ำมันห่อถั่วพื้นฐาน ครั้งที่ 2)
ตั้งอยู่ที่เขตประกอบการอุตสาหกรรมไออาร์พีซี
ตำบลเชิงเนิน อำเภอเมืองระยอง จังหวัดระยอง
ที่บริษัท ไออาร์พีซี จำกัด (มหาชน) ต้องยึดถือปฏิบัติอย่างเคร่งครัด

| | | | |
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| | รูปถ่าย 2x2 | กรรณ 21/๐๙/๒๕๖๒ (นางสาวนงนิจ ลิขิตพา) ผู้ควบคุมงานสิ่งแวดล้อม บริษัท 5๖๖ 5 ควบ ๒๒๒๒๒๒๒๒ จำกัด | หน้า 147 |
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ตารางที่ 1

มาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม (ระยะก่อสร้าง)
(ภายใต้การเปลี่ยนแปลงรายละเอียดโครงการ ในรายงานการประเมินผลกระทบสิ่งแวดล้อม โครงการงานผลิตน้ำมันห่อถั่วพื้นฐาน ครั้งที่ 2) ของบริษัท ไออาร์พีซี จำกัด (มหาชน)

| องค์ประกอบสิ่งแวดล้อม | มาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม | สถานที่ดำเนินการ | ระยะเวลา | ผู้รับผิดชอบ |
|-----------------------|---|--|--|---|
| 1. คุณภาพอากาศ | 1.1 กำหนดให้มีการบำรุงรักษาและตรวจสอบสภาพเครื่องจักรและอุปกรณ์ที่ใช้ในการก่อสร้างตามระยะเวลาที่กำหนดไว้ในคู่มือและใบกำกับอุปกรณ์และเครื่องจักร เพื่อควบคุมมลพิษที่ระบายออกให้อยู่ในขีดจำกัดที่ยอมรับได้ 1.2 จัดตั้งความถี่ของรอบการตรวจเครื่องจักร และอุปกรณ์ มีค่าสูงเกินเกณฑ์โรงงาน ไม่ให้เกิน 30 กิโลเมตร/ชั่วโมง เพื่อลดการปล่อยของฝุ่นและของเหลวจากการเดินเครื่องจักร 1.3 ใช้วัสดุคลุมกระเบื้องของรอบการทาสีบนวัสดุในการก่อสร้าง เพื่อป้องกันการฟุ้งกระจายของฝุ่นของ และการสาดสาดของวัสดุก่อสร้าง ในกรณีที่มีวัสดุก่อสร้างร่วมปนเปื้อนในสีที่พ่นให้เสร็จสิ้น ผู้รับเหมาจะต้องจัดการให้ครบถ้วนก่อนเริ่มการทาสีก่อสร้างที่บริเวณงานให้เรียบร้อย 2.1 กำหนดให้ผู้ประกอบการเช่ารถบรรทุกขนส่ง (Mobile Tool) ให้มีความสะอาด สดจางบนรถบรรทุกและรถบรรทุกขนส่ง โดยต้องปฏิบัติตามกฎเกณฑ์และข้อกำหนดของรถบรรทุกขนส่งให้รถบรรทุกขนส่งที่ได้รับอนุญาตจากกรมการขนส่งทางบกให้ใช้ได้ 2.2 ห้ามให้มีการทิ้งขยะมูลฝอยหรือของเหลือใช้หรือสิ่งที่ไม่ควรทิ้งลงในบริเวณก่อสร้าง 2.3 จัดตั้งบริเวณพื้นที่เก็บขยะหรือของเหลือใช้จากโครงการระบบบำบัดของเสียโครงการ | - เครื่องจักรและอุปกรณ์ที่ใช้ในการก่อสร้าง - ถนนภายในโรงงานและถนนสาธารณะ - รอบรถบรรทุกที่เก็บส่งวัสดุก่อสร้าง - พื้นที่ก่อสร้าง - พื้นที่ก่อสร้าง - พื้นที่ก่อสร้าง | - ตลอดระยะเวลาก่อสร้าง - ตลอดระยะเวลาก่อสร้าง - ตลอดระยะเวลาก่อสร้าง - ตลอดระยะเวลาก่อสร้าง - ตลอดระยะเวลาก่อสร้าง - ตลอดระยะเวลาก่อสร้าง - ตลอดระยะเวลาก่อสร้าง | - บริษัท ไออาร์พีซี จำกัด (มหาชน) - บริษัท ไออาร์พีซี จำกัด (มหาชน) - บริษัท ไออาร์พีซี จำกัด (มหาชน) - บริษัท ไออาร์พีซี จำกัด (มหาชน) - บริษัท ไออาร์พีซี จำกัด (มหาชน) - บริษัท ไออาร์พีซี จำกัด (มหาชน) - บริษัท ไออาร์พีซี จำกัด (มหาชน) |

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| | รูปถ่าย 2x2 | หน้า 147 |
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| จุดประสงค์การเรียนรู้ | มาตรการที่ส่งเสริมการเรียนรู้ | สื่อที่ใช้ในการ | ระยะเวลา | ผู้รับผิดชอบ |
|-----------------------|---|-------------------|--------------------------|-----------------------------------|
| จุดประสงค์ที่ 1 (ต่อ) | | | | |
| 2.4 | ใบความรู้ที่ 1 การประกอบและสลายวงจรการกักเก็บน้ำ ตามเขาคascade เป็นต้น ใบความรู้ 3 หน้า เข้าใจได้ การประกอบและสลายวงจรกักเก็บน้ำ | - พื้นที่ก่อสร้าง | - สอดตรวจเวลาพักก่อสร้าง | - บริษัท ไออาร์พีซี จำกัด (มหาชน) |
| 2.5 | กำหนดให้ผู้เรียนทำการเก็บภาพ และทำแบบสอบถามความรู้ในขั้นที่ก่อสร้าง และบันทึกข้อสงสัยหรือคำถามก่อนหรือขณะปฏิบัติงานและนำมาตั้งคำถามได้ | - พื้นที่ก่อสร้าง | - สอดตรวจเวลาพักก่อสร้าง | - บริษัท ไออาร์พีซี จำกัด (มหาชน) |
| 3.1 | พื้นที่ก่อสร้างมีการก่อสร้างและดำเนินการติดตั้งเครื่องจักรอุปกรณ์ให้ปลอดภัยในระหว่างเวลา 18.00-07.00 น. รวมทั้งหมด 8 ชั่วโมง | - พื้นที่ก่อสร้าง | - สอดตรวจเวลาพักก่อสร้าง | - บริษัท ไออาร์พีซี จำกัด (มหาชน) |
| 3.2 | กำหนดให้ผู้มีการตรวจสอบและซ่อมบำรุงเครื่องจักรและอุปกรณ์ในการก่อสร้างอย่างสม่ำเสมอ เช่น มีการเปลี่ยนน้ำมันเครื่อง มีการเติมน้ำมันต่าง ๆ ไม่ปนเปื้อน เกือบครบตามกำหนดและมีการตรวจเช็คระดับน้ำมัน | - พื้นที่ก่อสร้าง | - สอดตรวจเวลาพักก่อสร้าง | - บริษัท ไออาร์พีซี จำกัด (มหาชน) |
| 4.1 | พื้นที่ก่อสร้างเสร็จสิ้นแล้วประมาณ 10 เปอร์เซ็นต์ ในระหว่างเวลา 07.00-8.00 น. และเวลา 16.30-17.30 น. รวมแล้วประมาณ 2 ชั่วโมง | - พื้นที่ก่อสร้าง | - สอดตรวจเวลาพักก่อสร้าง | - บริษัท ไออาร์พีซี จำกัด (มหาชน) |
| 4.2 | ตรวจสอบการดำเนินการซ่อมแซมของงานที่มีการปฏิบัติงานเสร็จตามเวลาตามการกำหนดตามการประเมินผล และกำหนดให้มีการตรวจสอบความพึงพอใจและความเป็นอยู่ของช่างก่อนกลับเข้าไปพัก | - พื้นที่ก่อสร้าง | - สอดตรวจเวลาพักก่อสร้าง | - บริษัท ไออาร์พีซี จำกัด (มหาชน) |
| 4.3 | กำหนดให้ผู้เรียนได้มีการประเมินงานเชิงปริมาณเชิงคุณภาพและเชิงเวลาของโครงการ รวมทั้งบันทึกงานเชิงปริมาณและเชิงเวลาของงานที่มีปริมาณงานตามงานที่กำหนด | - พื้นที่ก่อสร้าง | - สอดตรวจเวลาพักก่อสร้าง | - บริษัท ไออาร์พีซี จำกัด (มหาชน) |
| 4.4 | กำหนดให้รวมคุณสมบัติการประเมินการปฏิบัติงานของงานที่กำหนดไว้ให้เป็นไปตามมาตรฐานที่กำหนด | - พื้นที่ก่อสร้าง | - สอดตรวจเวลาพักก่อสร้าง | - บริษัท ไออาร์พีซี จำกัด (มหาชน) |

| ลำดับโครงการสิ่งแวดล้อม | มาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม | สถานที่ตั้งโครงการ | รายละเอียด | ผู้รับผิดชอบ |
|-----------------------------------|---|---|-----------------------------|---------------------------------------|
| 6. การขุดลอกและขุดดิน (ต่อ) | 6.3 เริ่มกระบวนการประเมินผลกระทบจากการขุดลอก EIA Monitoring ของกรมชลประทาน ตรวจสอบการถือสิทธิ์ที่ดินของเอกชน ผู้เช่าพื้นที่ ๖ แห่ง ผู้ครอบครองส่วนราชการ ผู้เช่าเอกชน ผู้ถือกรรมสิทธิ์ที่ดิน สหกรณ์การเกษตร | - คณะกรรมการ EIA Monitoring ของกรม ชลประทาน | - สอดคล้องรายละเอียดข้างต้น | - บริษัท ไทยกรีฟิตซ์ จำกัด (มหาชน) |
| 7. อธิษฐานน้ำ และควบคุมป้องกัน | 7.1 พิจารณาพื้นที่ปลูกพืชทดแทนในการถือกรรมสิทธิ์ที่ดินปลูกข้าวใน ๒ ไร่ของพื้นที่เช่า และถือกรรมสิทธิ์ที่ดินของเอกชน ๖ แห่ง และควบคุมพื้นที่การถือกรรมสิทธิ์ที่ดิน และถือกรรมสิทธิ์ที่ดินของเอกชน ๖ แห่ง และควบคุมพื้นที่การถือกรรมสิทธิ์ที่ดิน | - พื้นที่ถือกรรม สิทธิ์ | - สอดคล้องรายละเอียดข้างต้น | - บริษัท ไทยกรีฟิตซ์ จำกัด (มหาชน) |
| | 7.2 กำหนดให้มีแผนการและวิธีปฏิบัติในการขุดลอกและควบคุมพื้นที่การถือกรรมสิทธิ์ที่ดิน และควบคุมพื้นที่การถือกรรมสิทธิ์ที่ดินของเอกชน ๖ แห่ง และควบคุมพื้นที่การถือกรรมสิทธิ์ที่ดิน และถือกรรมสิทธิ์ที่ดินของเอกชน ๖ แห่ง และควบคุมพื้นที่การถือกรรมสิทธิ์ที่ดิน | - พื้นที่ถือกรรม สิทธิ์ | - สอดคล้องรายละเอียดข้างต้น | - บริษัท ไทยกรีฟิตซ์ จำกัด (มหาชน) |
| | 7.3 กำหนดให้ขุดลอกและควบคุมพื้นที่การถือกรรมสิทธิ์ที่ดินของเอกชน ๖ แห่ง และควบคุมพื้นที่การถือกรรมสิทธิ์ที่ดิน และถือกรรมสิทธิ์ที่ดินของเอกชน ๖ แห่ง และควบคุมพื้นที่การถือกรรมสิทธิ์ที่ดิน | - พื้นที่ถือกรรม สิทธิ์ | - สอดคล้องรายละเอียดข้างต้น | - บริษัท ไทยกรีฟิตซ์ จำกัด (มหาชน) |
| | 7.4 กำหนดให้ขุดลอกและควบคุมพื้นที่การถือกรรมสิทธิ์ที่ดินของเอกชน ๖ แห่ง และควบคุมพื้นที่การถือกรรมสิทธิ์ที่ดิน และถือกรรมสิทธิ์ที่ดินของเอกชน ๖ แห่ง และควบคุมพื้นที่การถือกรรมสิทธิ์ที่ดิน | - พื้นที่ถือกรรม สิทธิ์ | - สอดคล้องรายละเอียดข้างต้น | - บริษัท ไทยกรีฟิตซ์ จำกัด (มหาชน) |

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ตารางที่ 2 (ต่อ)

ตารางที่ 2 (ต่อ)

| ข้อควรระวัง/ข้อควรคำนึง | มาตรการป้องกัน/การบรรเทาผลกระทบ | สถานที่/กิจกรรม | ระยะเวลา | ผู้รับผิดชอบ |
|-------------------------|--|--|-------------------------|-----------------------------------|
| 1. มาตรการทั่วไป (ต่อ) | 1.17 ยืนยันให้มีการปฏิบัติตามข้อกำหนดและเงื่อนไขของสัญญาจ้างบริการ และปฏิบัติตามข้อกำหนดด้านสิ่งแวดล้อมของหน่วยงานที่เกี่ยวข้อง (TMSD, PWS) ที่กำหนดให้ปฏิบัติตามกฎหมายสิ่งแวดล้อมอย่างเคร่งครัด ทั้งนี้ หน่วยงานบริหารจัดการขยะมูลฝอยและสิ่งปฏิกูลจะปฏิบัติตามมาตรฐานการปฏิบัติ (Solid Waste Management) เพื่อให้มีความโปร่งใสและเป็นธรรม (Corporate Governance) ด้านสิ่งแวดล้อม | - พื้นที่โครงการ | - ตลอดระยะเวลาดำเนินการ | - บริษัท ไออาร์พีซี จำกัด (มหาชน) |
| 2. มาตรการเฉพาะ | 2.1 จัดให้มีการควบคุมการระบาย (Emission Limit) ของมลสาร ได้แก่ NO _x , SO _x และ TSP | - พื้นที่โครงการ | - ตลอดระยะเวลาดำเนินการ | - บริษัท ไออาร์พีซี จำกัด (มหาชน) |
| | 2.2 ควบคุมการเข้าพื้นที่ของมลสาร ที่ระบอบออกจากระบบบำบัด VDU, SEU 1, SEU 2B, DAU และ ABU ไม่ให้เกินมาตรฐานของหน่วยงานราชการที่เกี่ยวข้อง และควบคุมอัตราการระเหยของมลสาร (g/h) จากแหล่งผลิตก๊าซ ดังนี้ (รายละเอียดดูตารางที่ 2-4) - VDU, TSP < 2.2610 g/h, SO _x < 26.1110 g/h, NO _x < 3.3521 g/h - SEU 1, TSP < 2.1600 g/h, SO _x < 19.8600 g/h, NO _x < 3.5939 g/h - SEU 2B, TSP < 0.8900 g/h, SO _x < 0.0072 g/h, NO _x < 0.4574 g/h - DAU, TSP < 2.6900 g/h, SO _x < 16.512805 g/h, NO _x < 3.01454 g/h - ABU, TSP < 0.410 g/h, SO _x < 0.4276 g/h, NO _x < 0.256 g/h | - พื้นที่โครงการ ได้แก่ หน่วย VDU SEU 1, SEU 2B, DAU และ ABU | - ตลอดระยะเวลาดำเนินการ | - บริษัท ไออาร์พีซี จำกัด (มหาชน) |
| | 2.3 มาตรการบรรเทาผลกระทบจากโครงการที่ส่งผลต่อการเปลี่ยนแปลงของสิ่งแวดล้อมโครงการ ได้แก่ SO _x , NO _x , TSP และ TSP 0.2490 g/h จะมีการใช้โครงการ ไรท์ติ้ง (Righting) ในพื้นที่โครงการ หรือโครงการพัฒนาอื่น ๆ ของเจ้าภาพโครงการอุตสาหกรรม ไออาร์พีซี โดยขอใช้จุดประจักษ์การดูแลการรวมไออาร์พีซี (Righting) ในการจัดการระบบมลสารจากอาคารในภาพรวมของพื้นที่ | - พื้นที่โครงการ | - ตลอดระยะเวลาดำเนินการ | - บริษัท ไออาร์พีซี จำกัด (มหาชน) |



บริษัท ไออาร์พีซี จำกัด (มหาชน)


หน้า 1447

ตารางที่ 2-1

ค่าอัตราการระเหยของมลสารจากท่อของโครงการโรงงานผลิตแก๊สไฮโดรเจนของ บริษัท ไออาร์พีซี จำกัด (มหาชน)

| แหล่งกำเนิด | พื้นที่ UTM | | ความสูง ปล่อง (m) | เส้นผ่าน ศูนย์กลาง (m) | จุดศูนย์กลาง ปล่อง (m) | ความกว้าง ปล่อง (m) | ทิศทางที่พัด (Dir/o) | อัตราการระเหย (g/h) | |
|--------------------------------------|-------------|---------|----------------------|---------------------------|---------------------------|------------------------|-------------------------|---------------------|-----------------|
| | X | Y | | | | | | TSP | NO _x |
| (1) VDU (Vacuum Distillation Unit) | 752147 | 1401843 | 42 | 1.916 | 4971.5 | 7.75 | 11.22 | 2.361 | 3.3521 |
| (2) SEU 1 (Solvent Extraction Unit) | 752151 | 1401780 | 39 | 1.792 | 5781.5 | 8.63 | 11.16 | 2.160 | 3.5939 |
| (3) SEU 2B (Solvent Extraction Unit) | 752162 | 1401784 | 39 | 1.474 | 561.69 | 4.71 | 4.37 | 0.890 | 0.4574 |
| (4) DAU (Densifying Unit) | 752139 | 1401839 | 49 | 2.097 | 579.15 | 7.87 | 15.19 | 2.690 | 3.01454 |
| (5) ABU (Asphalt Blowing Unit) | 752323 | 1401940 | 24 | 1.000 | 1,073.15 | 12.24 | 5.65 | 0.410 | 0.256 |

ที่มา: บริษัท ไออาร์พีซี จำกัด (มหาชน), 2562



บริษัท ไออาร์พีซี จำกัด (มหาชน)

หน้า 1447

ตารางที่ 2 (ต่อ)

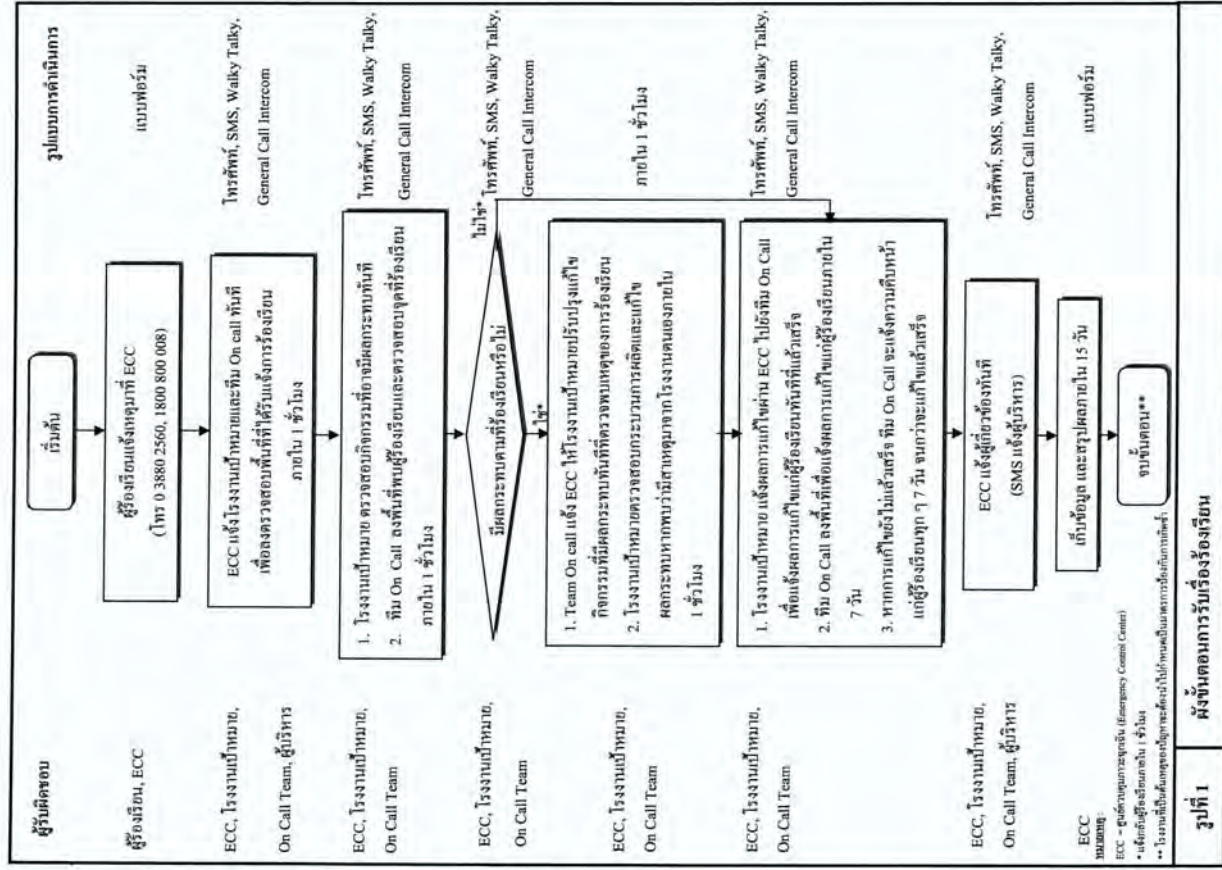
| องค์ประกอบด้านสิ่งแวดล้อม | มาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม | สถานที่ดำเนินการ | ระยะเวลา | ผู้รับผิดชอบ |
|-----------------------------------|--|--|--|--------------------------------------|
| 5. การผสมผสาน (ต่อ) | 5.2 การผสมผสาน 1) จัดทำพื้นที่ที่ประสาณบนพื้นที่เกษตรกรรมโดยมีพื้นที่ 100 ไร่ หรือ 100 ไร่ 2) จัดทำพื้นที่ที่ประสาณบนพื้นที่เกษตรกรรมโดยมีพื้นที่ 100 ไร่ หรือ 100 ไร่ เพื่อ พื้นที่มีความเหมาะสมต่อการผลิต | - บริเวณพื้นที่เกษตรกรรม - พื้นที่โครงการ | - ตลอดระยะเวลาดำเนินการ - ตลอดระยะเวลาดำเนินการ | - บริษัท ไออาร์พีซี จำกัด (มหาชน) |
| 6. การบรรเทา และป้องกันผลกระทบ | 6.1 จัดทำโครงการปลูกป่าทดแทนในพื้นที่ที่ได้รับผลกระทบจากการดำเนินงาน การปลูกต้นไม้ทดแทนในพื้นที่ที่ได้รับผลกระทบจากการดำเนินงาน | - พื้นที่โครงการ | - ตลอดระยะเวลาดำเนินการ | - บริษัท ไออาร์พีซี จำกัด (มหาชน) |
| 7. ภาวะมลพิษ | 7.1 การจัดการน้ำเสีย จัดให้มีระบบบำบัดน้ำเสียที่ทันสมัยและระบบบำบัดน้ำเสีย 7.2 การจัดการน้ำเสีย จัดให้มีระบบบำบัดน้ำเสียที่ทันสมัยและระบบบำบัดน้ำเสีย | - พื้นที่โครงการ | - ตลอดระยะเวลาดำเนินการ | - บริษัท ไออาร์พีซี จำกัด (มหาชน) |
| | 7.3 การจัดการน้ำเสีย จัดให้มีระบบบำบัดน้ำเสียที่ทันสมัยและระบบบำบัดน้ำเสีย | - พื้นที่โครงการ | - ตลอดระยะเวลาดำเนินการ | - บริษัท ไออาร์พีซี จำกัด (มหาชน) |
| | 7.4 การจัดการน้ำเสีย จัดให้มีระบบบำบัดน้ำเสียที่ทันสมัยและระบบบำบัดน้ำเสีย | - พื้นที่โครงการ | - ตลอดระยะเวลาดำเนินการ | - บริษัท ไออาร์พีซี จำกัด (มหาชน) |

รูปที่ 2.147

ตารางที่ 2 (ต่อ)

| องค์ประกอบด้านสิ่งแวดล้อม | มาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม | สถานที่ดำเนินการ | ระยะเวลา | ผู้รับผิดชอบ |
|---------------------------|---|------------------|-------------------------|--------------------------------------|
| 7. ภาวะมลพิษ (ต่อ) | 7.5 การจัดการน้ำเสีย จัดให้มีระบบบำบัดน้ำเสียที่ทันสมัยและระบบบำบัดน้ำเสีย | - พื้นที่โครงการ | - ตลอดระยะเวลาดำเนินการ | - บริษัท ไออาร์พีซี จำกัด (มหาชน) |
| | 7.6 การจัดการน้ำเสีย จัดให้มีระบบบำบัดน้ำเสียที่ทันสมัยและระบบบำบัดน้ำเสีย | - พื้นที่โครงการ | - ตลอดระยะเวลาดำเนินการ | - บริษัท ไออาร์พีซี จำกัด (มหาชน) |
| 8. ภาวะมลพิษและอื่น | 8.1 การจัดการน้ำเสีย จัดให้มีระบบบำบัดน้ำเสียที่ทันสมัยและระบบบำบัดน้ำเสีย | - พื้นที่โครงการ | - ตลอดระยะเวลาดำเนินการ | - บริษัท ไออาร์พีซี จำกัด (มหาชน) |
| | 8.2 การจัดการน้ำเสีย จัดให้มีระบบบำบัดน้ำเสียที่ทันสมัยและระบบบำบัดน้ำเสีย | - พื้นที่โครงการ | - ตลอดระยะเวลาดำเนินการ | - บริษัท ไออาร์พีซี จำกัด (มหาชน) |
| | 8.3 การจัดการน้ำเสีย จัดให้มีระบบบำบัดน้ำเสียที่ทันสมัยและระบบบำบัดน้ำเสีย | - พื้นที่โครงการ | - ตลอดระยะเวลาดำเนินการ | - บริษัท ไออาร์พีซี จำกัด (มหาชน) |

รูปที่ 2.147



| | | |
|---------------------------------|--------------|------------------------------------|
| บริษัท ไออาร์พีซี จำกัด (มหาชน) | หมายเลข 2562 | บริษัท จำกัด อี คอนสตรัคชั่น จำกัด |
| | | |

ตารางที่ 2 (ต่อ)

| องค์ประกอบด้านสิ่งแวดล้อมและความปลอดภัย | มาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม | สถานที่ดำเนินการ | ระยะเวลา | ผู้รับผิดชอบ |
|--|--|------------------|-------------------------|-----------------------------------|
| 10. อากาศภายในและความปลอดภัย | 10.1 จัดตั้งคณะกรรมการความปลอดภัยของสิ่งอำนวยความสะดวกในอาคารในครั้งต่อไป | - พื้นที่โครงการ | - ตลอดระยะเวลาดำเนินการ | - บริษัท ไออาร์พีซี จำกัด (มหาชน) |
| | 1) กำหนดนโยบายด้านการปลอดภัย | | | |
| | 2) กำหนด กฎ ระเบียบ ข้อบังคับ และการปฏิบัติด้านความปลอดภัยและความปลอดภัย | | | |
| | 3) ความปลอดภัยด้านนิเวศน์ด้านความปลอดภัยและความปลอดภัยให้เป็นไปตามแผน | | | |
| | 4) จัดระเบียบความปลอดภัยของสิ่งอำนวยความสะดวก | | | |
| | 10.2 จัดให้มีสื่อใช้ประชาสัมพันธ์เกี่ยวกับความปลอดภัยของ (Open) ให้แก่ชุมชนกับประชาชน | - พื้นที่โครงการ | - ตลอดระยะเวลาดำเนินการ | - บริษัท ไออาร์พีซี จำกัด (มหาชน) |
| | 10.3 กำหนดจุดตรวจใช้กล้องเพื่อป้องกันความเสียหายและสิ่งผิดกฎหมายของสิ่งอำนวยความสะดวก | - พื้นที่โครงการ | - ตลอดระยะเวลาดำเนินการ | - บริษัท ไออาร์พีซี จำกัด (มหาชน) |
| 10.4 จัดให้มีห้องสำหรับศูนย์จักร (Control Room) เพื่อจัดการสิ่งผิดกฎหมาย | 10.4 จัดให้มีห้องสำหรับศูนย์จักร (Control Room) เพื่อจัดการสิ่งผิดกฎหมาย | - พื้นที่โครงการ | - ตลอดระยะเวลาดำเนินการ | - บริษัท ไออาร์พีซี จำกัด (มหาชน) |
| | 10.5 กำหนดแผนป้องกันและระงับเหตุร้ายร่วมกันจัดให้มีอุปกรณ์ฉุกเฉินและแผนฉุกเฉิน | - พื้นที่โครงการ | - ตลอดระยะเวลาดำเนินการ | - บริษัท ไออาร์พีซี จำกัด (มหาชน) |
| | 10.6 จัดให้มีการอบรมเรื่องความปลอดภัยแก่พนักงานในเรือต่าง ๆ ดังนี้ | - พื้นที่โครงการ | - ตลอดระยะเวลาดำเนินการ | - บริษัท ไออาร์พีซี จำกัด (มหาชน) |
| | 1) ความปลอดภัยในกระบวนการผลิต | | | |
| | 2) ความปลอดภัยในการปฏิบัติงานเกี่ยวกับความปลอดภัย สิ่งอำนวยความสะดวก การติดตั้งและการใช้โปรแกรมติดตั้งต่าง ๆ | | | |
| 10.7 จัดตั้งห้องจัดตั้งสิ่งผิดกฎหมายสำหรับงานด้านอื่น | 10.7 จัดตั้งห้องจัดตั้งสิ่งผิดกฎหมายสำหรับงานด้านอื่น | - พื้นที่โครงการ | - ตลอดระยะเวลาดำเนินการ | - บริษัท ไออาร์พีซี จำกัด (มหาชน) |

Signature
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ตารางที่ 2 (ต่อ)

| องค์ประกอบด้านสิ่งแวดล้อมและความปลอดภัย | มาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม | สถานที่ดำเนินการ | ระยะเวลา | ผู้รับผิดชอบ |
|---|--|---|-------------------------|-----------------------------------|
| 10. อากาศภายในและความปลอดภัย | 10.8 จัดตั้งกรรมการสิ่งแวดล้อมของสิ่งอำนวยความสะดวกต่าง ๆ | - พื้นที่โครงการ | - ตลอดระยะเวลาดำเนินการ | - บริษัท ไออาร์พีซี จำกัด (มหาชน) |
| | 10.9 จัดให้มีห้องพยาบาล เรือต่าง ๆ และรถพยาบาลสำหรับสิ่งอำนวยความสะดวก | - พื้นที่โครงการ และจุดประกอบอาคารอุตสาหกรรม ไออาร์พีซี | - ตลอดระยะเวลาดำเนินการ | - บริษัท ไออาร์พีซี จำกัด (มหาชน) |
| | 10.10 ให้มีการจัดทำ Safe Ambulance โดยพิจารณาถึงรูปแบบและประเภทของอุบัติเหตุ | - พื้นที่โครงการ | - ตลอดระยะเวลาดำเนินการ | - บริษัท ไออาร์พีซี จำกัด (มหาชน) |
| | 10.11 จัดตั้งศูนย์ความปลอดภัยของสิ่งอำนวยความสะดวกและสิ่งผิดกฎหมาย | - พื้นที่โครงการ และจุดประกอบอาคารอุตสาหกรรม ไออาร์พีซี | - ตลอดระยะเวลาดำเนินการ | - บริษัท ไออาร์พีซี จำกัด (มหาชน) |
| | 10.12 จัดให้มีแผนปฏิบัติการฉุกเฉินของโครงการ และแผนปฏิบัติการฉุกเฉินของเขต | - พื้นที่โครงการ และจุดประกอบอาคารอุตสาหกรรม ไออาร์พีซี | - ตลอดระยะเวลาดำเนินการ | - บริษัท ไออาร์พีซี จำกัด (มหาชน) |

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ตารางที่ 2 (ต่อ)

| องค์ประกอบด้านสิ่งแวดล้อม | มาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม | สถานที่ดำเนินการ | ระยะเวลา | ผู้รับผิดชอบ |
|---------------------------------|---|--|---------------------------------|-----------------------------------|
| 11. การป้องกันดินร่วนซุย | 11.1 ส่วนการผลิต | สถานที่ดำเนินการ | ระยะยาว | ผู้รับผิดชอบ |
| รวม 64 | 1) มีระบบ Distributed Control System (DCS) สำหรับควบคุมการทำงานของระบบ | - บริเวณส่วนการผลิต | - ตลอดระยะเวลาดำเนินการ | - บริษัท ไออาร์พีซี จำกัด (มหาชน) |
| | 2) มีระบบ Double Safety Relief Valve ที่ทั้ง Outer จากหอกลั่นทุกหอที่ความกดดันและควบคุมได้ในการทำงานจนกว่าจะมีคนกดที่หัวซึ่งไม่ยอมเปิดระบบ อีกตัวหนึ่งจะไว้ใช้งานแทน | - Outer Pipe ของ VDU | - ตลอดระยะเวลาดำเนินการ | - บริษัท ไออาร์พีซี จำกัด (มหาชน) |
| | 3) มีมาตรการ Preventive Maintenance เกี่ยวกับประสิทธิภาพของอุปกรณ์ตั้งแต่ Check Record, Check use Alarm ต่าง ๆ (ที่มีโดยทั่วไประบุใน Manual) เพื่อให้สามารถตรวจจับความผิดปกติได้ทันที | - เครื่องวัดทิศทางอุณหภูมิระดับและระดับความดันต่าง ๆ | - ตลอดระยะเวลาดำเนินการ | - บริษัท ไออาร์พีซี จำกัด (มหาชน) |
| | 4) มีการจัดระบบ Zoning กัน Traffic Route ภายในส่วนการผลิตที่ประกอบด้วยความปลอดภัยและระบบของสถานที่ รวมทั้งการเข้าใช้งานส่วนการผลิตของบุคคลภายนอก หรือพนักงานชั่วคราว จะต้องมีเอกสาร Work Permit | - ส่วนการผลิต | - ตลอดระยะเวลาดำเนินการ | - บริษัท ไออาร์พีซี จำกัด (มหาชน) |
| | 5) จัดทำและปรับปรุง Safety Regulation | - ตลอดทั้งโรงงาน | - ตลอดระยะเวลาดำเนินการ | - บริษัท ไออาร์พีซี จำกัด (มหาชน) |
| | 6) มีระบบ Interlock ระบบ ควบคุมการจัดการเข้าสู่ระบบ | - อุปกรณ์ที่มีการควบคุมความดัน | - ตลอดระยะเวลาดำเนินการ | - บริษัท ไออาร์พีซี จำกัด (มหาชน) |
| 11.2 ส่วนบำบัดน้ำ | 1) จัดให้มีกำหนดด้านความปลอดภัยในการปฏิบัติงานบริเวณลานฝัง | - ภายในส่วนบำบัดน้ำ | - ตลอดระยะเวลาดำเนินการ | - บริษัท ไออาร์พีซี จำกัด (มหาชน) |
| | 2) มี Bund Wall ติดกับ Tank Pit | - ภายในส่วนบำบัดน้ำ | - ตลอดระยะเวลาดำเนินการ | - บริษัท ไออาร์พีซี จำกัด (มหาชน) |
| บริษัท ไออาร์พีซี จำกัด (มหาชน) | บริษัท ไออาร์พีซี จำกัด (มหาชน) | บริษัท ไออาร์พีซี จำกัด (มหาชน) | บริษัท ไออาร์พีซี จำกัด (มหาชน) | บริษัท ไออาร์พีซี จำกัด (มหาชน) |

ONE
บริษัท ไออาร์พีซี จำกัด (มหาชน)

หน้า 6 ของทั้งหมด 4 หน้า (1/147)

หน้า 6 ของทั้งหมด 4 หน้า (1/147)

บริษัท ไออาร์พีซี จำกัด (มหาชน)

บริษัท ไออาร์พีซี จำกัด (มหาชน)

บริษัท ไออาร์พีซี จำกัด (มหาชน)

ตารางที่ 2 (ต่อ)

| องค์ประกอบด้านสิ่งแวดล้อม | มาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม | สถานที่ดำเนินการ | ระยะเวลา | ผู้รับผิดชอบ |
|---------------------------------|--|--|---------------------------------|-----------------------------------|
| 11. การป้องกันดินร่วนซุย | 11.3 การขุดลอกน้ำ | สถานที่ดำเนินการ | ระยะยาว | ผู้รับผิดชอบ |
| รวม 64 | 1) จัดการขุดลอกน้ำ | - บริเวณหน้าท่าของท่าเทียบเรือไออาร์พีซี | - ตลอดระยะเวลาดำเนินการ | - บริษัท ไออาร์พีซี จำกัด (มหาชน) |
| | 2) ห้ามขุดลอกบริเวณบ่อเก็บน้ำดิบที่เชื่อมกับบ่อเก็บน้ำดิบ | - บริเวณหน้าท่าของท่าเทียบเรือไออาร์พีซี | - ตลอดระยะเวลาดำเนินการ | - บริษัท ไออาร์พีซี จำกัด (มหาชน) |
| | 3) มี Inshore Boom ที่บริเวณบ่อเก็บน้ำดิบที่มีการเชื่อมกับบ่อเก็บน้ำดิบ | - บริเวณหน้าท่าของท่าเทียบเรือไออาร์พีซี | - ตลอดระยะเวลาดำเนินการ | - บริษัท ไออาร์พีซี จำกัด (มหาชน) |
| | 4) มีการติดตั้งอุปกรณ์ป้องกันดินร่วนซุยตามจุดเชื่อมต่อของบ่อเก็บน้ำดิบ | - บริเวณหน้าท่าของท่าเทียบเรือไออาร์พีซี | - ตลอดระยะเวลาดำเนินการ | - บริษัท ไออาร์พีซี จำกัด (มหาชน) |
| 11.4 การขนถ่ายกาก | 1) พนักงานของ Lake Oil Plant ที่เกี่ยวข้องกับการขนถ่ายกากน้ำมันและกากเคมีภัณฑ์ เช่น พลังงานความร้อน เครื่อง พลังงานความร้อน โรงงานผลิตเอทิลีน และ พลังงานอื่น ๆ ที่เกี่ยวข้องและใช้ปุ๋ยเคมีจากกากน้ำมันและกากเคมีภัณฑ์ที่ทิ้งเป็น เช่น หน้ากากในการผลิตเอทิลีนที่ทิ้งเป็น ถังเก็บกากน้ำมันและกากเคมีภัณฑ์ที่ทิ้งเป็นของอุปกรณ์ผลิต พลังงาน, Emergency Wash Shower, Eye Washer ในบริเวณใกล้เคียงโรงงาน และสิ่งกีดขวางการขนถ่ายกากน้ำมันให้พร้อมใช้ทุกครั้งที่มีการขนถ่ายกาก | - บริเวณของบ่อเก็บน้ำดิบ | - ตลอดระยะเวลาดำเนินการ | - บริษัท ไออาร์พีซี จำกัด (มหาชน) |
| | | - บริเวณของบ่อเก็บน้ำดิบ | - ตลอดระยะเวลาดำเนินการ | - บริษัท ไออาร์พีซี จำกัด (มหาชน) |
| บริษัท ไออาร์พีซี จำกัด (มหาชน) | บริษัท ไออาร์พีซี จำกัด (มหาชน) | บริษัท ไออาร์พีซี จำกัด (มหาชน) | บริษัท ไออาร์พีซี จำกัด (มหาชน) | บริษัท ไออาร์พีซี จำกัด (มหาชน) |

ONE
บริษัท ไออาร์พีซี จำกัด (มหาชน)

หน้า 6 ของทั้งหมด 4 หน้า (1/147)

บริษัท ไออาร์พีซี จำกัด (มหาชน)

บริษัท ไออาร์พีซี จำกัด (มหาชน)

บริษัท ไออาร์พีซี จำกัด (มหาชน)

ตารางที่ 2 (ต่อ)

[illegible]

| | | | | | |
|--|------------------|---|--|---|--|
| <div data-bbox="995 1267 1019 1415" style="background-color: black; width: 100%; height: 100%;"></div> | <p>จำนวน 252</p> | <div data-bbox="1043 1267 1067 1415" style="background-color: black; width: 100%; height: 100%;"></div> | <p>ผู้ควบคุมงาน วันที่ ๒๕/๕/๖๖ (นาย)</p> | <div data-bbox="1091 1267 1115 1415" style="background-color: black; width: 100%; height: 100%;"></div> | <p>ผู้ควบคุมงาน วันที่ ๒๕/๕/๖๖ (นาย)</p> |
| <div data-bbox="995 1415 1019 1563" style="background-color: black; width: 100%; height: 100%;"></div> | | | | <div data-bbox="1091 1415 1115 1563" style="background-color: black; width: 100%; height: 100%;"></div> | <p>ผู้ควบคุมงาน วันที่ ๒๕/๕/๖๖ (นาย)</p> |
| <div data-bbox="995 1563 1019 1711" style="background-color: black; width: 100%; height: 100%;"></div> | | | | <div data-bbox="1091 1563 1115 1711" style="background-color: black; width: 100%; height: 100%;"></div> | <p>ผู้ควบคุมงาน วันที่ ๒๕/๕/๖๖ (นาย)</p> |
| <div data-bbox="995 1711 1019 1859" style="background-color: black; width: 100%; height: 100%;"></div> | | | | <div data-bbox="1091 1711 1115 1859" style="background-color: black; width: 100%; height: 100%;"></div> | <p>ผู้ควบคุมงาน วันที่ ๒๕/๕/๖๖ (นาย)</p> |
| <div data-bbox="995 1859 1019 2007" style="background-color: black; width: 100%; height: 100%;"></div> | | | | <div data-bbox="1091 1859 1115 2007" style="background-color: black; width: 100%; height: 100%;"></div> | <p>ผู้ควบคุมงาน วันที่ ๒๕/๕/๖๖ (นาย)</p> |
| <div data-bbox="995 2007 1019 2154" style="background-color: black; width: 100%; height: 100%;"></div> | | | | <div data-bbox="1091 2007 1115 2154" style="background-color: black; width: 100%; height: 100%;"></div> | <p>ผู้ควบคุมงาน วันที่ ๒๕/๕/๖๖ (นาย)</p> |

ตารางที่ 2 (ต่อ)

[illegible]

หมายเหตุ : บทความที่เขียนได้ คือ บทความที่ปรับปรุงเพิ่มเติมไว้นานมากจนเปลี่ยนชื่อโครงการไว้หลายครั้งเพราะชื่อโครงการใหม่ตรงกับประเด็นหลักของบทความ

| | | | |
|--|-----------------|--|-----------------|
| <p>ผู้ควบคุมงาน บริษัท ไทย อิฐ จำกัด (มหาชน)</p> | <p>นาย 2562</p> | <p>ผู้ควบคุมงาน บริษัท ไทย อิฐ จำกัด (มหาชน)</p> | <p>นาย 3447</p> |
|--|-----------------|--|-----------------|

ตารางที่ 3

มาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อม (ระยะดำเนินการ)

ภายหลังการเปลี่ยนแปลงรายละเอียดโครงการ ในขออนุญาตประเมินผลกระทบสิ่งแวดล้อม โครงการโรงงานผลิตน้ำมันหล่อลื่นที่ฐาน ศรีเทพ 2 ของบริษัท ไออาร์พีซี จำกัด (มหาชน)

| องค์ประกอบ สิ่งแวดล้อม | พื้นที่ใช้ติดตามตรวจสอบ | วิธีการตรวจสอบ | ขอติดตามตรวจสอบ | ความถี่ | ผู้รับผิดชอบ |
|---|--|---|--|---|--------------------------------------|
| 1. คุณภาพอากาศ 1.1 คุณภาพอากาศ ในบริเวณ ชุมชนใกล้เคียง ของกิจกรรม ต่าง ๆ ที่เกิดขึ้น บริเวณโดยรอบ อุตสาหกรรม (อุตสาหกรรม) | - สถานีตรวจวัดมลพิษ (HC) - ก๊าซซัลเฟอร์ ไดออกไซด์ (SO ₂) - ก๊าซไนโตรเจน ไดออกไซด์ (NO ₂) - ก๊าซซัลเฟอร์ ไดออกไซด์ (SO ₂) - ก๊าซไนโตรเจน ไดออกไซด์ (NO ₂) | - Flame Ionization Detector หรือวิธีอื่น ๆ ตามที่กำหนดตามข้อกำหนด - Analyze UV Fluorescence หรือวิธีอื่น ๆ ตามที่กำหนดตามข้อกำหนด - Chemiluminescence Method หรือวิธีอื่น ๆ ตามที่กำหนดตามข้อกำหนด | - วัดค่าเฉลี่ยค่าเฉลี่ยรายวัน - ตรวจวัดแบบ - ตรวจวัดแบบรายวัน (ทุก 3 เดือน) ครั้งละ 7 วัน ต่อเนื่อง - ตรวจวัดแบบรายวัน ต่อเนื่อง 24 ชม. โดยใช้อุปกรณ์ อัตโนมัติวัดค่าเฉลี่ยรายวัน | - ตรวจวัด 4 ครั้ง/ปี (ทุก 3 เดือน) ครั้งละ 7 วัน ต่อเนื่อง - ตรวจวัดแบบรายวัน ต่อเนื่อง 24 ชม. โดยใช้อุปกรณ์ อัตโนมัติวัดค่าเฉลี่ยรายวัน | - บริษัท ไออาร์พีซี จำกัด (มหาชน) |

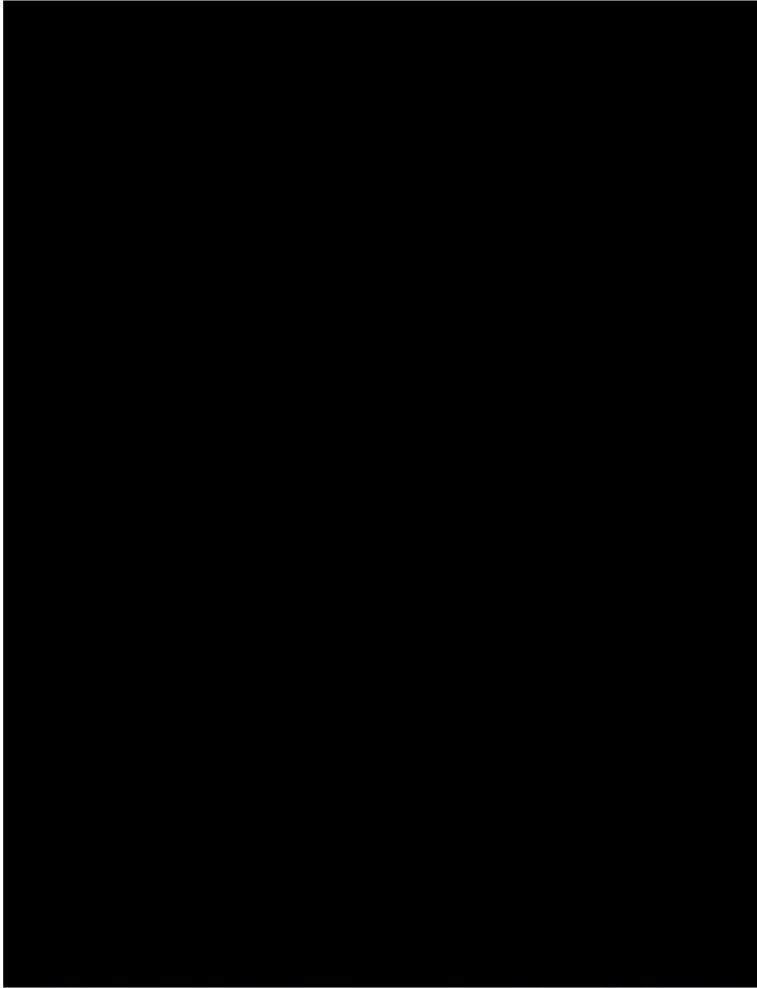
| | | | |
|------------|--|---|--|
| [Redacted] | | หมายเลข 2502 | [Redacted] |
| [Redacted] | | ผู้รับผิดชอบ บริษัท ไออาร์พีซี จำกัด (มหาชน) | บริษัท จำกัด 5 คณะกรรมการผู้จัดทำ บริษัท จำกัด 5 คณะกรรมการผู้จัดทำ |

หน้า 3547

ตารางที่ 3 (ต่อ)

| องค์ประกอบ ข้อมูลพื้นฐาน | หัวข้อที่ผู้ติดตามตรวจสอบ | วิธีการเก็บค่าตรวจวัด | สื่อที่ใช้ติดตามตรวจสอบ | ความถี่ | ผู้รับผิดชอบ |
|---|--|--|---|---|------------------------------------|
| 1.2 คุณภาพทาง กายภาพของ ชุมชนเป้าหมาย | - ก๊าซซัลเฟอร์ไดออกไซด์ (SO ₂) - ออกซิเจนใน ไคโตน (NOx) - ฝุ่นละอองรวม (TSP) | - US EPA Method 5 หรือวิธีอื่น ๆ ตามที่ หน่วยงานกำหนด - US EPA Method 5 หรือวิธีอื่น ๆ ตามที่ หน่วยงานกำหนด - US EPA Method 5 หรือวิธีอื่น ๆ ตามที่ หน่วยงานกำหนด | - VDU - เซลล์จำนวน 2 ช่อง (SEU) (use SEU 2B) - DAU - SRU (ใช้ตรวจสอบจากโรงกลั่นน้ำมัน) - ABU (รูปที่ 5) | - 2 ครั้ง/ปี (ต่อเนื่อง) - ไม่ซ้ำวันเดียวกัน - ตรวจสอบวันจันทร์ - ไม่พบ 24 ชั่วโมง | - บริษัท ไทยออยล์ จำกัด (มหาชน) |
| 2. คุณภาพน้ำ | 2.1 แหล่งน้ำจาก กระบวนการผลิต | - บีโอดี (BOD) - ขยะแข็งรวม (SS) - ความขุ่นรวมค่า (pH) - อุณหภูมิ (Temperature) - ปริมาณไขมัน (Oil and Grease) - อัตราการไหล (Flow Rate) | - พุ่มบ่อเก็บขยะ (Outlet) ของ CPU ก่อน ส่งสู่ระบบบำบัดน้ำเสียรวมทาง - พุ่มบ่อเก็บขยะ (Outlet) ของระบบ บำบัดน้ำเสียรวมทาง (รูปที่ 6) | - 1 ครั้ง/เดือน | - บริษัท ไทยออยล์ จำกัด (มหาชน) |

13.000, 24.000, 36.000, 48.000, 60.000, 72.000, 84.000, 96.000, 108.000, 120.000, 132.000, 144.000, 156.000, 168.000, 180.000, 192.000, 204.000, 216.000, 228.000, 240.000, 252.000, 264.000, 276.000, 288.000, 300.000, 312.000, 324.000, 336.000, 348.000, 360.000, 372.000, 384.000, 396.000, 408.000, 420.000, 432.000, 444.000, 456.000, 468.000, 480.000, 492.000, 504.000, 516.000, 528.000, 540.000, 552.000, 564.000, 576.000, 588.000, 600.000, 612.000, 624.000, 636.000, 648.000, 660.000, 672.000, 684.000, 696.000, 708.000, 720.000, 732.000, 744.000, 756.000, 768.000, 780.000, 792.000, 804.000, 816.000, 828.000, 840.000, 852.000, 864.000, 876.000, 888.000, 900.000, 912.000, 924.000, 936.000, 948.000, 960.000, 972.000, 984.000, 996.000, 1008.000, 1020.000, 1032.000, 1044.000, 1056.000, 1068.000, 1080.000, 1092.000, 1104.000, 1116.000, 1128.000, 1140.000, 1152.000, 1164.000, 1176.000, 1188.000, 1200.000, 1212.000, 1224.000, 1236.000, 1248.000, 1260.000, 1272.000, 1284.000, 1296.000, 1308.000, 1320.000, 1332.000, 1344.000, 1356.000, 1368.000, 1380.000, 1392.000, 1404.000, 1416.000, 1428.000, 1440.000, 1452.000, 1464.000, 1476.000, 1488.000, 1500.000, 1512.000, 1524.000, 1536.000, 1548.000, 1560.000, 1572.000, 1584.000, 1596.000, 1608.000, 1620.000, 1632.000, 1644.000, 1656.000, 1668.000, 1680.000, 1692.000, 1704.000, 1716.000, 1728.000, 1740.000, 1752.000, 1764.000, 1776.000, 1788.000, 1800.000, 1812.000, 1824.000, 1836.000, 1848.000, 1860.000, 1872.000, 1884.000, 1896.000, 1908.000, 1920.000, 1932.000, 1944.000, 1956.000, 1968.000, 1980.000, 1992.000, 2004.000, 2016.000, 2028.000, 2040.000, 2052.000, 2064.000, 2076.000, 2088.000, 2100.000, 2112.000, 2124.000, 2136.000, 2148.000, 2160.000, 2172.000, 2184.000, 2196.000, 2208.000, 2220.000, 2232.000, 2244.000, 2256.000, 2268.000, 2280.000, 2292.000, 2304.000, 2316.000, 2328.000, 2340.000, 2352.000, 2364.000, 2376.000, 2388.000, 2400.000, 2412.000, 2424.000, 2436.000, 2448.000, 2460.000, 2472.000, 2484.000, 2496.000, 2508.000, 2520.000, 2532.000, 2544.000, 2556.000, 2568.000, 2580.000, 2592.000, 2604.000, 2616.000, 2628.000, 2640.000, 2652.000, 2664.000, 2676.000, 2688.000, 2700.000, 2712.000, 2724.000, 2736.000, 2748.000, 2760.000, 2772.000, 2784.000, 2796.000, 2808.000, 2820.000, 2832.000, 2844.000, 2856.000, 2868.000, 2880.000, 2892.000, 2904.000, 2916.000, 2928.000, 2940.000, 2952.000, 2964.000, 2976.000, 2988.000, 3000.000, 3012.000, 3024.000, 3036.000, 3048.000, 3060.000, 3072.000, 3084.000, 3096.000, 3108.000, 3120.000, 3132.000, 3144.000, 3156.000, 3168.000, 3180.000, 3192.000, 3204.000, 3216.000, 3228.000, 3240.000, 3252.000, 3264.000, 3276.000, 3288.000, 3300.000, 3312.000, 3324.000, 3336.000, 3348.000, 3360.000, 3372.000, 3384.000, 3396.000, 3408.000, 3420.000, 3432.000, 3444.000, 3456.000, 3468.000, 3480.000, 3492.000, 3504.000, 3516.000, 3528.000, 3540.000, 3552.000, 3564.000, 3576.000, 3588.000, 3600.000, 3612.000, 3624.000, 3636.000, 3648.000, 3660.000, 3672.000, 3684.000, 3696.000, 3708.000, 3720.000, 3732.000, 3744.000, 3756.000, 3768.000, 3780.000, 3792.000, 3804.000, 3816.000, 3828.000, 3840.000, 3852.000, 3864.000, 3876.000, 3888.000, 3900.000, 3912.000, 3924.000, 3936.000, 3948.000, 3960.000, 3972.000, 3984.000, 3996.000, 4008.000, 4020.000, 4032.000, 4044.000, 4056.000, 4068.000, 4080.000, 4092.000, 4104.000, 4116.000, 4128.000, 4140.000, 4152.000, 4164.000, 4176.000, 4188.000, 4200.000, 4212.000, 4224.000, 4236.000, 4248.000, 4260.000, 4272.000, 4284.000, 4296.000, 4308.000, 4320.000, 4332.000, 4344.000, 4356.000, 4368.000, 4380.000, 4392.000, 4404.000, 4416.000, 4428.000, 4440.000, 4452.000, 4464.000, 4476.000, 4488.000, 4500.000, 4512.000, 4524.000, 4536.000, 4548.000, 4560.000, 4572.000, 4584.000, 4596.000, 4608.000, 4620.000, 4632.000, 4644.000, 4656.000, 4668.000, 4680.000, 4692.000, 4704.000, 4716.000, 4728.000, 4740.000, 4752.000, 4764.000, 4776.000, 4788.000, 4800.000, 4812.000, 4824.000, 4836.000, 4848.000, 4860.000, 4872.000, 4884.000, 4896.000, 4908.000, 4920.000, 4932.000, 4944.000, 4956.000, 4968.000, 4980.000, 4992.000, 5004.000, 5016.000, 50




ตารางที่ 3 (ต่อ)

| องค์ประกอบ ด้านสิ่งแวดล้อม | ตัวชี้วัดด้านความชอบ | วิธีการตรวจวัด | สถานที่ตรวจวัด | ความถี่ | ผู้รับผิดชอบ |
|---|---|--|--|--------------------------|--------------------------------------|
| 2.2 คุณภาพน้ำดื่ม (Shorn Water) | - บีโอดี (BOD) - ขยะแขวนลอย (SS) - ความเค็มกรด-ด่าง (pH) - น้ำมันและไขมัน (Oil and Grease) | - APIA 5210 B หรือวิธีอื่น ๆ ตามที่ หน่วยงานตรวจวัดกำหนด - APIA 2540 D หรือวิธีอื่น ๆ ตามที่ หน่วยงานตรวจวัดกำหนด - APIA 4500-Cl ₂ B หรือวิธีอื่น ๆ ตามที่ หน่วยงานตรวจวัดกำหนด - APIA 5520 B หรือวิธีอื่น ๆ ตามที่ หน่วยงานตรวจวัดกำหนด | - โรงบำบัดน้ำเสีย (Open Ditch) ก่อน รวมของน้ำทิ้งระบบบำบัดโครงการ - น้ำดื่มผ่านเครื่องกรองน้ำดื่ม | - 1 ครั้ง/ปี (ร่วมเดือน) | - บริษัท ไทยกรีฟู้ด จำกัด (มหาชน) |
| 2.3 น้ำทิ้งจากหอ ระเหยความร้อน (Cooling Blow-down) | - ขยะแขวนลอย (SS) - น้ำมันและไขมัน (Oil and Grease) | - APIA 2540 D หรือวิธีอื่น ๆ ตามที่ หน่วยงานตรวจวัดกำหนด - APIA 5520 B หรือวิธีอื่น ๆ ตามที่ หน่วยงานตรวจวัดกำหนด | - หอระเหยน้ำทิ้ง ก่อนระบายน้ำทิ้งไปยัง น้ำทิ้งระบบ 17,600 ลูกบาศก์เมตร ของระบบระบายน้ำเสียรวม โดยวิธี บีโอดี | - 1 ครั้ง/เดือน | - บริษัท ไทยกรีฟู้ด จำกัด (มหาชน) |
| 2.4 คุณภาพน้ำใช้ดับ | - ความเค็มกรด-ด่าง (pH) - ขยะแขวนลอย (SS) - น้ำมันและไขมัน (Oil and Grease) - บีโอดี (BOD) | - APIA 4500-Cl ₂ B หรือวิธีอื่น ๆ ตามที่ หน่วยงานตรวจวัดกำหนด - APIA 2540 D หรือวิธีอื่น ๆ ตามที่ หน่วยงานตรวจวัดกำหนด - APIA 5520 B หรือวิธีอื่น ๆ ตามที่ หน่วยงานตรวจวัดกำหนด - APIA 5210 B หรือวิธีอื่น ๆ ตามที่ หน่วยงานตรวจวัดกำหนด | - คณะกรรมการด้านพื้นที่โครงการ - บริษัทฯ ชุดป้องกันภัย - บริษัทฯ ชุดด้านพื้นที่โครงการ (ชุดที่ 7) | - 4 ครั้ง/ปี | - บริษัท ไทยกรีฟู้ด จำกัด (มหาชน) |

| | | | |
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| | คุณภาพน้ำ 2502 | |  ชื่อ นามสกุล ตำแหน่ง |
|--|----------------|--|---|

ตารางที่ 3 (ต่อ)

[illegible]

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| | quantaf 252 | | <div style="border: 1px solid black; padding: 2px;">  KONVE 12 rue de la Gare 92000 Nanterre tél. 42.47 </div> |
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ตารางที่ 3 (ต่อ)

ตารางที่ 3 (ต่อ)

| องค์ประกอบ ด้านเนื้อหา | วัตถุประสงค์ตามโครงการ | วิธีการดำเนินการ | ตามเป้าหมายโครงการ | ความถี่ | ผู้รับผิดชอบ |
|---------------------------|--|--|--|--|--|
| 7. ข้อเสนอแนะ | <ul style="list-style-type: none"> - บันทึกข้อคิดเห็นจากวิทยากรและผู้เข้าร่วมโครงการ - นำข้อคิดเห็นมาปรับปรุงและพัฒนาโครงการ - นำข้อคิดเห็นมาพัฒนาโครงการให้ดียิ่งขึ้น - นำข้อคิดเห็นมาพัฒนาโครงการให้ดียิ่งขึ้น | <ul style="list-style-type: none"> - วิทยากรและผู้เข้าร่วมโครงการ - วิทยากรและผู้เข้าร่วมโครงการ - วิทยากรและผู้เข้าร่วมโครงการ - วิทยากรและผู้เข้าร่วมโครงการ | <ul style="list-style-type: none"> - บันทึกข้อคิดเห็นจากวิทยากรและผู้เข้าร่วมโครงการ - นำข้อคิดเห็นมาปรับปรุงและพัฒนาโครงการ - นำข้อคิดเห็นมาพัฒนาโครงการให้ดียิ่งขึ้น - นำข้อคิดเห็นมาพัฒนาโครงการให้ดียิ่งขึ้น | <ul style="list-style-type: none"> - วิทยากรและผู้เข้าร่วมโครงการ - วิทยากรและผู้เข้าร่วมโครงการ - วิทยากรและผู้เข้าร่วมโครงการ - วิทยากรและผู้เข้าร่วมโครงการ | <ul style="list-style-type: none"> - วิทยากรและผู้เข้าร่วมโครงการ - วิทยากรและผู้เข้าร่วมโครงการ - วิทยากรและผู้เข้าร่วมโครงการ - วิทยากรและผู้เข้าร่วมโครงการ |

quantitat 2502

Blomte.
in 25a 3. (museo) 25. 4057 4547

ตารางที่ 3 (ต่อ)

| องค์ประกอบ ตัวชี้วัดย่อย | หัวข้อที่ผู้ติดตามตรวจสอบ | วิธีการตรวจสอบ | สมมติฐานการตรวจสอบ | ความถี่ | ผู้รับผิดชอบ |
|-------------------------------|---|----------------|-----------------------|----------------|--------------------------------------|
| 7. ขั้นตอนการจัดซื้อ (ต่อ) | - สรุปข้อตกลงกับพนักงาน และพนักงาน ประจำเป็นคณะกรรมการควบคุม สินค้าและบริการในครัวเรือน สินค้าและบริการในครัวเรือน สินค้าและบริการในครัวเรือน สินค้าและบริการในครัวเรือน | - สนับสนุน | - ตรวจสอบการดำเนินงาน | - ปีละ 1 ครั้ง | - บริษัท ไทยพาณิชย์ จำกัด (มหาชน) |

หมายเหตุ : ผลการวิจัยนี้ ได้ นำผลการเปลี่ยนแปลงเพิ่มเติม ไปหาขอรับการปรึกษาหารือ และขอใช้โครงการ และพื้นที่ของมหาวิทยาลัยราชภัฏวชิรวิทยาดอนเมือง

[illegible]

เอกสารแนบที่ 3

**เอกสารแจ้งหยุดเดินเครื่องจักรเพื่อดำเนินการซ่อมบำรุงเครื่องจักร
และอุปกรณ์ประจำปี 2565**

แบบแจ้งการหยุดเดินเครื่องจักรและรายละเอียดในการป้องกัน

แก้ไขปัญหาล้างแวล้อม

1. ชื่อผู้ประกอบการโรงงาน.....บริษัท ไออาร์พีซี จำกัด (มหาชน).....
2. สถานที่ตั้งโรงงาน.....299 หมู่ 5 อ. สุขุมวิท ต. เจริญนิม อ. เมือง จ. ระยอง 21000.....
3. ประเภทกิจการ.....ผลิตน้ำมันหล่อลื่นพื้นฐาน.....ทะเบียนโรงงานเลขที่.....จ 3-50(4)-1/41 รัช....
4. หยุดเดินเครื่องจักรเนื่องจาก (หยุดเครื่องจักรกรณีฉุกเฉิน)

PDU Plant EMERGENCY Shut Down ในเวลา 09:50 น วันที่ 9/02/2022 เนื่องจากพบรอยรั่วที่ท่อก่อนเข้า

23D004 propane drum และ ไม่มีจุด isolate

หยุดเครื่องจักร ระหว่างวันที่ 09.35 09/02/2022 ถึงวันที่ 00.00 11/02/2022

5. มาตรการป้องกันและแก้ไขปัญหาด้านสิ่งแวดล้อม และความปลอดภย

5.1) กระบวนการนำวัสดุดิบ ผลิตภัณฑ์ หรือวัสดุอื่นๆ ออกจากระบบ

ไม่มี

5.2) มาตรการป้องกันปัญหาล้างแวล้อมด้านมลพิษทางอากาศ เช่น วิธีการไม่เกิดเสียงออกจากระบบ

การใช้เชื้อเพลิง / อัตราส่วนในการเผาทั้งป่อง

ได้ระบบ Flare

5.3) มาตรการป้องกันปัญหาล้างแวล้อมด้านน้ำเสีย

ไม่มี

5.4) มาตรการป้องกันปัญหาล้างแวล้อมด้านกากอุตสาหกรรม

ไม่กระทบ

6. ชื่อผู้รับผิดชอบและประธานงาน

โทรศัพท์

โทร

ผู้รายงาน

ตำแหน่ง

เรียน อุตสาหกรรม จังหวัดระยอง

แบบแจ้งการหยุดเดินเครื่องจักรและรายละเอียดในการป้องกัน

แก้ไขปัญหาล้างแวล้อม

1. ชื่อผู้ประกอบการโรงงาน.....บริษัท ไออาร์พีซี จำกัด (มหาชน).....
2. สถานที่ตั้งโรงงาน.....299 หมู่ 5 อ. สุขุมวิท ต. เจริญนิม อ. เมือง จ. ระยอง 21000.....
3. ประเภทกิจการ.....โรงงานผลิตน้ำมันหล่อลื่นพื้นฐาน.....ทะเบียนโรงงานเลขที่.....จ 3-50(4)-1/41 รัช....
4. หยุดเดินเครื่องจักร.....(หยุดเดินเครื่องจักรกรณีฉุกเฉิน) เนื่องจากทำความสะอาดและอุปกรณ์

ของหน่วยการผลิต VDU, DAU และ ABU.....

หยุดเครื่องจักรฉุกเฉิน ระหว่างวันที่ 16 มีนาคม 2565ถึงวันที่..... 27 มีนาคม 2565

5. มาตรการป้องกันและแก้ไขปัญหาด้านสิ่งแวดล้อม และความปลอดภย

5.1) กระบวนการนำวัสดุดิบ ผลิตภัณฑ์ หรือวัสดุอื่นๆ ออกจากระบบ

.....มีการระบายน้ำมันเสีย ลงท่อส่งของเสียเข้าระบบกำจัด

5.2) มาตรการป้องกันปัญหาล้างแวล้อมด้านมลพิษทางอากาศ เช่น วิธีการไม่เกิดเสียงออกจากระบบ

การใช้เชื้อเพลิง / อัตราส่วนในการเผาทั้งป่อง

.....ได้เกิดเสียงออกจากระบบ เข้าสู่ระบบเผาที่หอเผาสูง (Flare) โดยเริ่มเวลา 00:00 น ถึง 24.00 น

วันที่ 16-18/03/2565

5.3) มาตรการป้องกันปัญหาล้างแวล้อมด้านน้ำเสีย

.....น้ำเสียส่งเข้าระบบบำบัดน้ำเสียตามปกติ ไม่มีผลกระทบต่อสิ่งแวดล้อม

5.4) มาตรการป้องกันปัญหาล้างแวล้อมด้านกากอุตสาหกรรม

.....ไม่มีกากอุตสาหกรรมจากการหยุดระบบ

6. ชื่อผู้รับผิดชอบและประธานงาน.....คุณปรัชญา ชื่นพงษ์พันธ์.....โทร

ผู้รายงาน

ตำแหน่ง

ปี ๒๕๖๕ ๒๖/๐๔/๒๕

เรียน อุตสาหกรรมจังหวัดระยอง

แบบแจ้งการหยุดเดินเครื่องจักรและรายละเอียดในการป้องกัน

แก้ไขปัญหาล้างแวล้อม

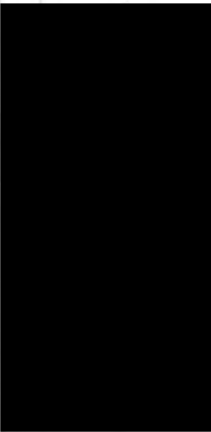
1. ชื่อผู้ประกอบการโรงงาน.....บริษัท ไออาร์พีซี จำกัด (มหาชน).....
2. สถานที่ตั้งโรงงาน.....299 หมู่ 5 ต. สุขุมวิท อ. เจริญนิคม อ. เมือง จ. ระยอง 21000.....
3. ประเภทกิจการ.....ผลิตน้ำมันหล่อลื่นพื้นฐาน.....ทะเบียนโรงงานเลขที่.....ข 3-50(4)-1/41 รย.....
4. หยุดเดินเครื่องจักรเนื่องจาก (หยุดเครื่องจักรกรณีฉุกเฉิน)
PDU Unit EMERGENCY Shut Down ในวันที่ 22/06/2022
เนื่องจาก Temp Bearing TAHH 2381A สูงทำให้ 23K001 Shutdown ตามระบบ Interlock "ไม่สามารถ Restart ได้"
หยุดเครื่องจักร ระหว่างวันที่ 14.40 22/06/2022 ถึงวันที่ 00.00 26/06/2022
5. มาตรการป้องกันและแก้ไขปัญหาล้างแวล้อม และความปลอดภัย
5.1) กระบวนการนำวัตถุดิบ ผิดลักษณะ หรือวัตถุดิบ อยู่นอกกระบวนการ
มีการลดความความดันในระบบลงบางส่วน ไปยังระบบ Flare เพื่อไม่ให้มีผลกระทบกับระบบความปลอดภัยของ Process โดยไม่มีผลกระทบกับสิ่งแวดล้อม

- 5.2) มาตรการป้องกันปัญหาล้างแวล้อมด้านมลพิษทางอากาศ เช่น วิธีการได้แก่วิธีแยกออกจากกระบวนการใช้เชื้อเพลิง / อัตราส่วนในการเผาไหม้ที่ปลอดภัย
ก่อนที่จะทำการลดความดันในระบบ ไปยังระบบ Flare จะต้องแจ้งทางหน่วยงาน IMIL ก่อนทุกครั้ง และแจ้งระบบ Flare อย่างต่อเนื่อง เพื่อให้ไม่มีผลกระทบต่อสิ่งแวดล้อม
5.3) มาตรการป้องกันปัญหาล้างแวล้อมด้านน้ำเสีย
ไม่มีผลกระทบต่อสิ่งแวดล้อมด้านน้ำเสีย เนื่องจาก กระบวนการนี้ไม่มีการผลิตน้ำเสีย

- 5.4) มาตรการป้องกันปัญหาล้างแวล้อมด้านความปลอดภัย

ไม่กระทบ

6. ชื่อผู้รับผิดชอบและประธานงาน



วิสิทธิ์

ผู้รายงาน

ตำแหน่ง

เอกสารแนบที่ 4

**สำเนาหนังสือนำเสนอรายงานผลการปฏิบัติตามมาตรการฯ
ระหว่างเดือนกรกฎาคม-ธันวาคม 2564**



บริษัท ไออาร์พีซี จำกัด (มหาชน)
IRPC Public Company Limited

ที่ IRPC-INQ/EM024/2565

25 มกราคม 2565



เรื่อง ขอนำส่งรายงานผลการปฏิบัติงานมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม และมาตรการบริหารจัดการตามตรวจสอบผลกระทบสิ่งแวดล้อมโครงการโรงงานผลิตน้ำมันหล่อลื่นพื้นฐาน เดือน กรกฎาคม - ธันวาคม 2564

เรียน อธิบดีกรมโรงงานอุตสาหกรรม

อ้างถึง 1. หนังสือเลขที่ รย.0033(2)/683 ลงวันที่ 25 กุมภาพันธ์ พ.ศ.2562

2. ประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม เรื่อง หลักเกณฑ์ และวิธีการจัดทำรายงานผลการปฏิบัติงานมาตรการที่กำหนดไว้ในรายงานการประเมินผลกระทบสิ่งแวดล้อมซึ่งผู้ดำเนินการหรือผู้ขออนุญาตจะต้องจัดทำเมื่อได้รับอนุญาตให้ดำเนินโครงการหรือกิจการแล้ว พ.ศ.2561

สิ่งที่ส่งมาด้วย 1. รายงานผลการปฏิบัติงานมาตรการลดผลกระทบและมาตรการติดตามตรวจสอบคุณภาพสิ่งแวดล้อม

โครงการโรงงานผลิตน้ำมันหล่อลื่นพื้นฐาน เดือน กรกฎาคม - ธันวาคม 2564 จำนวน 1 ฉบับ

2. ยูเอสบีแฟลชไดรฟ์ จำนวน 1 อัน

ตามที่ บริษัท ไออาร์พีซี จำกัด (มหาชน) ได้รับความเห็นชอบจากคณะกรรมการผู้ชำนาญการ ในรายงานการประเมินผลกระทบสิ่งแวดล้อมโครงการโรงงานผลิตน้ำมันหล่อลื่นพื้นฐาน ตามหนังสือเลขที่ รย.0033(2)/683 ลงวันที่ 25 กุมภาพันธ์ พ.ศ.2562 ซึ่งกำหนดให้ปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม และมาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อมของโรงงานฯ (อ้างถึง 1) และนำเสนอรายงานผลการปฏิบัติงานมาตรการฯ ต่อหน่วยงานรัฐที่กำหนดไว้ในประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม (อ้างถึง 2) นั้น

บริษัทฯ ได้จัดทำรายงานผลการปฏิบัติงานมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม และมาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อมโครงการฯ ระหว่างเดือน กรกฎาคม - ธันวาคม 2564 เรียบร้อยแล้ว (สิ่งที่ส่งมาด้วย 1 และ 2) จึงขอนำส่งรายงานมายังท่านเพื่อโปรดพิจารณา

จึงเรียนมาเพื่อโปรดพิจารณา

ผู้ดำเนินการฝ่ายบริหารคุณภาพตามปณณดภัย อาชีวอนามัย สิ่งแวดล้อม

และบริหารเขตประกอบการอุตสาหกรรมไออาร์พีซี

ผู้ดำเนินการจัดการสิ่งแวดล้อม ผู้ประสานงาน : นายสมพร วิสัยกิจ E-mail : srumpom@irpc.co.th

โทร 038-611333 ต่อ 37229 โทรสาร 038-611812-3

เลขที่ 5552 ศูนย์ประเมินผลกระทบสิ่งแวดล้อม กรมส่งเสริมการค้าระหว่างประเทศ กระทรวงพาณิชย์ กรุงเทพมหานคร 10110



บริษัท ไออาร์พีซี จำกัด (มหาชน)
IRPC Public Company Limited

ที่ IRPC-INQ/EM025/2565

25 มกราคม 2565

เรื่อง ขอนำส่งรายงานผลการปฏิบัติงานมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม และมาตรการบริหารจัดการตามตรวจสอบผลกระทบสิ่งแวดล้อมโครงการโรงงานผลิตน้ำมันหล่อลื่นพื้นฐาน เดือน กรกฎาคม - ธันวาคม 2564

เรียน อธิบดีกรมโรงงานอุตสาหกรรม

อ้างถึง 1. หนังสือเลขที่ รย.0033(2)/683 ลงวันที่ 25 กุมภาพันธ์ พ.ศ.2562

2. ประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม เรื่อง หลักเกณฑ์ และวิธีการจัดทำรายงานผลการปฏิบัติงานมาตรการที่กำหนดไว้ในรายงานการประเมินผลกระทบสิ่งแวดล้อมซึ่งผู้ดำเนินการหรือผู้ขออนุญาตจะต้องจัดทำเมื่อได้รับอนุญาตให้ดำเนินโครงการหรือกิจการแล้ว พ.ศ.2561

สิ่งที่ส่งมาด้วย 1. รายงานผลการปฏิบัติงานมาตรการลดผลกระทบและมาตรการติดตามตรวจสอบคุณภาพสิ่งแวดล้อม

โครงการโรงงานผลิตน้ำมันหล่อลื่นพื้นฐาน เดือน กรกฎาคม - ธันวาคม 2564 จำนวน 3 ฉบับ

2. ยูเอสบีแฟลชไดรฟ์ จำนวน 3 อัน

ตามที่ บริษัท ไออาร์พีซี จำกัด (มหาชน) ได้รับความเห็นชอบจากคณะกรรมการผู้ชำนาญการ ในรายงานการประเมินผลกระทบสิ่งแวดล้อมโครงการโรงงานผลิตน้ำมันหล่อลื่นพื้นฐาน ตามหนังสือเลขที่ รย.0033(2)/683 ลงวันที่ 25 กุมภาพันธ์ พ.ศ.2562 ซึ่งกำหนดให้ปฏิบัติตามมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม และมาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อมของโรงงานฯ (อ้างถึง 1) และนำเสนอรายงานผลการปฏิบัติงานมาตรการฯ ต่อหน่วยงานรัฐที่กำหนดไว้ในประกาศกระทรวงทรัพยากรธรรมชาติและสิ่งแวดล้อม (อ้างถึง 2) นั้น

บริษัทฯ ได้จัดทำรายงานผลการปฏิบัติงานมาตรการป้องกันและแก้ไขผลกระทบสิ่งแวดล้อม และมาตรการติดตามตรวจสอบผลกระทบสิ่งแวดล้อมโครงการฯ ระหว่างเดือน กรกฎาคม - ธันวาคม 2564 เรียบร้อยแล้ว (สิ่งที่ส่งมาด้วย 1 และ 2) จึงขอนำส่งรายงานมายังท่านเพื่อโปรดพิจารณา และรวบรวมรายงานฯส่งให้สำนักงานทรัพยากรธรรมชาติและสิ่งแวดล้อมจังหวัดระยอง ต่อไป

จึงเรียนมาเพื่อโปรดพิจารณา

ผู้ดำเนินการฝ่ายบริหารคุณภาพตามปณณดภัย อาชีวอนามัย สิ่งแวดล้อม

และบริหารเขตประกอบการอุตสาหกรรมไออาร์พีซี

ผู้ดำเนินการจัดการสิ่งแวดล้อม ผู้ประสานงาน : นายสมพร วิสัยกิจ E-mail : srumpom@irpc.co.th

โทร 038-611333 ต่อ 37229 โทรสาร 038-611812-3

เลขที่ 5552 ศูนย์ประเมินผลกระทบสิ่งแวดล้อม กรมส่งเสริมการค้าระหว่างประเทศ กระทรวงพาณิชย์ กรุงเทพมหานคร 10110

เอกสารแนบที่ 5

**เอกสารผลการศึกษา HAZOP ของโครงการ และการนำเสนอ
ตัวอย่างกรณีที่เกิดผลกระทบสูงสุดพร้อมแสดง P&ID**

ผลการศึกษา วิเคราะห์ และทบทวนการดำเนินงานในโรงงานเพื่อการชี้บ่งอันตรายและการประเมินความเสี่ยงด้วยวิธี HAZOP
หน่วยสกัดด้วยตัวทำละลาย..... NODE No. SEU88.....รายละเอียด.....Line Utility to Station SEU
ปัจจัยการผลิต.....อัตราการไหล (Flow).....ค่าควบคุม.....m3/hr.....แบบแปลนหมายเลข.....61-P-1-22-085-3-4.....

| ข้อบกพร่อง | สถานการณ์จำลอง | เหตุการณ์ที่เกิดขึ้นตามมา | มาตรการการป้องกัน / ควบคุม / แก้ไข | ข้อเสนอแนะ | การประเมินความเสี่ยง | | | |
|--------------------------|----------------|---------------------------|---|------------|----------------------|------------|---------|-----------------|
| | | | | | โอกาส | ความรุนแรง | ผลลัพธ์ | ระดับความเสี่ยง |
| 1. ไม่มีอัตราการไหล | - ไม่มีผลกระทบ | | | | | | | |
| 2. อัตราการไหลมากเกินไป | - ไม่มีผลกระทบ | | | | | | | |
| 3. อัตราการไหลน้อยเกินไป | - ไม่มีผลกระทบ | | | | | | | |
| 4. อัตราการไหลย้อนกลับ | - ไม่มีผลกระทบ | | | | | | | |

ผลการศึกษา วิเคราะห์ และทบทวนการดำเนินงานในโรงงานเพื่อการชี้บ่งอันตรายและการประเมินความเสี่ยงด้วยวิธี HAZOP
หน่วยสกัดด้วยตัวทำละลาย..... NODE No. SEU88.....รายละเอียด.....Line Utility to Station SEU
ปัจจัยการผลิต..... ความดันของ Nitrogen , AIP, All , SL , WP Utility Station..... ค่าควบคุม4 - 6 bar.....แบบแปลนหมายเลข.....61-P-1-22-085-3-4.....

| ข้อบกพร่อง | สถานการณ์จำลอง | เหตุการณ์ที่เกิดขึ้นตามมา | มาตรการการป้องกัน / ควบคุม / แก้ไข | ข้อเสนอแนะ | การประเมินความเสี่ยง | | | |
|---------------------|---|--|--|------------|----------------------|------------------|---------|-----------------|
| | | | | | โอกาส | ความรุนแรง | ผลลัพธ์ | ระดับความเสี่ยง |
| 5. ความดันสูงเกินไป | - ไม่มีผลกระทบ | | | | | | | |
| 6. ความดันต่ำเกินไป | 1.แหล่งจ่าย(LBOU) จ่าย Utility ความดันต่ำกว่าค่าควบคุม | 1.ไม่สามารถใช้งาน Utility ได้ ทำให้ประสิทธิภาพในการทำงานลดลง -ทำให้สูญเสียโอกาสในการผลิต มูลค่าไม่น้อยกว่า 1 แสน บาท ไม่มีผลกระทบต่อบุคคล ชุมชน สิ่งแวดล้อม 1-LBOT-88-H06-01-91 | 1. มีสัญญาณเตือนความดันต่ำ PAL2352,PAL0007, PAL2355 ที่ DCS (1) 2.มีการจด log sheet สำหรับmonitor ที่ CCR (2) 3. มี Operator ตรวจสอบการทำงานทุก 2 ชม.(2) 4. มีกระบวนการสำหรับการเปลี่ยนแปลงตามเอกสาร Process Engineering Design (S10531000-1001) และ Management Of Change (S9900-1009) (3) 5. มีการปฏิบัติงานและอบรมตาม IMNo.S6150-2202 SEU Normal Operation, และอบรม ODS,OTS (4),(5) 6. มีการตรวจสอบสภาพความปลอดภัย(6) | ไม่มี | 1 (1,1) | 1 (-,-,1) | 1 | 1 |

ผลการศึกษา วิเคราะห์ และทบทวนการดำเนินงานในโรงงานเพื่อการชี้บ่งอันตรายและการประเมินความเสี่ยงด้วยวิธี HAZOP
หน่วยสกัดด้วยตัวทำละลาย..... NODE No. SEU88.....รายละเอียด.....Line Utility to Station SEU
ปัจจัยการผลิต.....อุณหภูมิ (Temperature).....ค่าควบคุม.....แบบแปลนหมายเลข.....61-P-1-22-085-3-4.....

| ข้อบกพร่อง | สถานการณ์จำลอง | เหตุการณ์ที่เกิดขึ้นตามมา | มาตรการการป้องกัน / ควบคุม / แก้ไข | ข้อเสนอแนะ | การประเมินความเสี่ยง | | | |
|----------------------|----------------|---------------------------|---|------------|----------------------|------------|---------|-----------------|
| | | | | | โอกาส | ความรุนแรง | ผลลัพธ์ | ระดับความเสี่ยง |
| 7. อุณหภูมิสูงเกินไป | - ไม่มีผลกระทบ | | | | | | | |
| 8. อุณหภูมิต่ำเกินไป | - ไม่มีผลกระทบ | | | | | | | |

ผลการศึกษา วิเคราะห์ และทบทวนการดำเนินงานในโรงงานเพื่อการชี้บ่งอันตรายและการประเมินความเสี่ยงด้วยวิธี HAZOP
หน่วยสกัดด้วยตัวทำละลาย..... NODE No. SEU88.....รายละเอียด.....Line Utility to Station SEU
ปัจจัยการผลิต.....ระดับ (level).....ค่าควบคุม.....แบบแปลนหมายเลข.....61-P-1-22-085-3-4.....

| ข้อบกพร่อง | สถานการณ์จำลอง | เหตุการณ์ที่เกิดขึ้นตามมา | มาตรการการป้องกัน / ควบคุม / แก้ไข | ข้อเสนอแนะ | การประเมินความเสี่ยง | | | |
|--------------------|----------------|---------------------------|---|------------|----------------------|------------|---------|-----------------|
| | | | | | โอกาส | ความรุนแรง | ผลลัพธ์ | ระดับความเสี่ยง |
| 9. ระดับสูงเกินไป | - ไม่มีผลกระทบ | | | | | | | |
| 10. ระดับต่ำเกินไป | - ไม่มีผลกระทบ | | | | | | | |

หมายเหตุ : ปัจจัยการผลิต Corrosion และ Reaction พิจารณาแล้วไม่เกี่ยวข้องและไม่ผลกระทบ

เอกสารแนบที่ 6

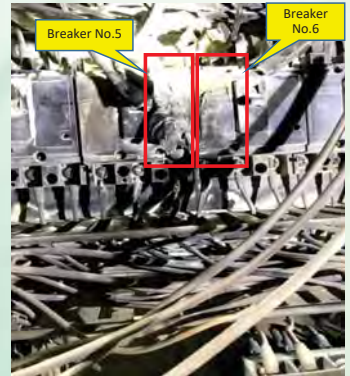
**เอกสารทบทวนเหตุการณ์อุบัติภัย/อุบัติเหตุที่เกิดขึ้นจาก
การประกอบกิจการอุตสาหกรรม**

บทเรียนในอดีต PASS LESSONS

วันที่ 25 มีนาคม พ.ศ. 2563 Circuit Breaker Trip



พนักงานไฟฟ้าเข้าไปตรวจสอบ Heater Zone Die ซึ่งจากการตรวจสอบพบว่า Circuit Breaker Trip จึงทำการตรวจสอบ load ของ Heater พบว่าปกติ จึงทำการ On Circuit Breaker ขณะทำการ On Circuit Breaker ทำให้เกิดการ Short circuit และเกิดเพลิงไหม้



สิ่งที่ได้เรียนรู้

- พิจารณาอายุการใช้งานอุปกรณ์ดังกล่าว
- ตรวจสอบอุปกรณ์ไฟฟ้าและระบบไฟฟ้าประจำปี
- ตรวจสอบอุปกรณ์ไฟฟ้าที่ผ่าน Breaker ก่อนทำการ On Breaker

IdMS no: 20030083



Emergency
(EF)

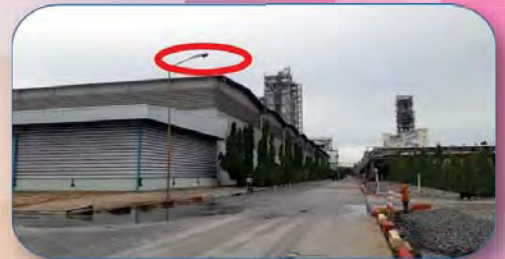
จากส่วนอาชีวอนามัยและสุขภาพตํารัอุตสาหกรรมอุตสาหกรรม

บทเรียนในอดีต PASS LESSONS

โคมไฟแสงสว่างเกิดเพลิงไหม้ วันที่ 25 พฤษภาคม พ.ศ. 2561



พนักงานดับเพลิงออกกระชับเหตุไฟไหม้โคมไฟแสงสว่างข้าง Warehouse 42 ได้ทำการตัดระบบไฟฟ้าและฉีดน้ำดับไฟได้สำเร็จ



สิ่งที่ได้เรียนรู้



ปรับปรุงคู่มือการทำงานใหม่ โดยเพิ่มการตรวจสอบในช่วงเวลากลางคืน โดยตรวจสอบอุปกรณ์ต่างๆ เช่น เสาไฟ, สายไฟที่โคนเสา สัปดาห์ละ 1 ครั้ง
จัดทำแผนการตรวจสอบแผงควบคุมไฟฟ้าแสงสว่างทุก 6 เดือน
การตรวจสอบอุปกรณ์เสาไฟฟ้า สภาพการณ์หน่วยงานที่อาจก่อให้เกิดอุบัติเหตุบริเวณถนนส่วนกลางในเขตประกอบการฯ ทุก 6 เดือน



PROPERTY
DAMAGE

จากส่วนอาชีวอนามัยและสุขภาพตํารัอุตสาหกรรมอุตสาหกรรม

เอกสารแนบที่ 7

เอกสารการสืบค้นฐานข้อมูลสุขภาพพนักงาน

ตามกฎหมายที่กำหนดหลักเกณฑ์

และวิธีการตรวจสอบสุขภาพของลูกจ้าง

และส่งผลการตรวจแก่พนักงานตรวจแรงงาน พ.ศ. ๒๕๔๗

ที่เกี่ยวข้องกับ สมุดสุขภาพประจำตัวของลูกจ้าง จึงขอความร่วมมือพนักงาน
เข้าไปตอบคำถามสุขภาพ ด้วยนะคะ

ขั้นที่ 1

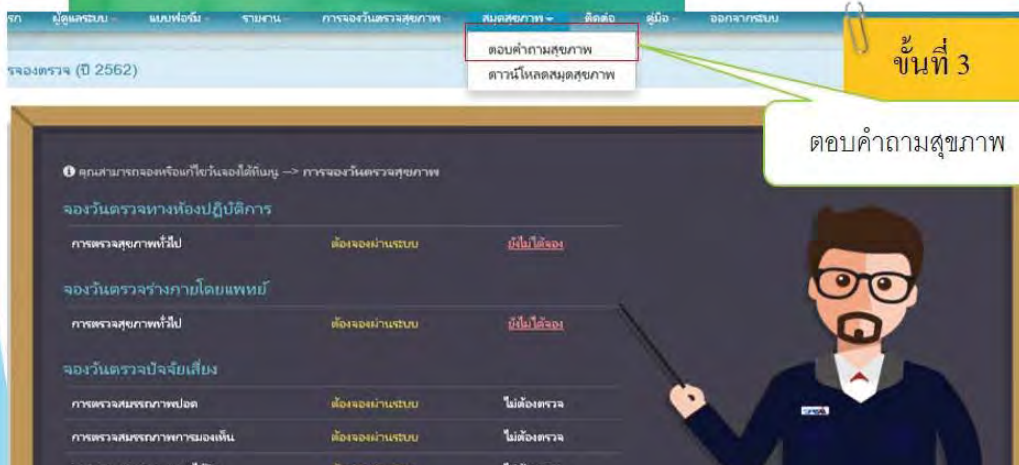


ได้คลิก e-Health book

ขั้นที่ 2



ใส่ User name และ Password



ขั้นที่ 3

ตอบคำถามสุขภาพ

คำถามสุขภาพ

ชั้นที่ 4

ลำดับ

แบบสำรวจ

เลือกคำถามสุขภาพ

1

คำถามสุขภาพ

ชั้นที่ 5

คำถามที่ 1 : เคยป่วยเป็นโรคหรือมีอาการบางอย่าง เมื่อ พ.ศ.ใด (เลือกได้ 1 ข้อ)

- ☐ ไม่เคย
☐ เคย จงระบุ

คำถามที่ 2 : มีโรคประจำตัวหรือเจ็บป่วยเรื้อรัง (เลือกได้ 1 ข้อ)

- ☐ ไม่มี
☐ มี จงระบุ

คำถามที่ 3 : เคยได้รับการผ่าตัดหรือไม่ (เลือกได้ 1 ข้อ)

- ☐ ไม่เคย
☐ เคย จงระบุ

คำถามที่ 4 : เคยใช้ยาหรือสมุนไพรใด ๆ ที่ออกฤทธิ์ต่อประสาท หรือเพื่อป้องกันโรคติดต่อหรือไม่ (เลือกได้ 1 ข้อ)

- ☐ ไม่เคย
☐ เคย จงระบุ

คำถามที่ 5 : ประวัติการรับวัคซีนของสมาชิกในครอบครัว (เช่น แม่เจ้า โทคัส จาน รังสิต นวราช พงษ์กิจ วุฒิส เป็นต้น) (เลือกได้ 1 ข้อ)

- ☐ ไม่มี
☒ มี จงหาว่าฉีดเมื่อใด และใคร

ตอบคำถามสุขภาพ

เอกสารแนบที่ 8
เอกสารปริมาณกำมะถันในน้ำมันเตา



IRPC Public Company Limited

Analytical Service Refinery, Lube Base Oil & RDCC
299 Moo 5, Sukhumvit Rd., Tumbon Chungniam, Amphur Muang, Rayong 21000, Thailand
Tel : +66 (0) 3861-3571 to 80 Ext. 2241-2244,4318-4322 , Telefax : +66 (0) 3861-2812 to 3

Page : 1 of 1



IRPC Public Company Limited

Analytical Service Refinery, Lube Base Oil & RDCC
299 Moo 5, Sukhumvit Rd., Tumbon Chungniam, Amphur Muang, Rayong 21000, Thailand
Tel : +66 (0) 3861-3571 to 80 Ext. 2241-2244,4318-4322 , Telefax : +66 (0) 3861-2812 to 3

Page : 1 of 1

Laboratory Analysis Report

Sample Name : Fuel Oil
Source : 61T102
Sample ID : ALR-2201003533
Batch Number : -
Vessel/Truck : -
Sample Type : -

Report Number : ALR-LAR-2203-01756
Sampling Date/Time : 11-Jan-2022 18:00
Sampling By : TLLB
Received Date/Time : 11-Jan-2022 18:06
Sample Tested Date : 11-Jan-2022 18:34
Reported Date : 21-Mar-2022 14:08

| Properties | Test Method | Unit | Specification | Result |
|-----------------------------------|-------------|------|---------------|--------|
| Kinematic Viscosity @ 50 degree C | ASTM D 445 | cSt. | Report | 116.9 |
| Sulfur Content | ASTM D 4294 | %wt. | Report | 0.955 |

Laboratory Analysis Report

Sample Name : Fuel Oil
Source : 61T102
Sample ID : ALR-2202000615
Batch Number : -
Vessel/Truck : -
Sample Type : -

Report Number : ALR-LAR-2203-01758
Sampling Date/Time : 02-Feb-2022 09:00
Sampling By : TLLB
Received Date/Time : 02-Feb-2022 09:26
Sample Tested Date : 02-Feb-2022 09:47
Reported Date : 21-Mar-2022 14:16

| Properties | Test Method | Unit | Specification | Result |
|-----------------------------------|-------------|------|---------------|--------|
| Kinematic Viscosity @ 50 degree C | ASTM D 445 | cSt. | Report | 144.8 |
| Sulfur Content | ASTM D 4294 | %wt. | Report | 0.925 |

Reported By : Mr.Jiranuwat Thawvan
Lab Analyst
21-Mar-2022 14:08

Approved By :



1. This report is certified only the tested sample.
 2. This report shall not be produced, except in full, without the written approval of the laboratory.
- Form No : LIMS-001

Reported By : Mr.Jiranuwat Thawvan
Lab Analyst
21-Mar-2022 14:16

Approved By :



1. This report is certified only the tested sample.
 2. This report shall not be produced, except in full, without the written approval of the laboratory.
- Form No : LIMS-001



IRPC Public Company Limited

Analytical Service Refinery, Lube Base Oil & RDCC
299 Moo 5, Sukhumvit Rd., Tambon Chungneim, Amphur Muang, Rayong 21000, Thailand
Tel. : +66 (0) 3861-3571 to 80 Ext. 2241-2244,4318-4322 , Telefax : +66 (0) 3861-2812 to 3

Laboratory Analysis Report

Sample Name : Fuel Oil
Source : 61T102
Sample ID : ALR-2203004613
Batch Number : -
Vessel/Truck : -
Sample Type : -

Report Number : ALR-LAR-2203-01759
Sampling Date/Time : 13-Mar-2022 18:00
Sampling By : TLLB
Received Date/Time : 13-Mar-2022 18:29
Sample Tested Date : 13-Mar-2022 18:59
Reported Date : 21-Mar-2022 14:18

| Properties | Test Method | Unit | Specification | Result |
|-----------------------------------|-------------|------|---------------|--------|
| Kinematic Viscosity @ 50 degree C | ASTM D 445 | cSt. | Report | 103.1 |
| Sulfur Content | ASTM D 4294 | %wt. | Report | 0.905 |

Reported By : Mr.Jiranuwat Thawvan
Lab Analyst
21-Mar-2022 14:18

Approved By :



1. This report is certified only the tested sample.
 2. This report shall not be produced, except in full, without the written approval of the laboratory.
- Form No : LIMS-001

เอกสารแนบที่ 9
เอกสารปริมาณกำมะถันในถ่านหิน



PT. GEOSERVICES
www.geoservices.co.id

Jl. Setiabudi 79-81
P.O. Box 4 Bandung 40153
INDONESIA

Phone : (022) 2031316, 2039464
Fax : (022) 2038090, 2031198
E-mail : bdgoff@geoservices.co.id

CERTIFICATE OF SAMPLING AND ANALYSIS

Name of Vessel : MV. LIANSON DYNAMIC
Quantity : 52,100 MT
Shipper : [REDACTED]
Consignee : TO ORDER
Notify Address : IRPC PUBLIC COMPANY LIMITED 555/2,
ENERGY COMPLEX, BUILDING B, 6TH FLOOR,
VIBHAVADI RANGSIT ROAD, CHATUCHAK,
BANGKOK 10900, THAILAND.
Port of Loading : TARAHAH PORT, BANDAR LAMPUNG, INDONESIA
Port of Discharge : IRPC PORT, RAYONG, THAILAND
Description of Goods : INDOONESIAN STEAM COAL IN BULK
Loading Date : FEBRUARY 01, 2022 UP TO FEBRUARY 02, 2022

THIS IS TO CERTIFY : That we have witnessed loading and sampling preparation during time of loading at port for the whole shipment.
The sampling proceedings should be performed during time of loading at loading port for the whole shipment
Prepared the -4.75 mm's samples and performed the analysis of the coal samples in accordance with ISO (International Organization for Standardization) Standards methods.

ANALYSIS:

Analysis were performed at PT. Geoservices Laboratory in accordance with ISO Standards, the results are as follows :

| Parameters | Results | Standard Methods |
|--|---------|------------------|
| Total Moisture (ARB) | 12.27 | ISO 589 : 2008 |
| Inherent Moisture (ADB) | 3.30 | ISO 11722 : 2013 |
| Ash Content (ADB) | 4.37 | ISO 1171 : 2010 |
| Volatile Matter (ADB) | 42.49 | ISO 562 : 2010 |
| Fixed Carbon (ADB) | 49.39 | ISO 17246 : 2010 |
| Total Sulphur (ADB) | 0.39 | ISO 19579 : 2006 |
| Gross Calorific Value (ADB) | 7432 | ISO 1928 : 2009 |
| Gross Calorific Value (ARB) | 6743 | ISO 1928 : 2009 |
| Net Calorific Value (ARB) | 6435 | ISO 5074 : 2015 |
| HCl | 56 | ISO 1933 : 2015 |
| Size 0-50 MM | 96.67 | |
| Ultimate Analysis (Air Dried Basis) | | |
| Carbon | 7419 | ISO 29541 : 2010 |
| Hydrogen | 5.09 | ISO 29541 : 2010 |
| Nitrogen | 1.17 | ISO 29541 : 2010 |
| Oxygen by difference | 11.49 | ISO 17247 : 2013 |

-arb (as received basis)
adb (air dried basis)

Date : February 05, 2022
Job No. : [REDACTED]

ORIGINAL

This Certificate is the true expression of our inspection findings and the relevant method of calculations following standards as generally accepted in the trade. We are responsible only up to the limit as it is possible over a reasonable care and due diligence of exercise. However, this certificate is issued on the understanding that it may not relieve parties from their contractual obligations.



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ADDENDUM TO CERTIFICATE OF SAMPLING AND ANALYSIS

Name of Vessel : MV. LIANSON DYNAMIC
Quantity : 52,100 MT
Shipper : [REDACTED]
Consignee : TO ORDER
Notify Address : IRPC PUBLIC COMPANY LIMITED 555/2,
ENERGY COMPLEX, BUILDING B, 6TH FLOOR,
VIBHAVADI RANGSIT ROAD, CHATUCHAK,
BANGKOK 10900, THAILAND.
Port of Loading : TARAHAH PORT, BANDAR LAMPUNG, INDONESIA
Port of Discharge : IRPC PORT, RAYONG, THAILAND
Description of Goods : INDOONESIAN STEAM COAL IN BULK
Loading Date : FEBRUARY 01, 2022 UP TO FEBRUARY 02, 2022

THIS IS TO CERTIFY : That we have witnessed loading and sampling preparation during time of loading at loading port for the whole shipment.
The sampling proceedings should be performed during time of loading at loading port for the whole shipment
Prepared the -4.75 mm's samples and performed the analysis of the coal samples in accordance with ISO (International Organization for Standardization) Standards methods.

ANALYSIS:

Analysis were performed at PT. Geoservices Laboratory in accordance with ISO Standards, the results are as follows :

| Parameters | Results | Standard Methods |
|--|---------|------------------|
| Ash Fusion Temperature (Reducing) | | |
| Initial Deformation | 1420 | ISO 540 : 2008 |
| Spherulical | >1600 | DEG C |
| Hemispherical | >1600 | DEG C |
| Flow | >1600 | DEG C |
| Ash Fusion Temperature (Oxidizing) | | |
| Initial Deformation | 1440 | ISO 540 : 2008 |
| Spherulical | >1600 | DEG C |
| Hemispherical | >1600 | DEG C |
| Flow | >1600 | DEG C |
| Ash Analysis (Dry Basis) | | |
| SiO ₂ (in ash) | 58.99 | % |
| Al ₂ O ₃ (in ash) | 27.82 | % |
| Fe ₂ O ₃ (in ash) | 6.05 | % |
| CaO (in ash) | 2.16 | % |
| MgO (in ash) | 0.97 | % |
| TiO ₂ (in ash) | 0.42 | % |
| Na ₂ O (in ash) | 0.92 | % |
| K ₂ O (in ash) | 0.76 | % |
| Mn ₂ O ₄ (in ash) | 0.086 | % |
| P ₂ O ₅ (in ash) | 0.174 | % |
| SO ₃ (in ash) | 1.12 | % |
| | | ASTM D5016-2016 |

Date : February 05, 2022
Job No. : [REDACTED]

ORIGINAL

This Certificate is the true expression of our inspection findings and the relevant method of calculations following standards as generally accepted in the trade. We are responsible only up to the limit as it is possible over a reasonable care and due diligence of exercise. However, this certificate is issued on the understanding that it may not relieve parties from their contractual obligations.

เอกสารแนบที่ 10

เอกสาร Preventive Maintenance Program ประจำปี 2565

(MA1 or MA2) _____
(CLIENT) _____
CHECKED : SECTION MGR. (AREA SERVICE)
CHECKED : SECTION MGR.

(MA1 or MA2) _____
APPROVED : DIVISION MGR. (AREA SERVICE)

(MAM) _____
(CLIENT) _____
CHECKED : SECTION MGR.
APPROVED : DIVISION MGR.

(MAM) _____
APPROVED : DIVISION MGR.

(MAE) _____
CHECKED : SECTION MGR.

(MAE) _____
APPROVED : DIVISION MGR.

(MAI) _____
CHECKED : SECTION MGR.

(MAI) _____
APPROVED : DIVISION MGR.

(MAS) _____
(MAP) _____
CHECKED : SECTION MGR.
ISSUED : PLANNING
DATE _____

(MAS) _____
APPROVED : DIVISION MGR.

(MAG) _____
APPROVED : DIVISION MGR.

Form No.
Effective Date 29.12.2021
Revision 0

| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|------------------|------------------|-------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 1 | LDU | | | 1M | I | I | I | I | I | I | I | I | I | I | I | I | IRI | IRI - INVB |
| 2 | LDU -38C | | | 12M | | | | | | I | | | | | | | OCH | OCH-SWRL |
| 3 | LDU -24 -24P008 | | | 2M | L | | L | | L | | L | | L | | L | | RLB | RLB-MLBO |
| 4 | LDU -24 -24P009A | | | 2M | | L | | L | | L | | L | | L | | | RLB | RLB-MLBO |
| 5 | LDU -24 -24P009B | | | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 6 | LDU -25 -QMI_CD | | | 4M | | | | I | | | | I | | | | I | CAN | CAN-Q25 |
| 7 | LDU -21 -PIPING | 1-1/2-FA-2404001 | 1-1/2-FA-2404001-A15 | 5Y | | | | | | I | | | | | | | IRI | IRI - INLB |
| 8 | LDU -21 -PIPING | 1-1/2-NL-2475004 | 1-1/2-NL-2475004-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 9 | LDU -21 -PIPING | 1-FA-2111002 | 1-FA-2111002-A15 | 5Y | | | | | | I | | | | | | | IRI | IRI - INLB |
| 10 | LDU -24 -PIPING | 1-FA-2407100 | 1-FA-2407100-A22V | 5Y | | I | | | | | | | | | | | IRI | IRI - INLB |
| 11 | LDU -24 -PIPING | 1-FA-2413005 | 1-FA-2413005-A15 | 5Y | | I | | | | | | | | | | | IRI | IRI - INLB |
| 12 | LDU -24 -PIPING | 1-FA-2413006 | 1-FA-2413006-A15 | 5Y | | I | | | | | | | | | | | IRI | IRI - INLB |
| 13 | LDU -21 -PIPING | 1-FG-2115002 | 1-FG-2115002-A15-30D | 5Y | | | | | | I | | | | | | | IRI | IRI - INLB |
| 14 | LDU -21 -PIPING | 1-FG-2115003 | 1-FG-2115003-A15-30D | 5Y | | | | | | I | | | | | | | IRI | IRI - INLB |
| 15 | LDU -25 -PIPING | 1-MX-2502027 | 1-MX-2502027-A15-50D | 5Y | | I | | | | | | | | | | | IRI | IRI - INLB |
| 16 | LDU -25 -PIPING | 1-MX-2502028 | 1-MX-2502028-A15-50D | 5Y | | I | | | | | | | | | | | IRI | IRI - INLB |
| 17 | LDU -25 -PIPING | 1-MX-2502029 | 1-MX-2502029-A15-50D | 5Y | | I | | | | | | | | | | | IRI | IRI - INLB |
| 18 | LDU -25 -PIPING | 1-MX-2504029 | 1-MX-2504029-A15-50D | 5Y | | I | | | | | | | | | | | IRI | IRI - INLB |
| 19 | LDU -21 -PIPING | 1-NL-2475003 | 1-NL-2475003-A15 | 10Y | | | | | | I | | | | | | | IRI | IRI - INLB |
| 20 | LDU -25 -PIPING | 1-NL-2575034 | 1-NL-2575034-A15 | 10Y | | | | | | | | | | | I | | IRI | IRI - INLB |
| 21 | LDU -25 -PIPING | 1-NL-2575037 | 1-NL-2575037-A15 | 10Y | | | | | | | | | | | | | IRI | IRI - INLB |
| 22 | LDU -24 -PIPING | 1-PPAV-2406051 | 1-PPAV-2406051-A22V-50D | 5Y | | I | | | | | | | | | I | | IRI | IRI - INLB |
| 23 | LDU -24 -PIPING | 1-SL-185006 | 1-SL-185006-A13-50W | 5Y | | | | | | | | | | I | | | IRI | IRI - INLB |
| 24 | LDU -21 -PIPING | 1-SL-2104003 | 1-SL-2104003-A13-25S | 5Y | | | | | | | | I | | | | | IRI | IRI - INLB |
| 25 | LDU -21 -PIPING | 1-SL-2171020 | 1-SL-2171020-A13-50W | 5Y | | | | | | | | | I | | | | IRI | IRI - INLB |
| 26 | LDU -24 -PIPING | 1-SL-2171021 | 1-SL-2171021-15A-50W | 5Y | | | | | | | | | | I | | | IRI | IRI - INLB |
| 27 | LDU -21 -PIPING | 1-SL-2171051 | 1-SL-2171051-A13-50W | 5Y | | | | | | | | | I | | | | IRI | IRI - INLB |
| 28 | LDU -21 -PIPING | 1-SL-2185001 | 1-SL-2185001-A13-50W | 5Y | | | | | | | | | I | | | | IRI | IRI - INLB |
| 29 | LDU -21 -PIPING | 1-SL-2185002 | 1-SL-2185002-A13-50W | 5Y | | | | | | | | | I | | | | IRI | IRI - INLB |
| 30 | LDU -21 -PIPING | 1-SL-2185003 | 1-SL-2185003-A13-50W | 5Y | | | | | | | | | I | | | | IRI | IRI - INLB |
| 31 | LDU -21 -PIPING | 1-SL-2185004 | 1-SL-2185004-A13-50W | 5Y | | | | | | | | | | | | | | |

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|-----------------|----------------|------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 35 | LDU -21 -PIPING | 1-SL-2185008 | 1-SL-2185008-A13-50W | 5Y | | | | | | | | | I | | | | IRI | IRI - INLB |
| 36 | LDU -21 -PIPING | 1-SL-2185012 | 1-SL-2185012-A13-50W | 5Y | | | | | | | | | I | | | | IRI | IRI - INLB |
| 37 | LDU -21 -PIPING | 1-SL-2471022 | 1-SL-2471022-A13-50W | 5Y | | | | | | | | | | I | | | IRI | IRI - INLB |
| 38 | LDU -24 -PIPING | 1-SL-24785019 | 1-SL-24785019-A13-50W | 5Y | | | | | | | | | | | I | | IRI | IRI - INLB |
| 39 | LDU -24 -PIPING | 1-SL-2485001 | 1-SL-2485001-A13-50W | 5Y | | | | | | | | | | | I | | IRI | IRI - INLB |
| 40 | LDU -21 -PIPING | 1-SL-2485002 | 1-SL-2485002-A13-50W | 5Y | | | | | | | | | | I | | | IRI | IRI - INLB |
| 41 | LDU -21 -PIPING | 1-SL-2485003 | 1-SL-2485003-A13-50W | 5Y | | | | | | | | | | I | | | IRI | IRI - INLB |
| 42 | LDU -21 -PIPING | 1-SL-2485004 | 1-SL-2485004-A13-50W | 5Y | | | | | | | | | | I | | | IRI | IRI - INLB |
| 43 | LDU -21 -PIPING | 1-SL-2485005 | 1-SL-2485005-A13-50W | 5Y | | | | | | | | | | I | | | IRI | IRI - INLB |
| 44 | LDU -21 -PIPING | 1-SL-2485006 | 1-SL-2485006-A13-50W | 5Y | | | | | | | | | | I | | | IRI | IRI - INLB |
| 45 | LDU -21 -PIPING | 1-SL-2485007 | 1-SL-2485007-A13-50W | 5Y | | | | | | | | | | I | | | IRI | IRI - INLB |
| 46 | LDU -21 -PIPING | 1-SL-2485008 | 1-SL-2485008-A13-50W | 5Y | | | | | | | | | | I | | | IRI | IRI - INLB |
| 47 | LDU -25 -PIPING | 1-TPS-2502055 | 1-TPS-2502055-A15-25S | 5Y | | I | | | | | | | | | | | IRI | IRI - INLB |
| 48 | LDU -25 -PIPING | 1-TPS-2502056 | 1-TPS-2502056-A15-25S | 5Y | | I | | | | | | | | | | | IRI | IRI - INLB |
| 49 | LDU -24 -PIPING | 1/2-FA-2414001 | 1/2-FA-2414001-A15 | 5Y | | I | | | | | | | | | | | IRI | IRI - INLB |
| 50 | LDU -24 -PIPING | 1/2-FA-2415001 | 1/2-FA-2415001-A15 | 5Y | | I | | | | | | | | | | | IRI | IRI - INLB |
| 51 | LDU -24 -PIPING | 1/2-NL-2413001 | 1/2-NL-2413001-A15 | 10Y | | | | | | | | | | I | | | IRI | IRI - INLB |
| 52 | LDU -24 -PIPING | 1/2-NL-2413002 | 1/2-NL-2413002-A15 | 10Y | | | | | | | | | | I | | | IRI | IRI - INLB |
| 53 | LDU -21 -PIPING | 1/2-SL-2471016 | 1/2-SL-2471016-A13-50W | 5Y | | | | | | | | | I | | | | IRI | IRI - INLB |
| 54 | LDU -21 -PIPING | 1/2-SL-2471017 | 1/2-SL-2471017-A13-50W | 5Y | | | | | | | | | I | | | | IRI | IRI - INLB |
| 55 | LDU -21 -PIPING | 10-FA-2106001 | 10-FA-2106001-A15 | 5Y | | | | | | I | | | | | | | IRI | IRI - INLB |
| 56 | LDU -21 -PIPING | 10-FA-2106002 | 10-FA-2106002-A15 | 5Y | | | | | | I | | | | | | | IRI | IRI - INLB |
| 57 | LDU -21 -PIPING | 10-SL-0071003 | 10-SL-0071003-A13-100W | 5Y | | | | | | | | I | | | | | IRI | IRI - INLB |
| 58 | LDU -24 -PIPING | 10-SL-0071100 | 10-SL-0071100-A13-100W | 5Y | | | | | | | | | | I | | | IRI | IRI - INLB |
| 59 | LDU -21 -PIPING | 14-SL-2171003 | 14-SL-2171003-A13-150W | 5Y | | | | | | | | I | | | | | IRI | IRI - INLB |
| 60 | LDU -21 -PIPING | 18-FA-2407001 | 18-FA-2407001-A15 | 5Y | | | | | | I | | | | | | | IRI | IRI - INLB |
| 61 | LDU -21 -PIPING | 18-FA-2481002 | 18-FA-2481002-B11R | 5Y | | | | | | I | | | | | | | IRI | IRI - INLB |
| 62 | LDU -24 -PIPING | 2-CFM-2471102 | 2-CFM-2471102-A23-25S | 5Y | | | | | | | | | | I | | | IRI | IRI - INLB |
| 63 | LDU -21 -PIPING | 2-FA-2410004 | 2-FA-2410004-A15 | 5Y | | | | | | | | | | | | | | |

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|-----------------|---------------|-----------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 69 | LDU -24 -PIPING | 2-MX-2402051 | 2-MX-2402051-A41-100W | 5Y | | I | | | | | | | | | | | IRI | IRI - INLB |
| 70 | LDU -24 -PIPING | 2-MX-2402102 | 2-MX-2402102-A24-30D | 5Y | | I | | | | | | | | | | | IRI | IRI - INLB |
| 71 | LDU -21 -PIPING | 2-MX-2405001 | 2-MX-2405001-A24-30D | 5Y | | | | | | I | | | | | | | IRI | IRI - INLB |
| 72 | LDU -21 -PIPING | 2-MX-2410001 | 2-MX-2410001-A24-25S | 5Y | | | | | | I | | | | | | | IRI | IRI - INLB |
| 73 | LDU -25 -PIPING | 2-MX-2502022 | 2-MX-2502022-A15-50D | 5Y | | I | | | | | | | | | | | IRI | IRI - INLB |
| 74 | LDU -25 -PIPING | 2-MX-2504028 | 2-MX-2504028-A15-50D | 5Y | | I | | | | | | | | | | | IRI | IRI - INLB |
| 75 | LDU -25 -PIPING | 2-MX-2505011 | 2-MX-2505011-A15 | 5Y | | I | | | | | | | | | | | IRI | IRI - INLB |
| 76 | LDU -25 -PIPING | 2-NL-0075003 | 2-NL-0075003-A15 | 10Y | | | | | | | | | | | I | | IRI | IRI - INLB |
| 77 | LDU -21 -PIPING | 2-NL-2475001 | 2-NL-2475001-A15 | 10Y | | | | | | | | | | | | | IRI | IRI - INLB |
| 78 | LDU -21 -PIPING | 2-NL-2475002 | 2-NL-2475002-A15 | 10Y | | | | | | | | | | | | | IRI | IRI - INLB |
| 79 | LDU -25 -PIPING | 2-NL-2575030 | 2-NL-2575030-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 80 | LDU -25 -PIPING | 2-NL-2575031 | 2-NL-2575031-A15 | 10Y | | | | | | | | | | | I | | IRI | IRI - INLB |
| 81 | LDU -25 -PIPING | 2-P-0077004 | 2-P-0077004-A15 | 5Y | | I | | | | | | | | | | | IRI | IRI - INLB |
| 82 | LDU -21 -PIPING | 2-P-2177002 | 2-P-2177002-A15 | 5Y | | | | | | | | I | | | | | IRI | IRI - INLB |
| 83 | LDU -21 -PIPING | 2-P-2177003 | 2-P-2177003-A15 | 5Y | | | | | | | | I | | | | | IRI | IRI - INLB |
| 84 | LDU -21 -PIPING | 2-P-2177004 | 2-P-2177004-A15 | 5Y | | | | | | | | I | | | | | IRI | IRI - INLB |
| 85 | LDU -21 -PIPING | 2-P-2177005 | 2-P-2177005-A15 | 5Y | | | | | | | | I | | | | | IRI | IRI - INLB |
| 86 | LDU -21 -PIPING | 2-P-2177006 | 2-P-2177006-A15 | 5Y | | | | | | | | I | | | | | IRI | IRI - INLB |
| 87 | LDU -21 -PIPING | 2-P-2177007 | 2-P-2177007-A15 | 5Y | | | | | | | | I | | | | | IRI | IRI - INLB |
| 88 | LDU -21 -PIPING | 2-P-2177008 | 2-P-2177008-A15 | 5Y | | | | | | | | I | | | | | IRI | IRI - INLB |
| 89 | LDU -21 -PIPING | 2-P-2177009 | 2-P-2177009-A15 | 5Y | | | | | | | | I | | | | | IRI | IRI - INLB |
| 90 | LDU -21 -PIPING | 2-P-2177010 | 2-P-2177010-A15 | 5Y | | | | | | | | I | | | | | IRI | IRI - INLB |
| 91 | LDU -21 -PIPING | 2-P-2177011 | 2-P-2177011-A15 | 5Y | | | | | | | | I | | | | | IRI | IRI - INLB |
| 92 | LDU -21 -PIPING | 2-P-2177012 | 2-P-2177012-A15 | 5Y | | | | | | | | I | | | | | IRI | IRI - INLB |
| 93 | LDU -21 -PIPING | 2-P-2177013 | 2-P-2177013-A15 | 5Y | | | | | | | | I | | | | | IRI | IRI - INLB |
| 94 | LDU -21 -PIPING | 2-P-2177014 | 2-P-2177014-A15 | 5Y | | | | | | | | I | | | | | IRI | IRI - INLB |
| 95 | LDU -21 -PIPING | 2-P-2177015 | 2-P-2177015-A15 | 5Y | | | | | | | | I | | | | | IRI | IRI - INLB |
| 96 | LDU -21 -PIPING | 2-P-2177016 | 2-P-2177016-A15 | 5Y | | | | | | | | I | | | | | IRI | IRI - INLB |
| 97 | LDU -21 -PIPING | 2-P-2177018 | 2-P-2177018-A15 | 5Y | | | | | | | | I | | | | | IRI | IRI - INLB |
| 98 | LDU -21 -PIPING | 2-P-2177019 | 2-P-2177019-A15 | 5Y | | | | | | | | | | | | | | |

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|-----------------|---------------|------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 103 | LDU -25 -PIPING | 2-SL-12571021 | 2-SL-12571021-A13-50W | 5Y | | | | | | | | | | | | | IRI | IRI -INLB |
| 104 | LDU -21 -PIPING | 2-SL-2111051 | 2-SL-2111051-A13-50W | 5Y | | | | | | | | I | | | | | IRI | IRI -INLB |
| 105 | LDU -21 -PIPING | 2-SL-2171009 | 2-SL-2171009-A13-50W | 5Y | | | | | | | | | I | | | | IRI | IRI -INLB |
| 106 | LDU -21 -PIPING | 2-SL-2171010 | 2-SL-2171010-A13-50W | 5Y | | | | | | | | | I | | | | IRI | IRI -INLB |
| 107 | LDU -21 -PIPING | 2-SL-2171011 | 2-SL-2171011-A13-50W | 5Y | | | | | | | | | I | | | | IRI | IRI -INLB |
| 108 | LDU -21 -PIPING | 2-SL-2171012 | 2-SL-2171012-A13-50W | 5Y | | | | | | | | | I | | | | IRI | IRI -INLB |
| 109 | LDU -21 -PIPING | 2-SL-2171014 | 2-SL-2171014-A13-50W | 5Y | | | | | | | | | I | | | | IRI | IRI -INLB |
| 110 | LDU -21 -PIPING | 2-SL-2171015 | 2-SL-2171015-A13-50W | 5Y | | | | | | | | | I | | | | IRI | IRI -INLB |
| 111 | LDU -21 -PIPING | 2-SL-2171016 | 2-SL-2171016-A23-50W | 5Y | | | | | | | | | I | | | | IRI | IRI -INLB |
| 112 | LDU -24 -PIPING | 2-SL-2471 | 2-SL-2471-A13-50W | 5Y | | | | | | | | | | | I | | IRI | IRI -INLB |
| 113 | LDU -21 -PIPING | 2-SL-2471001 | 2-SL-2471001-A13-50W | 5Y | | | | | | | | | I | | | | IRI | IRI -INLB |
| 114 | LDU -21 -PIPING | 2-SL-2471002 | 2-SL-2471002-A13-50W | 5Y | | | | | | | | | I | | | | IRI | IRI -INLB |
| 115 | LDU -21 -PIPING | 2-SL-2471003 | 2-SL-2471003-A13-50W | 5Y | | | | | | | | | I | | | | IRI | IRI -INLB |
| 116 | LDU -21 -PIPING | 2-SL-2471004 | 2-SL-2471004-A13-50W | 5Y | | | | | | | | | I | | | | IRI | IRI -INLB |
| 117 | LDU -21 -PIPING | 2-SL-2471005 | 2-SL-2471005-A13-50W | 5Y | | | | | | | | | I | | | | IRI | IRI -INLB |
| 118 | LDU -21 -PIPING | 2-SL-2471006 | 2-SL-2471006-A13-50W | 5Y | | | | | | | | | I | | | | IRI | IRI -INLB |
| 119 | LDU -21 -PIPING | 2-SL-2471007 | 2-SL-2471007-A13-50W | 5Y | | | | | | | | | I | | | | IRI | IRI -INLB |
| 120 | LDU -21 -PIPING | 2-SL-2471008 | 2-SL-2471008-A13-50W | 5Y | | | | | | | | | I | | | | IRI | IRI -INLB |
| 121 | LDU -21 -PIPING | 2-SL-2471009 | 2-SL-2471009-A13-50W | 5Y | | | | | | | | | I | | | | IRI | IRI -INLB |
| 122 | LDU -21 -PIPING | 2-SL-2471010 | 2-SL-2471010-A13-50W | 5Y | | | | | | | | | I | | | | IRI | IRI -INLB |
| 123 | LDU -21 -PIPING | 2-SL-2471011 | 2-SL-2471011-A13-50W | 5Y | | | | | | | | | I | | | | IRI | IRI -INLB |
| 124 | LDU -21 -PIPING | 2-SL-2471012 | 2-SL-2471012-A13-50W | 5Y | | | | | | | | | I | | | | IRI | IRI -INLB |
| 125 | LDU -21 -PIPING | 2-SL-2471014 | 2-SL-2471014-A13-50W | 5Y | | | | | | | | | I | | | | IRI | IRI -INLB |
| 126 | LDU -21 -PIPING | 2-SL-2471015 | 2-SL-2471015-A15-50W | 5Y | | | | | | | | | I | | | | IRI | IRI -INLB |
| 127 | LDU -24 -PIPING | 2-SL-2471102 | 2-SL-2471102-A13-50W | 5Y | | | | | | | | | | | I | | IRI | IRI -INLB |
| 128 | LDU -24 -PIPING | 2-SL-2471103 | 2-SL-2471103-A13-50W | 5Y | | | | | | | | | | | I | | IRI | IRI -INLB |
| 129 | LDU -24 -PIPING | 3-CPM-2471001 | 3-CPM-2471001-A24T-25S | 5Y | | | | | | | | | | I | | | IRI | IRI -INLB |
| 130 | LDU -21 -PIPING | 3-FA-2110001 | 3-FA-2110001-A15 | 5Y | | | | | | | I | | | | | | IRI | IRI -INLB |
| 131 | LDU -21 -PIPING | 3-FA-2408003 | 3-FA-2408003-A15 | 5Y | | | | | | | I | | | | | | IRI | IRI -INLB |
| 132 | | | | | | | | | | | | | | | | | | |

PREVENTIVE MAINTENANCE YEARLY SCHEDULE
PLANT: LUBE YEAR: 2022

Form No.
Effective Date 29.12.2021
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Legend Text : B = Program Back-up C = Calibrate F = Function Test H = Overhaul I = Inspect L = Lubricate M = Strategy Plan P = Preventive Q = Check oil quality
S = Service T = Stand by condition check U = Running condition check V = Verify

| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|-----------------|-----------------|--------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 137 | LDU -24 -PIPING | 3-LGO-2410012 | 3-LGO-2410012-A15 | 5Y | | | | | | | | | | I | | | IRI | IRI - INLB |
| 138 | LDU -24 -PIPING | 3-LGO-2477100 | 3-LGO-2477100-A24-100W | 5Y | | | | | | | | | | I | | | IRI | IRI - INLB |
| 139 | LDU -21 -PIPING | 3-NL-0075002 | 3-NL-0075002-A15 | 10Y | | | | | | I | | | | | | | IRI | IRI - INLB |
| 140 | LDU -21 -PIPING | 3-P-2177001 | 3-P-2177001-A15 | 5Y | | | | | | | | I | | | | | IRI | IRI - INLB |
| 141 | LDU -21 -PIPING | 3-P-2177017 | 3-P-2177017-A15 | 5Y | | | | | | | | I | | | | | IRI | IRI - INLB |
| 142 | LDU -21 -PIPING | 3-SL-2171008 | 3-SL-2171008-A13-50W | 5Y | | | | | | | | | I | | | | IRI | IRI - INLB |
| 143 | LDU -21 -PIPING | 3-SL-2171013 | 3-SL-2171013-A13-50W | 5Y | | | | | | | | | I | | | | IRI | IRI - INLB |
| 144 | LDU -21 -PIPING | 3-SL-2171019 | 3-SL-2171019-A13-50W | 5Y | | | | | | | | | I | | | | IRI | IRI - INLB |
| 145 | LDU -25 -PIPING | 3-TPR-2502053 | 3-TPR-2502053-A15-25S | 5Y | | I | | | | | | | | | | | IRI | IRI - INLB |
| 146 | LDU -25 -PIPING | 3-TPS-2502051 | 3-TPS-2502051-A15-25S | 5Y | | I | | | | | | | | | | | IRI | IRI - INLB |
| 147 | LDU -25 -PIPING | 3-TPS-2502052 | 3-TPS-2502052-A15-25S | 5Y | | I | | | | | | | | | | | IRI | IRI - INLB |
| 148 | LDU -21 -PIPING | 3/4-CPM-2411001 | 3/4-CPM-2411001-A24T-25S | 5Y | | | | | | I | | | | | | | IRI | IRI - INLB |
| 149 | LDU -24 -PIPING | 3/4-CPM-2471002 | 3/4-CPM-2471002-A24T-25S | 5Y | | | | | | | | | | I | | | IRI | IRI - INLB |
| 150 | LDU -21 -PIPING | 3/4-FA-2113001 | 3/4-FA-2113001-A15 | 5Y | | | | | | I | | | | | | | IRI | IRI - INLB |
| 151 | LDU -21 -PIPING | 3/4-NL-2175001 | 3/4-NL-2175001-A15 | 10Y | | | | | | I | | | | | | | IRI | IRI - INLB |
| 152 | LDU -21 -PIPING | 3/4-NL-2175002 | 3/4-NL-2175002-A15 | 10Y | | | | | | I | | | | | | | IRI | IRI - INLB |
| 153 | LDU -21 -PIPING | 3/4-NL-2175003 | 3/4-NL-2175003-A15 | 10Y | | | | | | I | | | | | | | IRI | IRI - INLB |
| 154 | LDU -21 -PIPING | 3/4-NL-2175004 | 3/4-NL-2175004-A15 | 10Y | | | | | | I | | | | | | | IRI | IRI - INLB |
| 155 | LDU -21 -PIPING | 3/4-NL-2175005 | 3/4-NL-2175005-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 156 | LDU -21 -PIPING | 3/4-NL-2175006 | 3/4-NL-2175006-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 157 | LDU -21 -PIPING | 3/4-NL-2175007 | 3/4-NL-2175007-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 158 | LDU -21 -PIPING | 3/4-NL-2175008 | 3/4-NL-2175008-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 159 | LDU -21 -PIPING | 3/4-NL-2175009 | 3/4-NL-2175009-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 160 | LDU -21 -PIPING | 3/4-NL-2175051 | 3/4-NL-2175051-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 161 | LDU -21 -PIPING | 3/4-NL-2185001 | 3/4-NL-2185001-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 162 | LDU -21 -PIPING | 3/4-NL-2185002 | 3/4-NL-2185002-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 163 | LDU -21 -PIPING | 3/4-NL-2185003 | 3/4-NL-2185003-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 164 | LDU -21 -PIPING | 3/4-NL-2185004 | 3/4-NL-2185004-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 165 | LDU -21 -PIPING | 3/4-NL-2185005 | 3/4-NL-2185005-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 166 | LDU -21 -PIPING | 3/4-NL-2185006 | 3/4-NL-2185006-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 167 | LDU -21 -PIPING | 3/4-NL-2185007 | 3/4-NL-2185007-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 168 | LDU -21 -PIPING | 3/4-NL-2185008 | 3/4-NL-2185008-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 169 | LDU -21 -PIPING | 3/4-NL-2185012 | 3/4-NL-2185012-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 170 | LDU -21 -PIPING | 3/4-NL-2475005 | 3/4-NL-2475005-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI - INLB |

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|-----------------|----------------|------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 171 | LDU -21 -PIPING | 3/4-NL-2475006 | 3/4-NL-2475006-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 172 | LDU -21 -PIPING | 3/4-NL-2475007 | 3/4-NL-2475007-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 173 | LDU -21 -PIPING | 3/4-NL-2475008 | 3/4-NL-2475008-A23 | 10Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 174 | LDU -21 -PIPING | 3/4-NL-2475009 | 3/4-NL-2475009-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 175 | LDU -21 -PIPING | 3/4-NL-2475010 | 3/4-NL-2475010-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 176 | LDU -21 -PIPING | 3/4-NL-2485001 | 3/4-NL-2485001-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 177 | LDU -21 -PIPING | 3/4-NL-2485002 | 3/4-NL-2485002-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 178 | LDU -21 -PIPING | 3/4-NL-2485003 | 3/4-NL-2485003-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 179 | LDU -24 -PIPING | 3/4-NL-2485004 | 3/4-NL-2485004-A15 | 10Y | | | | | | | | | | I | | | IRI | IRI - INLB |
| 180 | LDU -21 -PIPING | 3/4-NL-2485005 | 3/4-NL-2485005-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 181 | LDU -21 -PIPING | 3/4-NL-2485006 | 3/4-NL-2485006-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 182 | LDU -21 -PIPING | 3/4-NL-2485007 | 3/4-NL-2485007-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 183 | LDU -21 -PIPING | 3/4-NL-2485008 | 3/4-NL-2485008-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 184 | LDU -21 -PIPING | 3/4-NL-2485009 | 3/4-NL-2485009-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 185 | LDU -21 -PIPING | 3/4-NL-2485010 | 3/4-NL-2485010-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 186 | LDU -21 -PIPING | 3/4-NL-2485011 | 3/4-NL-2485011-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 187 | LDU -21 -PIPING | 3/4-NL-2485012 | 3/4-NL-2485012-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 188 | LDU -21 -PIPING | 3/4-NL-2485013 | 3/4-NL-2485013-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 189 | LDU -21 -PIPING | 3/4-NL-2485014 | 3/4-NL-2485014-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 190 | LDU -21 -PIPING | 3/4-NL-2485016 | 3/4-NL-2485016-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 191 | LDU -21 -PIPING | 3/4-NL-2485017 | 3/4-NL-2485017-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 192 | LDU -21 -PIPING | 3/4-NL-2485018 | 3/4-NL-2485018-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 193 | LDU -21 -PIPING | 3/4-NL-2485019 | 3/4-NL-2485019-A15 | 10Y | | | | | | | | I | | | | | IRI | IRI - INLB |
| 194 | LDU -25 -PIPING | 3/4-NL-2575032 | 3/4-NL-2575032-A15 | 10Y | | | | | | | | | | I | | | IRI | IRI - INLB |
| 195 | LDU -25 -PIPING | 3/4-NL-2575033 | 3/4-NL-2575033-A15 | 10Y | | | | | | | | | | I | | | IRI | IRI - INLB |
| 196 | LDU -25 -PIPING | 3/4-NL-2575035 | 3/4-NL-2575035-A15 | 10Y | | | | | | | | | | I | | | IRI | IRI - INLB |
| 197 | LDU -25 -PIPING | 3/4-NL-2575036 | 3/4-NL-2575036-A15 | 10Y | | | | | | | | | | I | | | IRI | IRI - INLB |
| 198 | LDU -25 -PIPING | 3/4-NL-2575038 | 3/4-NL-2575038-A15 | 10Y | | | | | | | | | | I | | | IRI | IRI - INLB |
| 199 | LDU -21 -PIPING | 3/4-SL-2111052 | 3/4-SL-2111052-A13-50W | 5Y | | | | | | | | I | | | | | IRI | IRI - INLB |
| 200 | LDU -21 -PIPING | 3/4-SL-2171017 | 3/4-SL-2171017-A13-50W | 5Y | | | | | | | | | I | | | | IRI | IRI - INLB |
| 201 | LDU -21 -PIPING | 3/4-SL-2171018 | 3/4-SL-2171018-A13-50W | 5Y | | | | | | | | | I | | | | IRI | IRI - INLB |
| 202 | LDU -21 -PIPING | 3/4-SL-2471018 | 3/4-SL-2471018-A13-50W | 5Y | | | | | | | | | | I | | | IRI | IRI - INLB |
| 203 | LDU -21 -PIPING | 3/4-SL-2471020 | 3/4-SL-2471020-A13-50W | 5Y | | | | | | | | | | I | | | IRI | IRI - INLB |
| 204 | LDU -21 -PIPING | 3/4-SL-2471021 | 3/4-SL-2471021-A13-50W | 5Y | | | | | | | | | | I | | | IRI | IRI - INLB |

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|-----------------|----------------|------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 205 | LDU -21 -PIPING | 4-FA-2109001 | 4-FA-2109001-A15 | 5Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 206 | LDU -21 -PIPING | 4-FA-211002 | 4-FA-211002-A15 | 5Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 207 | LDU -21 -PIPING | 4-FA-2111001 | 4-FA-2111001-A15 | 5Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 208 | LDU -21 -PIPING | 4-FA-2401001 | 4-FA-2401001-A15-30D | 5Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 209 | LDU -21 -PIPING | 4-FA-2407004 | 4-FA-2407004-A15 | 5Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 210 | LDU -21 -PIPING | 4-FG-2111001 | 4-FG-2111001-A15-30D | 5Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 211 | LDU -21 -PIPING | 4-FG-2111051 | 4-FG-2111051-A15-30D | 5Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 212 | LDU -21 -PIPING | 4-FG-2111101 | 4-FG-2111101-A15-30D | 5Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 213 | LDU -21 -PIPING | 4-FG-2115001 | 4-FG-2115001-A15-30D | 5Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 214 | LDU -21 -PIPING | 4-MX-2402002 | 4-MX-2402002-A24-30D | 5Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 215 | LDU -24 -PIPING | 4-MX-2477100 | 4-MX-2477100-A24-30D | 5Y | | | | | | | | | | I | | | IRI | IRI-INLB |
| 216 | LDU -21 -PIPING | 4-P-0077001 | 4-P-0077001-A15 | 5Y | | | | | | | | I | | | | | IRI | IRI-INLB |
| 217 | LDU -21 -PIPING | 4-P-2477001 | 4-P-2477001-A15 | 5Y | | | | | | | | I | | | | | IRI | IRI-INLB |
| 218 | LDU -21 -PIPING | 4-SL-2104004 | 4-SL-2104004-A13-25S | 5Y | | | | | | | | I | | | | | IRI | IRI-INLB |
| 219 | LDU -24 -PIPING | 4-SL-2405001 | 4-SL-2405001-A13-100W | 5Y | | | | | | | | | | | | | IRI | IRI-INLB |
| 220 | LDU -25 -PIPING | 4-VR-2502051 | 4-VR-2502051-A15-50D | 5Y | | I | | | | | | | | | | | IRI | IRI-INLB |
| 221 | LDU -25 -PIPING | 4-VR-6112003-0 | 4-VR-6112003-A24-50D | 5Y | | I | | | | | | | | | | | IRI | IRI-INLB |
| 222 | LDU -21 -PIPING | 6-FA-2405001 | 6-FA-2405001-A15 | 5Y | | | | | | | | | | | | | IRI | IRI-INLB |
| 223 | LDU -21 -PIPING | 6-FA-2406001 | 6-FA-2406001-A15 | 5Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 224 | LDU -21 -PIPING | 6-FA-2408001 | 6-FA-2408001-A15 | 5Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 225 | LDU -21 -PIPING | 6-FA-2408002 | 6-FA-2408002-A15 | 5Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 226 | LDU -21 -PIPING | 6-FG-0083002 | 6-FG-0083002-A15-30D | 5Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 227 | LDU -25 -PIPING | 6-MX-0079002 | 6-MX-0079002-A24-50D | 5Y | | I | | | | | | | | | | | IRI | IRI-INLB |
| 228 | LDU -24 -PIPING | 6-PPAL-2402022 | 6-PPAL-2402022-A42-30W | 5Y | | | | | | | | | | I | | | IRI | IRI-INLB |
| 229 | LDU -25 -PIPING | 6-SL-0071008 | 6-SL-0071008-A13-50W | 5Y | | | | | | | | | | | I | | IRI | IRI-INLB |
| 230 | LDU -21 -PIPING | 6-SL-2104001 | 6-SL-2104001-A23-100W | 5Y | | | | | | | | I | | | | | IRI | IRI-INLB |
| 231 | LDU -21 -PIPING | 6-SL-2104002 | 6-SL-2104002-A13-50W | 5Y | | | | | | | | I | | | | | IRI | IRI-INLB |
| 232 | LDU -21 -PIPING | 6-SL-2105001 | 6-SL-2105001-A13-100W | 5Y | | | | | | | | I | | | | | IRI | IRI-INLB |
| 233 | LDU -24 -PIPING | 6-SL-2105051 | 6-SL-2105051-A13-100W | 5Y | | | | | | | | | | I | | | IRI | IRI-INLB |
| 234 | LDU -21 -PIPING | 6-SL-2114001 | 6-SL-211400 | | | | | | | | | | | | | | | |

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|-----------------|-----------------|--------------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 239 | LDU -21 -PIPING | 6-SL-2171101 | 6-SL-2171101-A13-50W | 5Y | | | | | | | | | I | | | | IRI | IRI - INLB |
| 240 | LDU -24 -PIPING | 6-SL-2406001 | 6-SL-2406001-A13-100W | 5Y | | | | | | | | | | | I | | IRI | IRI - INLB |
| 241 | LDU -24 -PIPING | 6-SL-2410002 | 6-SL-2410002-A13-100W | 5Y | | | | | | | | | | | I | | IRI | IRI - INLB |
| 242 | LDU -24 -PIPING | 6-SL-2471013 | 6-SL-2471013-A13-50W | 5Y | | | | | | | | | | | | I | IRI | IRI - INLB |
| 243 | LDU -21 -PIPING | 6-SL-24771013 | 6-SL-24771013-A13-50W | 5Y | | | | | | | | | | I | | | IRI | IRI - INLB |
| 244 | LDU -21 -PIPING | 8-FA-2407002 | 8-FA-2407002-B11R | 5Y | | | | | | I | | | | | | | IRI | IRI - INLB |
| 245 | LDU -21 -PIPING | 8-FA-2410001 | 8-FA-2410001-A15 | 5Y | | | | | | | | | | | | | IRI | IRI - INLB |
| 246 | LDU -24 -PIPING | 8-LGO-2410013 | 8-LGO-2410013-A15 | 5Y | | | | | | | | | | I | | | IRI | IRI - INLB |
| 247 | LDU -24 -PIPING | 8-LGO-2479002 | 8-LGO-2479002-A15 | 5Y | | | | | | | | | | I | | | IRI | IRI - INLB |
| 248 | LDU -21 -PIPING | 8-SL-2171006 | 8-SL-2171006-A13-100W | 5Y | | | | | | | | I | | | | | IRI | IRI - INLB |
| 249 | LDU -21 -PIPING | 8-SL-2171007 | 8-SL-2171007-A13-100W | 5Y | | | | | | | | | I | | | | IRI | IRI - INLB |
| 250 | LDU -24 -PIPING | 8-SL-2410001 | 8-SL-2410001-A13-100W | 5Y | | | | | | | | | | | I | | IRI | IRI - INLB |
| 251 | LDU -24 -PIPING | 8-SL-2471100 | 8-SL-2471100-A13-100W | 5Y | | | | | | | | | | | I | | IRI | IRI - INLB |
| 252 | LDU -24 -PIPING | 8-SL-2471101 | 8-SL-2471101-A13-100W | 5Y | | | | | | | | | | | I | | IRI | IRI - INLB |
| 253 | LDU -21 -21B001 | LDU-21B001-B01 | F IRED HEATER | 12M | | | | | | I | | | | | | | IRI | IRI - INLB |
| 254 | LDU -21 -21B001 | LDU-21B001-BU01 | COMBINATION OIL AND GAS BURNER | 3M | | I | | | I | | | I | | | I | | RLB | RLB-MLBO |
| 255 | LDU -21 -21B001 | LDU-21B001-BU02 | COMBINATION OIL AND GAS BURNER | 3M | | I | | | I | | | I | | | I | | RLB | RLB-MLBO |
| 256 | LDU -21 -21B001 | LDU-21B001-BU03 | COMBINATION OIL AND GAS BURNER | 3M | | I | | | I | | | I | | | I | | RLB | RLB-MLBO |
| 257 | LDU -21 -21B001 | LDU-21B001-BU04 | COMBINATION OIL AND GAS BURNER | 3M | | | | | I | | | I | | | I | | RLB | RLB-MLBO |
| 258 | LDU -21 -21B001 | LDU-21B001-BU05 | COMBINATION OIL AND GAS BURNER | 3M | | | I | | I | | I | | I | | | I | RLB | RLB-MLBO |
| 259 | LDU -21 -21B001 | LDU-21B001-BU06 | COMBINATION OIL AND GAS BURNER | 3M | | | I | | | I | | | I | | | I | RLB | RLB-MLBO |
| 260 | LDU -21 -21B001 | LDU-21B001-BU07 | COMBINATION OIL AND GAS BURNER | 3M | | | | | | | | I | | | I | | RLB | RLB-MLBO |
| 261 | LDU -21 -21B001 | LDU-21B001-BU08 | COMBINATION OIL AND GAS BURNER | 3M | | | I | | | I | | | I | | | I | RLB | RLB-MLBO |
| 262 | LDU -21 -21B001 | LDU-21B001-M01 | MD1 | 1Y | | | | | | | | | | | I | | RLB | RLB-ELBO |
| 263 | LDU -21 -21B001 | LDU-21B001-S01 | SCOT BLOWER | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 264 | LDU -21 -21B001 | LDU-21B001-S01 | SCOT BLOWER | 2M | L | | L | | L | | L | | L | | L | | RLB | RLB-MLBO |
| 265 | LDU -21 -21B001 | LDU-21B001-S02 | SCOT BLOWER | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 266 | LDU -21 -21B001 | LDU-21B001-S02 | SCOT BLOWER | 2M | L | | L | | L | | L | | L | | L | | RLB | RLB-MLBO |
| 267 | LDU -21 -21B001 | LDU-21B001-S03 | SCOT BLOWER | 6M | I | | | | | | I | | | | | | | |

PREVENTIVE MAINTENANCE YEARLY SCHEDULE
PLANT: LUBE YEAR: 2022

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S = Service T = Stand by condition check U = Running condition check V = Verify

| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|------------------|-----------------|-------------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 273 | LDU -21 -21B001 | LDU-21B001-S06 | SCOT BLOWER | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 274 | LDU -21 -21B001 | LDU-21B001-S06 | SCOT BLOWER | 2M | L | | L | | L | | L | | L | | L | | RLB | RLB-MLBO |
| 275 | LDU -21 -21B001 | LDU-21B001-S07 | SCOT BLOWER | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 276 | LDU -21 -21B001 | LDU-21B001-S07 | SCOT BLOWER | 2M | L | | L | | L | | L | | L | | L | | RLB | RLB-MLBO |
| 277 | LDU -21 -21B001 | LDU-21B001-S08 | SCOT BLOWER | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 278 | LDU -21 -21B001 | LDU-21B001-S08 | SCOT BLOWER | 2M | L | | L | | L | | L | | L | | L | | RLB | RLB-MLBO |
| 279 | LDU -21 -21B001 | LDU-21B001-S09 | SCOT BLOWER | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 280 | LDU -21 -21B001 | LDU-21B001-S09 | SCOT BLOWER | 2M | L | | L | | L | | L | | L | | L | | RLB | RLB-MLBO |
| 281 | LDU -21 -21B001 | LDU-21B001-S10 | SCOT BLOWER | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 282 | LDU -21 -21B001 | LDU-21B001-S10 | SCOT BLOWER | 2M | L | | L | | L | | L | | L | | L | | RLB | RLB-MLBO |
| 283 | LDU -21 -21B001 | LDU-21B001-S11 | SCOT BLOWER | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 284 | LDU -21 -21B001 | LDU-21B001-S11 | SCOT BLOWER | 2M | L | | L | | L | | L | | L | | L | | RLB | RLB-MLBO |
| 285 | LDU -21 -21B001 | LDU-21B001-S12 | SCOT BLOWER | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 286 | LDU -21 -21B001 | LDU-21B001-S12 | SCOT BLOWER | 2M | L | | L | | L | | L | | L | | L | | RLB | RLB-MLBO |
| 287 | LDU -21 -21B001 | LDU-21B001-S13 | SCOT BLOWER | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 288 | LDU -21 -21B001 | LDU-21B001-S13 | SCOT BLOWER | 2M | L | | L | | L | | L | | L | | L | | RLB | RLB-MLBO |
| 289 | LDU -21 -21B001 | LDU-21B001-S14 | SCOT BLOWER | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 290 | LDU -21 -21B001 | LDU-21B001-S14 | SCOT BLOWER | 2M | L | | L | | L | | L | | L | | L | | RLB | RLB-MLBO |
| 291 | LDU -21 -21B001 | LDU-21B001-S15 | SCOT BLOWER | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 292 | LDU -21 -21B001 | LDU-21B001-S15 | SCOT BLOWER | 2M | L | | L | | L | | L | | L | | L | | RLB | RLB-MLBO |
| 293 | LDU -21 -21B001 | LDU-21B001-S16 | SCOT BLOWER | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 294 | LDU -21 -21B001 | LDU-21B001-S16 | SCOT BLOWER | 2M | L | | L | | L | | L | | L | | L | | RLB | RLB-MLBO |
| 295 | LDU -21 -21B001 | LDU-21B001-S17 | SCOT BLOWER | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 296 | LDU -21 -21B001 | LDU-21B001-S17 | SCOT BLOWER | 2M | L | | L | | L | | L | | L | | L | | RLB | RLB-MLBO |
| 297 | LDU -21 -21B001 | LDU-21B001-S18 | SCOT BLOWER | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 298 | LDU -21 -21B001 | LDU-21B001-S18 | SCOT BLOWER | 2M | L | | L | | L | | L | | L | | L | | RLB | RLB-MLBO |
| 299 | LDU -21 -21B001 | LDU-21B001-S19 | SCOT BLOWER | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 300 | LDU -21 -21B001 | LDU-21B001-S19 | SCOT BLOWER | 2M | L | | L | | L | | L | | L | | L | | RLB | RLB-MLBO |
| 301 | LDU -21 -21B001 | LDU-21B001-S20 | SCOT BLOWER | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 302 | LDU -21 -21B001 | LDU-21B001-S20 | SCOT BLOWER | 2M | L | | L | | L | | L | | L | | L | | RLB | RLB-MLBO |
| 303 | LDU -21 -21B001 | LDU-21B001-S21 | SCOT BLOWER | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 304 | LDU -21 -21B001 | LDU-21B001-S21 | SCOT BLOWER | 2M | L | | L | | L | | L | | L | | L | | RLB | RLB-MLBO |
| 305 | LDU -21 -21E009 | LDU-21E009-E01 | Vacuum Feed / Resid Exchanger | 5Y | | I | | | | | | | | | | | IRI | IRI - INLB |
| 306 | LDU -21 -21E011A | LDU-21E011A-E01 | TEMPERED WATER COOLER | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI - INVB |

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PLANT: LUBE YEAR: 2022

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|------------------|-----------------|-----------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 307 | LDU -21 -21E011A | LDU-21E011A-E01 | TEMPERED WATER COOLER | 3M | I | | | I | | | I | | | I | | | RLB | RLB-MLBO |
| 308 | LDU -21 -21E011A | LDU-21E011A-E01 | TEMPERED WATER COOLER | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 309 | LDU -21 -21E011A | LDU-21E011A-M01 | M01 | 5Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 310 | LDU -21 -21E011B | LDU-21E011B-E01 | TEMPERED WATER COOLER | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI - INVB |
| 311 | LDU -21 -21E011B | LDU-21E011B-E01 | TEMPERED WATER COOLER | 3M | I | | | I | | I | | I | | I | | | RLB | RLB-MLBO |
| 312 | LDU -21 -21E011B | LDU-21E011B-E01 | TEMPERED WATER COOLER | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 313 | LDU -21 -21E011B | LDU-21E011B-M01 | M01 | 5Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 314 | LDU -21 -21E013A | LDU-21E013A-E01 | | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI - INVB |
| 315 | LDU -21 -21E013A | LDU-21E013A-E01 | | 3M | I | | | I | | I | | | | I | | | RLB | RLB-MLBO |
| 316 | LDU -21 -21E013A | LDU-21E013A-E01 | | 3M | | L | | | L | | | L | | | L | | RLB | RLB-MLBO |
| 317 | LDU -21 -21E013A | LDU-21E013A-M01 | M01 | 5Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 318 | LDU -21 -21E013B | LDU-21E013B-E01 | TPA COOLER | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI - INVB |
| 319 | LDU -21 -21E013B | LDU-21E013B-E01 | TPA COOLER | 3M | I | | | I | | I | | | | I | | | RLB | RLB-MLBO |
| 320 | LDU -21 -21E013B | LDU-21E013B-E01 | TPA COOLER | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 321 | LDU -21 -21E013B | LDU-21E013B-M01 | M01 | 5Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 322 | LDU -21 -21E014A | LDU-21E014A-E01 | LVGO PRODUCT COOLER | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI - INVB |
| 323 | LDU -21 -21E014A | LDU-21E014A-E01 | LVGO PRODUCT COOLER | 3M | I | | | I | | I | | I | | I | | | RLB | RLB-MLBO |
| 324 | LDU -21 -21E014A | LDU-21E014A-E01 | LVGO PRODUCT COOLER | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 325 | LDU -21 -21E014A | LDU-21E014A-M01 | M01 | 5Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 326 | LDU -21 -21E014B | LDU-21E014B-E01 | LVGO PRODUCT COOLER | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI - INVB |
| 327 | LDU -21 -21E014B | LDU-21E014B-E01 | LVGO PRODUCT COOLER | 3M | I | | | I | | I | | | | I | | | RLB | RLB-MLBO |
| 328 | LDU -21 -21E014B | LDU-21E014B-E01 | LVGO PRODUCT COOLER | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 329 | LDU -21 -21E014B | LDU-21E014B-M01 | M01 | 5Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 330 | LDU -21 -21E015A | LDU-21E015A-E01 | | 3M | | | I | | | I | | | I | | | I | RLB | RLB-MLBO |
| 331 | LDU -21 -21E015A | LDU-21E015A-E01 | | 3M | | L | | | L | | | L | | | L | | RLB | RLB-MLBO |
| 332 | LDU -21 -21E015A | LDU-21E015A-M01 | M01 | 5Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 333 | LDU -21 -21E015B | LDU-21E015B-E01 | VAC-1 PRODUCT COOLER | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI - INVB |
| 334 | LDU -21 -21E015B | LDU-21E015B-E01 | VAC-1 PRODUCT COOLER | 3M | | | I | | | I | | | I | | | I | RLB | RLB-MLBO |
| 335 | LDU -21 -21E015B | LDU-21E015B-E01 | VAC-1 PRODUCT COOLER | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 336 | LDU -21 -21E015B | LDU-21E015B-M01 | M01 | 5Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 337 | LDU -21 -21E016A | LDU-21E016A-E01 | | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI - INVB |
| 338 | LDU -21 -21E016A | LDU-21E016A-E01 | | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI - INVB |
| 339 | LDU -21 -21E016A | LDU-21E016A-E01 | | 3M | | | I | | | I | | | I | | | I | RLB | RLB-MLBO |
| 340 | LDU -21 -21E016A | LDU-21E016A-E01 | | 3M | | L | | | L | | | L | | | L | | RLB | RLB-MLBO |

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|------|------------------|-----------------|---------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 341 | LDU -21 -21E016A | LDU-21E016A-M01 | M01 | 5Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 342 | LDU -21 -21E016B | LDU-21E016B-E01 | VAC-2 PRODUCT COOLER | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 343 | LDU -21 -21E016B | LDU-21E016B-E01 | VAC-2 PRODUCT COOLER | 3M | | | I | | | I | | | I | | | | RLB | RLB-MLBO |
| 344 | LDU -21 -21E016B | LDU-21E016B-E01 | VAC-2 PRODUCT COOLER | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 345 | LDU -21 -21E016B | LDU-21E016B-M01 | M01 | 5Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 346 | LDU -21 -21E017A | LDU-21E017A-E01 | | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 347 | LDU -21 -21E017A | LDU-21E017A-E01 | | 3M | | | I | | | I | | | I | | | I | RLB | RLB-MLBO |
| 348 | LDU -21 -21E017A | LDU-21E017A-E01 | | 3M | | L | | | L | | | L | | | L | | RLB | RLB-MLBO |
| 349 | LDU -21 -21E017A | LDU-21E017A-M01 | M01 | 5Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 350 | LDU -21 -21E017B | LDU-21E017B-E01 | VAC-3 PRODUCT COOLER | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 351 | LDU -21 -21E017B | LDU-21E017B-E01 | VAC-3 PRODUCT COOLER | 3M | | | I | | | I | | | I | | | I | RLB | RLB-MLBO |
| 352 | LDU -21 -21E017B | LDU-21E017B-E01 | VAC-3 PRODUCT COOLER | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 353 | LDU -21 -21E017B | LDU-21E017B-M01 | M01 | 5Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 354 | LDU -21 -21E018A | LDU-21E018A-E01 | | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 355 | LDU -21 -21E018A | LDU-21E018A-E01 | | 3M | | | I | | | I | | | I | | | I | RLB | RLB-MLBO |
| 356 | LDU -21 -21E018A | LDU-21E018A-E01 | | 3M | | L | | | L | | | L | | | L | | RLB | RLB-MLBO |
| 357 | LDU -21 -21E018A | LDU-21E018A-M01 | M01 | 5Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 358 | LDU -21 -21E018B | LDU-21E018B-E01 | HEAVY SLOP PRODUCT COOLER | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 359 | LDU -21 -21E018B | LDU-21E018B-E01 | HEAVY SLOP PRODUCT COOLER | 3M | | | I | | | I | | | I | | | I | RLB | RLB-MLBO |
| 360 | LDU -21 -21E018B | LDU-21E018B-E01 | HEAVY SLOP PRODUCT COOLER | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 361 | LDU -21 -21E018B | LDU-21E018B-M01 | M01 | 5Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 362 | LDU -21 -21F001A | LDU-21F001A-F01 | VAC-3 REFLUX FILTER | 5Y | | I | | | | | | | | | | | IRI | IRI-INLB |
| 363 | LDU -21 -21F001B | LDU-21F001B-F01 | VAC-3 REFLUX FILTER | 5Y | | I | | | | | | | | | | | IRI | IRI-INLB |
| 364 | LDU -21 -21F002A | LDU-21F002A-F01 | HEAVY SLOP FILTER | 5Y | | I | | | | | | | | | | | IRI | IRI-INLB |
| 365 | LDU -21 -21F002B | LDU-21F002B-F01 | HEAVY SLOP FILTER | 5Y | | I | | | | | | | | | | | IRI | IRI-INLB |
| 366 | LDU -21 -21F003A | LDU-21F003A-F01 | TPA FILTER | 5Y | | I | | | | | | | | | | | IRI | IRI-INLB |
| 367 | LDU -21 -21F003B | LDU-21F003B-F01 | TPA FILTER | 5Y | | I | | | | | | | | | | | IRI | IRI-INLB |
| 368 | LDU -21 -21F004A | LDU-21F004A-F01 | LVGO REFLUX FILTER | 5Y | | I | | | | | | | | | | | IRI | IRI-INLB |
| 369 | LDU -21 -21F004B | LDU-21F004B-F01 | LVGO REFLUX FILTER | 5Y | | I | | | | | | | | | | | IRI | IRI-INLB |
| 370 | LDU -21 -21F005A | LDU-21F005A-F01 | MPA FILTER | 5Y | | I | | | | | | | | | | | IRI | IRI-INLB |
| 371 | LDU -21 -21F005B | LDU-21F005B-F01 | MPA FILTER | 5Y | | I | | | | | | | | | | | IRI | IRI-INLB |
| 372 | LDU -21 -21F006A | LDU-21F006A-F01 | MPA REFLUX FILTER | 5Y | | I | | | | | | | | | | | IRI | IRI-INLB |
| 373 | LDU -21 -21F006B | LDU-21F006B-F01 | MPA REFLUX FILTER | 5Y | | I | | | | | | | | | | | IRI | IRI-INLB |
| 374 | LDU -21 -21F007A | LDU-21F007A-F01 | VAC-2 REFLUX FILTER | 5Y | | I | | | | | | | | | | | IRI | IRI-INLB |

PREVENTIVE MAINTENANCE YEARLY SCHEDULE
PLANT: LUBE YEAR: 2022

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Effective Date 29.12.2021
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Legend Text : B = Program Back-up C = Calibrate F = Function Test H = Overhaul I = Inspect L = Lubricate M = Strategy Plan P = Preventive Q = Check oil quality
S = Service T = Stand by condition check U = Running condition check V = Verify

| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|------------------|-----------------|----------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 375 | LDU -21 -21K001A | LDU-21K001A-K01 | FORCED DRAFT FAN | 1M | I | I | I | I | I | I | I | I | I | I | I | I | IRI | IRI-INVB |
| 376 | LDU -21 -21K001A | LDU-21K001A-K01 | FORCED DRAFT FAN | 6M | | I | | | | | | I | | | | | RLB | RLB-MLBO |
| 377 | LDU -21 -21K001A | LDU-21K001A-K01 | FORCED DRAFT FAN | 2M | L | | L | | L | | L | | L | | L | | RLB | RLB-MLBO |
| 378 | LDU -38C-MCC | LDU-21K001A-MCC | MCC | 1Y | | | | I | | | | | | | | | RLB | RLB-ELBO |
| 379 | LDU -21 -21K001B | LDU-21K001B-K01 | FORCED DRAFT FAN | 1M | I | I | I | I | I | I | I | I | I | I | I | I | IRI | IRI-INVB |
| 380 | LDU -21 -21K001B | LDU-21K001B-K01 | FORCED DRAFT FAN | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 381 | LDU -21 -21K001B | LDU-21K001B-K01 | FORCED DRAFT FAN | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 382 | LDU -38C-MCC | LDU-21K001B-MCC | MCC | 1Y | | | I | | | | | | | | | | RLB | RLB-ELBO |
| 383 | LDU -21 -21P001A | LDU-21P001A-M01 | M01 | 4M | | L | | | | | L | | | | L | | RLB | RLB-ELBO |
| 384 | LDU -21 -21P001A | LDU-21P001A-M01 | M01 | 1Y | | | | I | | | | | | | | | RLB | RLB-ELBO |
| 385 | LDU -21 -21P001A | LDU-21P001A-P01 | TPA PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 386 | LDU -21 -21P001A | LDU-21P001A-P01 | TPA PUMP | 6M | | I | | | | | I | | | | | | RLB | RLB-MLBO |
| 387 | LDU -21 -21P001A | LDU-21P001A-P01 | TPA PUMP | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 388 | LDU -21 -21P001B | LDU-21P001B-M01 | M01 | 4M | | L | | | | L | | | | L | | | RLB | RLB-ELBO |
| 389 | LDU -21 -21P001B | LDU-21P001B-P01 | TPA PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 390 | LDU -21 -21P001B | LDU-21P001B-P01 | TPA PUMP | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 391 | LDU -21 -21P001B | LDU-21P001B-P01 | TPA PUMP | 2M | L | | L | | L | | L | | L | | L | | RLB | RLB-MLBO |
| 392 | LDU -21 -21P002A | LDU-21P002A-M01 | M01 | 1Y | | | | I | | | | | | | | | RLB | RLB-ELBO |
| 393 | LDU -21 -21P002A | LDU-21P002A-P01 | LVGO PRODUCT PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 394 | LDU -21 -21P002A | LDU-21P002A-P01 | LVGO PRODUCT PUMP | 6M | | I | | | | | I | | | | | | RLB | RLB-MLBO |
| 395 | LDU -21 -21P002A | LDU-21P002A-P01 | LVGO PRODUCT PUMP | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 396 | LDU -21 -21P002B | LDU-21P002B-M01 | M01 | 1Y | | | I | | | | | | | | | | RLB | RLB-ELBO |
| 397 | LDU -21 -21P002B | LDU-21P002B-P01 | LVGO PRODUCT PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 398 | LDU -21 -21P002B | LDU-21P002B-P01 | LVGO PRODUCT PUMP | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 399 | LDU -21 -21P002B | LDU-21P002B-P01 | LVGO PRODUCT PUMP | 2M | L | | L | | L | | L | | L | | L | | RLB | RLB-MLBO |
| 400 | LDU -21 -21P003A | LDU-21P003A-M01 | M01 | 1Y | | | | I | | | | | | | | | RLB | RLB-ELBO |
| 401 | LDU -21 -21P003A | LDU-21P003A-P01 | VAC-1 INTERNAL REFLUX PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 402 | LDU -21 -21P003A | LDU-21P003A-P01 | VAC-1 INTERNAL REFLUX PUMP | 6M | | | | I | | | | | | I | | | RLB | RLB-MLBO |
| 403 | LDU -21 -21P003A | LDU-21P003A-P01 | VAC-1 INTERNAL REFLUX PUMP | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 404 | LDU -21 -21P003B | LDU-21P003B-M01 | M01 | 1Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 405 | LDU -21 -21P003B | LDU-21P003B-P01 | VAC-1 INTERNAL REFLUX PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 406 | LDU -21 -21P003B | LDU-21P003B-P01 | VAC-1 INTERNAL REFLUX PUMP | 6M | | | | | I | | | | | | I | | RLB | RLB-MLBO |
| 407 | LDU -21 -21P003B | LDU-21P003B-P01 | VAC-1 INTERNAL REFLUX PUMP | 2M | L | | L | | L | | L | | L | | L | | RLB | RLB-MLBO |
| 408 | LDU -21 -21P004A | LDU-21P004A-M01 | M01 | 4M | | | L | | | | L | | | | L | | RLB | RLB-ELBO |

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|------------------|-----------------|-----------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 409 | LDU -21 -21P004A | LDU-21P004A-M01 | MD1 | 1Y | | | | I | | | | | | | | | RLB | RLB-ELBO |
| 410 | LDU -21 -21P004A | LDU-21P004A-P01 | VAC-1 PRODUCT PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI - INVB |
| 411 | LDU -21 -21P004A | LDU-21P004A-P01 | VAC-1 PRODUCT PUMP | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 412 | LDU -21 -21P004A | LDU-21P004A-P01 | VAC-1 PRODUCT PUMP | 2M | | | | | | L | | L | | | | L | RLB | RLB-MLBO |
| 413 | LDU -21 -21P004B | LDU-21P004B-M01 | MD1 | 4M | | L | | | | L | | | | L | | | RLB | RLB-ELBO |
| 414 | LDU -21 -21P004B | LDU-21P004B-P01 | VAC-1 PRODUCT PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI - INVB |
| 415 | LDU -21 -21P004B | LDU-21P004B-P01 | VAC-1 PRODUCT PUMP | 6M | | | | | I | | | | | | I | | RLB | RLB-MLBO |
| 416 | LDU -21 -21P004B | LDU-21P004B-P01 | VAC-1 PRODUCT PUMP | 2M | L | | L | | L | | L | | L | | L | | RLB | RLB-MLBO |
| 417 | LDU -21 -21P005A | LDU-21P005A-M01 | MD1 | 4M | | | L | | | L | | | | | L | | RLB | RLB-ELBO |
| 418 | LDU -21 -21P005A | LDU-21P005A-M01 | MD1 | 1Y | | | | | | | | | | | | | RLB | RLB-ELBO |
| 419 | LDU -21 -21P005A | LDU-21P005A-P01 | MPA PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI - INVB |
| 420 | LDU -21 -21P005A | LDU-21P005A-P01 | MPA PUMP | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 421 | LDU -21 -21P005A | LDU-21P005A-P01 | MPA PUMP | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 422 | LDU -21 -21P005B | LDU-21P005B-M01 | MD1 | 4M | | L | | | | L | | | | L | | | RLB | RLB-ELBO |
| 423 | LDU -21 -21P005B | LDU-21P005B-M01 | MD1 | 1Y | I | | | | | I | | | | | | | RLB | RLB-ELBO |
| 424 | LDU -21 -21P005B | LDU-21P005B-P01 | MPA PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI - INVB |
| 425 | LDU -21 -21P005B | LDU-21P005B-P01 | MPA PUMP | 6M | | | | | I | | | | | | I | | RLB | RLB-MLBO |
| 426 | LDU -21 -21P005B | LDU-21P005B-P01 | MPA PUMP | 2M | L | | L | | L | | L | | L | | L | | RLB | RLB-MLBO |
| 427 | LDU -21 -21P006A | LDU-21P006A-M01 | MD1 | 1Y | | | | I | | | | | L | | | | RLB | RLB-ELBO |
| 428 | LDU -21 -21P006A | LDU-21P006A-P01 | VAC-2 INTERNAL REFLUX PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI - INVB |
| 429 | LDU -21 -21P006A | LDU-21P006A-P01 | VAC-2 INTERNAL REFLUX PUMP | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 430 | LDU -21 -21P006A | LDU-21P006A-P01 | VAC-2 INTERNAL REFLUX PUMP | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 431 | LDU -21 -21P006B | LDU-21P006B-M01 | MD1 | 1Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 432 | LDU -21 -21P006B | LDU-21P006B-P01 | VAC-2 INTERNAL REFLUX PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI - INVB |
| 433 | LDU -21 -21P006B | LDU-21P006B-P01 | VAC-2 INTERNAL REFLUX PUMP | 6M | | | | | I | | | | | | I | | RLB | RLB-MLBO |
| 434 | LDU -21 -21P006B | LDU-21P006B-P01 | VAC-2 INTERNAL REFLUX PUMP | 2M | L | | L | | L | | L | | L | | L | | RLB | RLB-MLBO |
| 435 | LDU -21 -21P007A | LDU-21P007A-M01 | MD1 | 1Y | | | | | | | | | | | | | RLB | RLB-ELBO |
| 436 | LDU -21 -21P007A | LDU-21P007A-P01 | VAC-2 INTERNAL PRODUCT PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI - INVB |
| 437 | LDU -21 -21P007A | LDU-21P007A-P01 | VAC-2 INTERNAL PRODUCT PUMP | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 438 | LDU -21 -21P007A | LDU-21P007A-P01 | VAC-2 INTERNAL PRODUCT PUMP | 2M | | L | | L | | L | | | | | | | | |

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|------------------|-----------------|----------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 443 | LDU -21 -21P008A | LDU-21P008A-P01 | VAC-3 INTERNAL REFLUX PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI - INVB |
| 444 | LDU -21 -21P008A | LDU-21P008A-P01 | VAC-3 INTERNAL REFLUX PUMP | 6M | | | | | | I | | | | | I | | RLB | RLB-MLBO |
| 445 | LDU -21 -21P008A | LDU-21P008A-P01 | VAC-3 INTERNAL REFLUX PUMP | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 446 | LDU -21 -21P008B | LDU-21P008B-M01 | MD1 | 1Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 447 | LDU -21 -21P008B | LDU-21P008B-P01 | VAC-3 INTERNAL REFLUX PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI - INVB |
| 448 | LDU -21 -21P008B | LDU-21P008B-P01 | VAC-3 INTERNAL REFLUX PUMP | 6M | | | | I | I | | | | | | I | | RLB | RLB-MLBO |
| 449 | LDU -21 -21P008B | LDU-21P008B-P01 | VAC-3 INTERNAL REFLUX PUMP | 2M | L | | L | | L | | L | | L | | L | | RLB | RLB-MLBO |
| 450 | LDU -21 -21P009A | LDU-21P009A-M01 | MD1 | 4M | | | L | | | | L | | | | L | | RLB | RLB-ELBO |
| 451 | LDU -21 -21P009A | LDU-21P009A-M01 | MD1 | 1Y | | | | | | | | | I | | | | RLB | RLB-ELBO |
| 452 | LDU -21 -21P009A | LDU-21P009A-P01 | VAC-2 PRODUCT PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI - INVB |
| 453 | LDU -21 -21P009A | LDU-21P009A-P01 | VAC-2 PRODUCT PUMP | 6M | | | I | | | | | | I | | | | RLB | RLB-MLBO |
| 454 | LDU -21 -21P009A | LDU-21P009A-P01 | VAC-2 PRODUCT PUMP | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 455 | LDU -21 -21P009B | LDU-21P009B-M01 | MD1 | 4M | | L | | | | L | | | | L | | | RLB | RLB-ELBO |
| 456 | LDU -21 -21P009B | LDU-21P009B-M01 | MD1 | 1Y | | | | | | | I | | | | | | RLB | RLB-ELBO |
| 457 | LDU -21 -21P009B | LDU-21P009B-P01 | VAC-2 PRODUCT PUMP | 2M | | I | | | I | | I | | I | | I | | IRI | IRI - INVB |
| 458 | LDU -21 -21P009B | LDU-21P009B-P01 | VAC-2 PRODUCT PUMP | 6M | I | | | | | I | | | | | | | RLB | RLB-MLBO |
| 459 | LDU -21 -21P009B | LDU-21P009B-P01 | VAC-2 PRODUCT PUMP | 2M | L | | L | | L | | L | | L | | L | | RLB | RLB-MLBO |
| 460 | LDU -21 -21P009C | LDU-21P009C-M01 | MD1 | 4M | | | L | | | | L | | | | L | | RLB | RLB-ELBO |
| 461 | LDU -21 -21P009C | LDU-21P009C-M01 | MD1 | 1Y | | | | | | | | I | | | | | RLB | RLB-ELBO |
| 462 | LDU -21 -21P009C | LDU-21P009C-P01 | VAC-2 PRODUCT PUMP | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 463 | LDU -21 -21P010A | LDU-21P010A-M01 | MD1 | 1Y | | | | I | | | | | | | | | RLB | RLB-ELBO |
| 464 | LDU -21 -21P010A | LDU-21P010A-P01 | HEAVY SLOP PRODUCT PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI - INVB |
| 465 | LDU -21 -21P010A | LDU-21P010A-P01 | HEAVY SLOP PRODUCT PUMP | 6M | | | | I | | | | | | I | | | RLB | RLB-MLBO |
| 466 | LDU -21 -21P010A | LDU-21P010A-P01 | HEAVY SLOP PRODUCT PUMP | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 467 | LDU -21 -21P010B | LDU-21P010B-M01 | MD1 | 1Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 468 | LDU -21 -21P010B | LDU-21P010B-P01 | HEAVY SLOP PRODUCT PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI - INVB |
| 469 | LDU -21 -21P010B | LDU-21P010B-P01 | HEAVY SLOP PRODUCT PUMP | 6M | | | | | I | | | | | | I | | RLB | RLB-MLBO |
| 470 | LDU -21 -21P010B | LDU-21P010B-P01 | HEAVY SLOP PRODUCT PUMP | 2M | L | | L | | L | | L | | L | | L | | RLB | RLB-MLBO |
| 471 | LDU -21 -21P011A | LDU-21P011A-M01 | MD1 | 3M | | L | | | L | | | L | | | L | | RLB | RLB-ELBO |
| 472 | LDU -21 -21P011A | LDU-21P011A-M01 | MD1 | 5Y | I | | | | | | | | | | | | | |

PREVENTIVE MAINTENANCE YEARLY SCHEDULE
PLANT: LUBE YEAR: 2022

Form No.
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Legend Text : B = Program Back-up C = Calibrate F = Function Test H = Overhaul I = Inspect L = Lubricate M = Strategy Plan P = Preventive Q = Check oil quality
S = Service T = Stand by condition check U = Running condition check V = Verify

| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|------------------|-----------------|-----------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 545 | LDU -24 -24C001A | LDU-24C001A-C01 | Asphal Tene Separator | 5Y | | I | | | | | | | | | | | IRI | IRI-INLB |
| 546 | LDU -24 -24C001B | LDU-24C001B-C01 | Asphal Tene Separator | 5Y | | I | | | | | | | | | | | IRI | IRI-INLB |
| 547 | LDU -24 -24C002 | LDU-24C002-C01 | DAO Separator | 5Y | | I | | | | | | | | | | | IRI | IRI-INLB |
| 548 | LDU -24 -24D008 | LDU-24D008-D01 | Hot Oil Storage Drum | 1Y | | | | | | | | I | | | | | IRI | IRI-INLB |
| 549 | LDU -24 -24E006A | LDU-24E006A-E01 | SOLVENT COOLER | 2M | I | | I | | I | | | | I | | I | | IRI | IRI-INVB |
| 550 | LDU -24 -24E006A | LDU-24E006A-E01 | SOLVENT COOLER | 3M | I | | | I | | I | | | | I | | | RLB | RLB-MLBO |
| 551 | LDU -24 -24E006A | LDU-24E006A-E01 | SOLVENT COOLER | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 552 | LDU -24 -24E006A | LDU-24E006A-M01 | M01 | 5Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 553 | LDU -24 -24E006B | LDU-24E006B-E01 | SOLVENT COOLER | 2M | I | | I | | I | | I | | | I | | I | IRI | IRI-INVB |
| 554 | LDU -24 -24E006B | LDU-24E006B-E01 | SOLVENT COOLER | 3M | I | | | I | | | I | | | I | | | RLB | RLB-MLBO |
| 555 | LDU -24 -24E006B | LDU-24E006B-E01 | SOLVENT COOLER | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 556 | LDU -24 -24E006B | LDU-24E006B-M01 | M01 | 5Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 557 | LDU -24 -24E006C | LDU-24E006C-E01 | SOLVENT COOLER | 2M | I | | I | | I | | I | | | I | | I | IRI | IRI-INVB |
| 558 | LDU -24 -24E006C | LDU-24E006C-E01 | SOLVENT COOLER | 3M | I | | | I | | I | | | | I | | | RLB | RLB-MLBO |
| 559 | LDU -24 -24E006C | LDU-24E006C-E01 | SOLVENT COOLER | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 560 | LDU -24 -24E006C | LDU-24E006C-M01 | M01 | 5Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 561 | LDU -24 -24E006D | LDU-24E006D-E01 | SOLVENT COOLER | 2M | I | | I | | I | | I | | | I | | I | IRI | IRI-INVB |
| 562 | LDU -24 -24E006D | LDU-24E006D-E01 | SOLVENT COOLER | 3M | I | | | I | | I | | | | I | | | RLB | RLB-MLBO |
| 563 | LDU -24 -24E006D | LDU-24E006D-E01 | SOLVENT COOLER | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 564 | LDU -24 -24E006D | LDU-24E006D-M01 | M01 | 5Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 565 | LDU -24 -24E006E | LDU-24E006E-E01 | SOLVENT COOLER | 2M | I | | I | | I | | I | | | I | | I | IRI | IRI-INVB |
| 566 | LDU -24 -24E006E | LDU-24E006E-E01 | SOLVENT COOLER | 3M | I | | | I | | | I | | | I | | | RLB | RLB-MLBO |
| 567 | LDU -24 -24E006E | LDU-24E006E-E01 | SOLVENT COOLER | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 568 | LDU -24 -24E006E | LDU-24E006E-M01 | M01 | 5Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 569 | LDU -24 -24E006F | LDU-24E006F-E01 | SOLVENT COOLER | 2M | I | | I | | I | | I | | | I | | I | IRI | IRI-INVB |
| 570 | LDU -24 -24E006F | LDU-24E006F-E01 | SOLVENT COOLER | 3M | I | | | I | | | I | | | I | | | RLB | RLB-MLBO |
| 571 | LDU -24 -24E006F | LDU-24E006F-E01 | SOLVENT COOLER | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 572 | LDU -24 -24E006F | LDU-24E006F-M01 | M01 | 5Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 573 | LDU -24 -24E006G | LDU-24E006G-E01 | SOLVENT COOLER | 2M | I | | I | | I | | I | | | I | | I | IRI | IRI-INVB |
| 574 | LDU -24 -24E006G | LDU-24E006G-E01 | SOLVENT COOLER | 3M | I | | | I | | I | | | | I | | | RLB | RLB-MLBO |
| 575 | LDU -24 -24E006G | LDU-24E006G-E01 | SOLVENT COOLER | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 576 | LDU -24 -24E006G | LDU-24E006G-M01 | M01 | 5Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 577 | LDU -24 -24E006H | LDU-24E006H-E01 | SOLVENT COOLER | 2M | I | | I | | I | | I | | | I | | I | IRI | IRI-INVB |
| 578 | LDU -24 -24E006H | LDU-24E006H-E01 | SOLVENT COOLER | 3M | I | | | I | | | I | | | I | | | RLB | RLB-MLBO |

PREVENTIVE MAINTENANCE YEARLY SCHEDULE
PLANT: LUBE YEAR: 2022

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Legend Text : B = Program Back-up C = Calibrate F = Function Test H = Overhaul I = Inspect L = Lubricate M = Strategy Plan P = Preventive Q = Check oil quality
S = Service T = Stand by condition check U = Running condition check V = Verify

| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|------------------|-----------------|-----------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 579 | LDU -24 -24E006H | LDU-24E006H-E01 | SOLVENT COOLER | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 580 | LDU -24 -24E006H | LDU-24E006H-M01 | M01 | 5Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 581 | LDU -24 -24E006I | LDU-24E006I-E01 | SOLVENT COOLER | 2M | I | | I | | I | | I | | | I | | I | IRI | IRI-INVB |
| 582 | LDU -24 -24E006I | LDU-24E006I-E01 | SOLVENT COOLER | 3M | I | | | I | | | I | | | I | | | RLB | RLB-MLBO |
| 583 | LDU -24 -24E006I | LDU-24E006I-E01 | SOLVENT COOLER | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 584 | LDU -24 -24E006I | LDU-24E006I-M01 | M01 | 5Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 585 | LDU -24 -24E006J | LDU-24E006J-E01 | SOLVENT COOLER | 2M | I | | I | | I | | I | | | I | | I | IRI | IRI-INVB |
| 586 | LDU -24 -24E006J | LDU-24E006J-E01 | SOLVENT COOLER | 3M | I | | | I | | I | | | | I | | | RLB | RLB-MLBO |
| 587 | LDU -24 -24E006J | LDU-24E006J-E01 | SOLVENT COOLER | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 588 | LDU -24 -24E006J | LDU-24E006J-M01 | M01 | 5Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 589 | LDU -24 -24E006K | LDU-24E006K-E01 | SOLVENT COOLER | 2M | I | | I | | I | | I | | | I | | I | IRI | IRI-INVB |
| 590 | LDU -24 -24E006K | LDU-24E006K-E01 | SOLVENT COOLER | 3M | I | | | I | | I | | | | I | | | RLB | RLB-MLBO |
| 591 | LDU -24 -24E006K | LDU-24E006K-E01 | SOLVENT COOLER | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 592 | LDU -24 -24E006K | LDU-24E006K-M01 | M01 | 5Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 593 | LDU -24 -24E006L | LDU-24E006L-E01 | SOLVENT COOLER | 2M | I | | I | | I | | I | | | I | | I | IRI | IRI-INVB |
| 594 | LDU -24 -24E006L | LDU-24E006L-E01 | SOLVENT COOLER | 3M | I | | | I | | | I | | | I | | | RLB | RLB-MLBO |
| 595 | LDU -24 -24E006L | LDU-24E006L-E01 | SOLVENT COOLER | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 596 | LDU -24 -24E006L | LDU-24E006L-M01 | M01 | 5Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 597 | LDU -24 -24E007A | LDU-24E007A-E01 | SOLVENT CONDENSER | 2M | I | | I | | I | | I | | | I | | I | IRI | IRI-INVB |
| 598 | LDU -24 -24E007A | LDU-24E007A-E01 | SOLVENT CONDENSER | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 599 | LDU -24 -24E007A | LDU-24E007A-E01 | SOLVENT CONDENSER | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 600 | LDU -24 -24E007A | LDU-24E007A-M01 | M01 | 3M | | L | | | L | | | L | | | L | | RLB | RLB-ELBO |
| 601 | LDU -24 -24E007A | LDU-24E007A-M01 | M01 | 5Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 602 | LDU -24 -24E007B | LDU-24E007B-E01 | SOLVENT CONDENSER | 2M | I | | I | | I | | I | | | I | | I | IRI | IRI-INVB |
| 603 | LDU -24 -24E007B | LDU-24E007B-E01 | SOLVENT CONDENSER | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 604 | LDU -24 -24E007B | LDU-24E007B-E01 | SOLVENT CONDENSER | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 605 | LDU -24 -24E007B | LDU-24E007B-M01 | M01 | 3M | | L | | | L | | | L | | | L | | RLB | RLB-ELBO |
| 606 | LDU -24 -24E007B | LDU-24E007B-M01 | M01 | 5Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 607 | LDU -24 -24E007C | LDU-24E007C-E01 | SOLVENT CONDENSER | 2M | I | | I | | I | | I | | | I | | I | IRI | IRI-INVB |
| 608 | LDU -24 -24E007C | LDU-24E007C-E01 | SOLVENT CONDENSER | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 609 | LDU -24 -24E007C | LDU-24E007C-E01 | SOLVENT CONDENSER | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 610 | LDU -24 -24E007C | LDU-24E007C-M01 | M01 | 3M | | L | | | L | | | L | | | L | | RLB | RLB-ELBO |
| 611 | LDU -24 -24E007C | LDU-24E007C-M01 | M01 | 5Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 612 | LDU -24 -24E007D | LDU-24E007D-E01 | SOLVENT CONDENSER | 2M | I | | I | | I | | I | | | I | | I | IRI | IRI-INVB |

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|------------------|-----------------|-------------------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 613 | LDU -24 -24E007D | LDU-24E007D-E01 | SOLVENT CONDENSER | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 614 | LDU -24 -24E007D | LDU-24E007D-E01 | SOLVENT CONDENSER | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 615 | LDU -24 -24E007D | LDU-24E007D-M01 | MD1 | 3M | | L | | | L | | | L | | | L | | RLB | RLB-ELBO |
| 616 | LDU -24 -24E007D | LDU-24E007D-M01 | MD1 | 5Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 617 | LDU -24 -24E007E | LDU-24E007E-E01 | SOLVENT CONDENSER | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 618 | LDU -24 -24E007E | LDU-24E007E-E01 | SOLVENT CONDENSER | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 619 | LDU -24 -24E007E | LDU-24E007E-M01 | MOTOR FOR AIR FAN 24E007E 44 KW | 3M | | L | | | L | | | L | | | L | | RLB | RLB-ELBO |
| 620 | LDU -24 -24E007E | LDU-24E007E-VSD | VSD FOR MOTOR AIR FAN 24E007E 44 KW | 1Y | | | | I | | | | | | | | | RLB | RLB-ELBO |
| 621 | LDU -24 -24E007F | LDU-24E007F-E01 | SOLVENT CONDENSER | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 622 | LDU -24 -24E007F | LDU-24E007F-E01 | SOLVENT CONDENSER | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 623 | LDU -24 -24E007F | LDU-24E007F-M01 | MOTOR FOR AIR FAN 24E007F 44 KW | 3M | | L | | | L | | | L | | | L | | RLB | RLB-ELBO |
| 624 | LDU -24 -24E007F | LDU-24E007F-VSD | VSD FOR MOTOR AIR FAN 24E007F 44 KW | 1Y | | | | I | | | | | | | | | RLB | RLB-ELBO |
| 625 | LDU -24 -24E008A | LDU-24E008A-E01 | STEAM CONDENSER | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 626 | LDU -24 -24E008A | LDU-24E008A-E01 | STEAM CONDENSER | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 627 | LDU -24 -24E008A | LDU-24E008A-E01 | STEAM CONDENSER | 3M | I | | | I | | | I | | | I | | | RLB | RLB-MLBO |
| 628 | LDU -24 -24E008A | LDU-24E008A-M01 | MD1 | 5Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 629 | LDU -24 -24E008B | LDU-24E008B-E01 | STEAM CONDENSER | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 630 | LDU -24 -24E008B | LDU-24E008B-E01 | STEAM CONDENSER | 3M | I | | | I | | | I | | | I | | | RLB | RLB-MLBO |
| 631 | LDU -24 -24E008B | LDU-24E008B-E01 | STEAM CONDENSER | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 632 | LDU -24 -24E008B | LDU-24E008B-M01 | MD1 | 5Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 633 | LDU -24 -24H001 | LDU-24H001-H01 | OVER HEAD CRANE | 1Y | | | | I | | | | | | | | | IRI | IRI-INSS |
| 634 | LDU -24 -24H001 | LDU-24H001-H01 | OVER HEAD CRANE | 3M | | I | | | I | | | I | | | I | | RLB | RLB-MLBO |
| 635 | LDU -24 -24K001A | LDU-24K001A-K01 | PROPANE COMPRESSOR | 1Y | | | | | | | | | P | | | | CRE | CRE-CHIP |
| 636 | LDU -24 -24K001A | LDU-24K001A-K01 | PROPANE COMPRESSOR | 1M | I | I | I | I | I | I | I | I | I | I | I | I | IRI | IRI-INOL |
| 637 | LDU -24 -24K001A | LDU-24K001A-K01 | PROPANE COMPRESSOR | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 638 | LDU -24 -24K001A | LDU-24K001A-K01 | PROPANE COMPRESSOR | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 639 | LDU -24 -24K001A | LDU-24K001A-M01 | MD1 | 4M | | | L | | | | L | | | | L | | RLB | RLB-ELBO |
| 640 | LDU -24 -24K001A | LDU-24K001A-M01 | MD1 | 1Y | | | | | | | | T | | | | | RLB | RLB-ELBO |
| 641 | LDU -24 -24K001A | LDU-24K001A-PLC | PLC SYSTEM OF 24K001A | 3M | I | | | I | | | I | | | I | | | CCS | CCS-SYS |

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|------------------|------------------|--------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 647 | LDU -24 -24K001B | LDU-24K001B-M01 | MD1 | 4M | | L | | | | L | | | | L | | | RLB | RLB-ELBO |
| 648 | LDU -24 -24K001B | LDU-24K001B-M01 | MD1 | 1Y | | | | | | | T | | | | | | RLB | RLB-ELBO |
| 649 | LDU -24 -24K001B | LDU-24K001B-PLC | PLC SYSTEM OF 24K001B | 3M | I | | | I | | | I | | | I | | | CCS | CCS-SYS |
| 650 | LDU -24 -24K001B | LDU-24K001B-PLC | PLC SYSTEM OF 24K001B | 6M | | | | I | | | | | | I | | | CCS | CCS-SYS |
| 651 | LDU -24 -24P001A | LDU-24P001A-M01 | MD1 | 4M | | | L | | | | L | | | | | L | RLB | RLB-ELBO |
| 652 | LDU -24 -24P001A | LDU-24P001A-M01 | MD1 | 1Y | | | | | | | | | | | | I | RLB | RLB-ELBO |
| 653 | LDU -24 -24P001A | LDU-24P001A-P01 | FEED PUMP | 2M | I | | I | | I | | I | | | I | | | IRI | IRI-INVB |
| 654 | LDU -24 -24P001A | LDU-24P001A-P01 | FEED PUMP | 2M | I | | I | | I | | I | | | I | | | IRI | IRI-INVB |
| 655 | LDU -24 -24P001A | LDU-24P001A-P01 | FEED PUMP | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 656 | LDU -24 -24P001A | LDU-24P001A-P01 | FEED PUMP | 6M | | | | | | L | | | | | | | L | RLB |
| 657 | LDU -24 -24P001A | LDU-24P001A-P01 | FEED PUMP | 6M | | | | | | P | | | | | | P | RLB | RLB-MLBO |
| 658 | LDU -38C-SWGR | LDU-24P001A-SWGR | SWGR | 2Y | | | | P | | | | | | | | | COH | COH-SWRL |
| 659 | LDU -24 -24P001B | LDU-24P001B-M01 | MD1 | 4M | | L | | | | L | | | | L | | | RLB | RLB-ELBO |
| 660 | LDU -24 -24P001B | LDU-24P001B-M01 | MD1 | 1Y | | | | | | | | | I | | | | RLB | RLB-ELBO |
| 661 | LDU -24 -24P001B | LDU-24P001B-P01 | FEED PUMP | 2M | | I | | I | | I | | | | I | | I | IRI | IRI-INVB |
| 662 | LDU -24 -24P001B | LDU-24P001B-P01 | FEED PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 663 | LDU -24 -24P001B | LDU-24P001B-P01 | FEED PUMP | 6M | | | I | | | | | | | I | | | RLB | RLB-MLBO |
| 664 | LDU -24 -24P001B | LDU-24P001B-P01 | FEED PUMP | 6M | | | L | | | | | | | L | | | RLB | RLB-MLBO |
| 665 | LDU -24 -24P001B | LDU-24P001B-P01 | FEED PUMP | 6M | | | P | | | | | | | P | | | RLB | RLB-MLBO |
| 666 | LDU -38C-SWGR | LDU-24P001B-SWGR | SWGR | 2Y | | | | | P | | | | | | | | COH | COH-SWRL |
| 667 | LDU -24 -24P002A | LDU-24P002A-M01 | MD1 | 1Y | | | | | | | | | | | | T | RLB | RLB-ELBO |
| 668 | LDU -24 -24P002A | LDU-24P002A-M01 | MD1 | 4M | | | L | | | | L | | | | | L | RLB | RLB-ELBO |
| 669 | LDU -24 -24P002A | LDU-24P002A-P01 | SOLVENT CIRCULATION PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 670 | LDU -24 -24P002A | LDU-24P002A-P01 | SOLVENT CIRCULATION PUMP | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 671 | LDU -24 -24P002A | LDU-24P002A-P01 | SOLVENT CIRCULATION PUMP | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 672 | LDU -38C-SWGR | LDU-24P002A-SWGR | SWGR | 2Y | | | | P | | | | | | | | | COH | COH-SWRL |
| 673 | LDU -24 -24P002B | LDU-24P002B-M01 | MD1 | 1Y | | | | | | | | | | T | | | RLB | RLB-ELBO |
| 674 | LDU -24 -24P002B | LDU-24P002B-M01 | MD1 | 4M | | L | | | | | L | | | L | | | RLB | RLB-ELBO |
| 675 | LDU -24 -24P002B | LDU-24P002B-P01 | SOLVENT CIRCULATION PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 676 | LDU -24 -24P002B | LDU-24P002B-P01 | SOLVENT CIRCULATION PUMP | 6M | | | I | | | | | | I | | | | RLB | RLB-MLBO |
| 677 | LDU -24 -24P002B | LD | | | | | | | | | | | | | | | | |

PREVENTIVE MAINTENANCE YEARLY SCHEDULE
PLANT: LUBE YEAR: 2022

Form No.
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Legend Text : B = Program Back-up C = Calibrate F = Function Test H = Overhaul I = Inspect L = Lubricate M = Strategy Plan P = Preventive Q = Check oil quality
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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|------------------|------------------|-------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 681 | LDU -24 -24P003A | LDU-24P003A-P01 | RECYCLE SOLVENT PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 682 | LDU -24 -24P003A | LDU-24P003A-P01 | RECYCLE SOLVENT PUMP | 6M | | | | I | | | | | | I | | | RLB | RLB-MLBO |
| 683 | LDU -24 -24P003B | LDU-24P003B-M01 | M01 | 6M | | | | L | | | | | | L | | | RLB | RLB-ELBO |
| 684 | LDU -24 -24P003B | LDU-24P003B-M01 | M01 | 1Y | | | | | I | | | | | | | | RLB | RLB-ELBO |
| 685 | LDU -24 -24P003B | LDU-24P003B-P01 | RECYCLE SOLVENT PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 686 | LDU -24 -24P003B | LDU-24P003B-P01 | RECYCLE SOLVENT PUMP | 6M | | | I | | | | | | I | | | | RLB | RLB-MLBO |
| 687 | LDU -24 -24P004B | LDU-24P004B-M01 | M01 | 1Y | | | | | I | | | | | | | | RLB | RLB-ELBO |
| 688 | LDU -24 -24P005A | LDU-24P005A-M01 | M01 | 1Y | | | | I | | | | | | | | | RLB | RLB-ELBO |
| 689 | LDU -24 -24P005A | LDU-24P005A-P01 | DAO PRODUCT PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 690 | LDU -24 -24P005A | LDU-24P005A-P01 | DAO PRODUCT PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 691 | LDU -24 -24P005A | LDU-24P005A-P01 | DAO PRODUCT PUMP | 6M | | | | I | | | | | | I | | | RLB | RLB-MLBO |
| 692 | LDU -24 -24P005B | LDU-24P005B-M01 | M01 | 1Y | | | | | I | | | | | | | | RLB | RLB-ELBO |
| 693 | LDU -24 -24P005B | LDU-24P005B-P01 | DAO PRODUCT PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 694 | LDU -24 -24P005B | LDU-24P005B-P01 | DAO PRODUCT PUMP | 6M | | | I | | | | | | I | | | | RLB | RLB-MLBO |
| 695 | LDU -24 -24P006A | LDU-24P006A-M01 | M01 | 4M | | | L | | | | L | | | | L | | RLB | RLB-ELBO |
| 696 | LDU -24 -24P006A | LDU-24P006A-M01 | M01 | 1Y | | | | I | | | | | | | | | RLB | RLB-ELBO |
| 697 | LDU -24 -24P006A | LDU-24P006A-P01 | ASPHALTENE PRODUCT PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 698 | LDU -24 -24P006A | LDU-24P006A-P01 | ASPHALTENE PRODUCT PUMP | 6M | | | | | | I | | | | | I | | RLB | RLB-MLBO |
| 699 | LDU -24 -24P006A | LDU-24P006A-P01 | ASPHALTENE PRODUCT PUMP | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 700 | LDU -24 -24P006B | LDU-24P006B-M01 | M01 | 4M | | L | | | | L | | | | L | | | RLB | RLB-ELBO |
| 701 | LDU -24 -24P006B | LDU-24P006B-M01 | M01 | 1Y | | | | | I | | | | | | | | RLB | RLB-ELBO |
| 702 | LDU -24 -24P006B | LDU-24P006B-P01 | ASPHALTENE PRODUCT PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 703 | LDU -24 -24P006B | LDU-24P006B-P01 | ASPHALTENE PRODUCT PUMP | 6M | | | I | | | | | | I | | | | RLB | RLB-MLBO |
| 704 | LDU -24 -24P006B | LDU-24P006B-P01 | ASPHALTENE PRODUCT PUMP | 2M | L | | L | | L | | L | | L | | L | | RLB | RLB-MLBO |
| 705 | LDU -24 -24P007A | LDU-24P007A-M01 | M01 | 1Y | | | | | | | | | | | | T | RLB | RLB-ELBO |
| 706 | LDU -24 -24P007A | LDU-24P007A-M01 | M01 | 4M | | | L | | | | L | | | | L | | RLB | RLB-ELBO |
| 707 | LDU -24 -24P007A | LDU-24P007A-P01 | HOT OIL PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 708 | LDU -24 -24P007A | LDU-24P007A-P01 | HOT OIL PUMP | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 709 | LDU -24 -24P007A | LDU-24P007A-P01 | HOT OIL PUMP | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 710 | LDU -38C-SWGR | LDU-24P007A-SWGR | SWGR | 2Y | | | | P | | | | | | | | | COH | COH-SWRL |
| 711 | LDU -24 -24P007B | LDU-24P007B-M01 | M01 | 1Y | | | | | | | | | T | | | | RLB | RLB-ELBO |
| 712 | LDU -24 -24P007B | LDU-24P007B-M01 | M01 | 4M | | L | | | | | L | | | L | | | RLB | RLB-ELBO |
| 713 | LDU -24 -24P007B | LDU-24P007B-P01 | HOT OIL PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 714 | LDU -24 -24P007B | LDU-24P007B-P01 | HOT OIL PUMP | 6M | | | I | | | | | | I | | | | RLB | RLB-MLBO |

PREVENTIVE MAINTENANCE YEARLY SCHEDULE
PLANT: LUBE YEAR: 2022

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Legend Text : B = Program Back-up C = Calibrate F = Function Test H = Overhaul I = Inspect L = Lubricate M = Strategy Plan P = Preventive Q = Check oil quality
S = Service T = Stand by condition check U = Running condition check V = Verify

| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|------------------|------------------|---------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 715 | LDU -24 -24P007B | LDU-24P007B-P01 | HOT OIL PUMP | 2M | L | | L | | L | | L | | L | | L | | RLB | RLB-MLBO |
| 716 | LDU -38C-SWGR | LDU-24P007B-SWGR | SWGR | 2Y | | | | | P | | | | | | | | COH | COH-SWRL |
| 717 | LDU -24 -24P008 | LDU-24P008-M01 | M01 | 1Y | | | I | | | | | | | | | | RLB | RLB-ELBO |
| 718 | LDU -24 -24P008 | LDU-24P008-P01 | HOT OIL FILLING PUMP | 6M | | | I | | | | | | I | | | | RLB | RLB-MLBO |
| 719 | LDU -24 -24P009A | LDU-24P009A-P01 | FLARE KNOCK-OUT DRUM PUMP | 6M | | | | I | | | | | | I | | | RLB | RLB-MLBO |
| 720 | LDU -24 -24P009B | LDU-24P009B-P01 | FLARE KNOCK-OUT DRUM PUMP | 6M | | | I | | | | | | I | | | | RLB | RLB-MLBO |
| 721 | LDU -25 -25B001 | LDU-25B001-B01 | INCINERATOR | 12M | | | | | | I | | | | | | | IRI | IRI-INLB |
| 722 | LDU -25 -25E002A | LDU-25E002A-E01 | Product Cooler | 5Y | | | | | | | | | I | | | | IRI | IRI-INLB |
| 723 | LDU -25 -25E002B | LDU-25E002B-E01 | Product Cooler | 5Y | | | | | | | | | | I | | | IRI | IRI-INLB |
| 724 | LDU -25 -25H001 | LDU-25H001-H01 | OVER HEAD CRANE | 1Y | | | | I | | | | | | | | | IRI | IRI-INSS |
| 725 | LDU -25 -25H001 | LDU-25H001-H01 | OVER HEAD CRANE | 3M | I | | | I | | | I | | | I | | | RLB | RLB-MLBO |
| 726 | LDU -25 -25K001A | LDU-25K001A-K01 | AIR COMPRESSOR | 1Y | | | | | | | | | | P | | | CRE | CRE-OHIP |
| 727 | LDU -25 -25K001B | LDU-25K001B-K01 | AIR COMPRESSOR | 1Y | | | P | | | | | | | | | | CRE | CRE-OHIP |
| 728 | LDU -25 -25K001C | LDU-25K001C-K01 | AIR COMPRESSOR | 1Y | | | | | | | | | | | | P | CRE | CRE-OHIP |
| 729 | LDU -25 -25R001 | LDU-25N001-M01 | M01 | 4M | | | | L | | | | L | | | | L | RLB | RLB-ELBO |
| 730 | LDU -38C-MCC | LDU-25N001-MCC | SCE MCC | 5Y | | | | | | | | | | | F | | RLB | RLB-ELBO |
| 731 | LDU -38C-MCC | LDU-25N001-MCC | SCE MCC | 5Y | | | | | | | | | | | F | | RLB | RLB-ELBO |
| 732 | LDU -25 -25R001 | LDU-25N001-N01 | AGITATOR | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 733 | LDU -25 -25R001 | LDU-25N001-N01 | AGITATOR | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 734 | LDU -25 -25R001 | LDU-25N001-N01 | AGITATOR | 3M | | P | | | P | | | P | | | P | | RLB | RLB-MLBO |
| 735 | LDU -25 -25R001 | LDU-25N001-N01 | AGITATOR | 3M | | L | | | L | | | L | | | | L | RLB | RLB-MLBO |
| 736 | LDU -25 -25R001 | LDU-25N001-N01 | AGITATOR | 6M | | | I | | | | | L | | | | | RLB | RLB-MLBO |
| 737 | LDU -25 -25R001 | LDU-25N001-N01 | AGITATOR | 2M | L | | L | | L | | L | | L | | L | | RLB | RLB-MLBO |
| 738 | LDU -25 -25P001A | LDU-25P001A-M01 | M01 | 1Y | | | | | | | I | | | | | | RLB | RLB-ELBO |
| 739 | LDU -25 -25P001A | LDU-25P001A-P01 | FEED PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 740 | LDU -25 -25P001A | LDU-25P001A-P01 | FEED PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 741 | LDU -25 -25P001A | LDU-25P001A-P01 | FEED PUMP | 6M | | | I | | | | | | I | | | | RLB | RLB-MLBO |
| 742 | LDU -25 -25P001A | LDU-25P001A-P01 | FEED PUMP | 3M | | | L | | | L | | | L | | | L | RLB | RLB-MLBO |
| 743 | LDU -25 -25P001B | LDU-25P001B-M01 | M01 | 1Y | | | | | | T | | | | | | | RLB | RLB-ELBO |
| 744 | LDU -25 -25P001B | LDU-25P001B-P01 | FEED PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 745 | LDU -25 -25P001B | LDU-25P001B-P01 | FEED PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 746 | LDU -25 -25P001B | LDU-25P001B-P01 | FEED PUMP | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 747 | LDU -25 -25P001B | LDU-25P001B-P01 | FEED PUMP | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 748 | LDU -25 -25P001B | LDU-25P001B-P01 | FEED PUMP | 3M | L | | | L | | | L | | | L | | | RLB | RLB-MLBO |

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|------------------|-----------------|------------------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 749 | LDU -25 -25P001C | LDU-25P001C-MD1 | Motor Pump 25P001C | 1Y | | I | | | | | | | | | | | R/LB | R/LB-ELBO |
| 750 | LDU -25 -25P002A | LDU-25P002A | PRESSURE RELIEF DEVICE FOR 25P002A | 5Y | | | I | | | | | | | | | | R/LB | R/LB-MWOR |
| 751 | LDU -25 -25P002A | LDU-25P002A-P01 | PRODUCT PUMP | 2M | I | | I | | I | | I | | I | | I | | I/R | I/R-I INVB |
| 752 | LDU -25 -25P002A | LDU-25P002A-P01 | PRODUCT PUMP | 6M | | | | | | | | | I | | | | R/LB | R/LB-MLBO |
| 753 | LDU -25 -25P002A | LDU-25P002A-P01 | PRODUCT PUMP | 3M | | | L | | | L | | | L | | | L | R/LB | R/LB-MLBO |
| 754 | LDU -25 -25P002B | LDU-25P002B-P01 | PRODUCT PUMP | 2M | | I | | I | | I | | I | | I | | I | I/R | I/R-I INVB |
| 755 | LDU -25 -25P002B | LDU-25P002B-P01 | PRODUCT PUMP | 6M | I | | | | | | I | | | | | | R/LB | R/LB-MLBO |
| 756 | LDU -25 -25P002B | LDU-25P002B-P01 | PRODUCT PUMP | 3M | L | | | L | | | L | | | L | | | R/LB | R/LB-MLBO |
| 757 | LDU -25 -25P002C | LDU-25P002C-MD1 | Motor Pump 25P002C | 1Y | | I | | | | | | | | | | | R/LB | R/LB-ELBO |
| 758 | LDU -25 -25P003A | LDU-25P003A-MD1 | MD1 | 1Y | | | | I | | | | | | | | | R/LB | R/LB-ELBO |
| 759 | LDU -25 -25P003A | LDU-25P003A-P01 | WASH OIL PUMP | 2M | I | | I | | I | | I | | I | | I | | I/R | I/R-I INVB |
| 760 | LDU -25 -25P003A | LDU-25P003A-P01 | WASH OIL PUMP | 6M | | | | | | | | | | I | | | R/LB | R/LB-MLBO |
| 761 | LDU -25 -25P003A | LDU-25P003A-P01 | WASH OIL PUMP | 2M | | L | | L | | L | | L | | | | L | R/LB | R/LB-MLBO |
| 762 | LDU -25 -25P003B | LDU-25P003B-MD1 | MD1 | 1Y | | | | | I | | | | | L | | | R/LB | R/LB-ELBO |
| 763 | LDU -25 -25P003B | LDU-25P003B-P01 | WASH OIL PUMP | 2M | | I | | I | | I | | I | | I | | I | I/R | I/R-I INVB |
| 764 | LDU -25 -25P003B | LDU-25P003B-P01 | WASH OIL PUMP | 6M | | | | | I | | | | | | I | | R/LB | R/LB-MLBO |
| 765 | LDU -25 -25P003B | LDU-25P003B-P01 | WASH OIL PUMP | 2M | L | | L | | L | | L | | L | | L | | R/LB | R/LB-MLBO |
| 766 | LDU -25 -25P004 | LDU-25P004-MD1 | MD1 | 1Y | | I | | | | | | | | | | | R/LB | R/LB-ELBO |
| 767 | LDU -25 -25P004 | LDU-25P004-P01 | PUMP OUT PUMP | 2M | | | | I | | I | | I | | I | | I | I/R | I/R-I INVB |
| 768 | LDU -25 -25P004 | LDU-25P004-P01 | PUMP OUT PUMP | 6M | | I | | | | | | I | | | | | R/LB | R/LB-MLBO |
| 769 | LDU -25 -25P004 | LDU-25P004-P01 | PUMP OUT PUMP | 2M | | L | | L | | L | | L | | L | | L | R/LB | R/LB-MLBO |
| 770 | LDU -25 -25P051A | LDU-25P051A-MD1 | Motor Pump 25P051A | 1Y | | | | I | | | | L | | L | | | R/LB | R/LB-ELBO |
| 771 | LDU -25 -25P051B | LDU-25P051B-MD1 | Motor Pump 25P051B | 1Y | | | I | | | | | | | | | | R/LB | R/LB-ELBO |
| 772 | LDU -25 -25T051 | LDU-25T051-T01 | Receiving Dewatering Aid Tank | 5Y | | | | | | | I | | | | | | I/R | I/R-I INLB |
| 773 | LDU -38C-61MR102 | LDU-61MR102 | 61MR102 | 1Y | | | | | | | | | | | Q | | OCH | OCH-TRTL |
| 774 | LDU -38C-61MR102 | LDU-61MR102 | 61MR102 | 2W | I | I | I | I | I | I | I | I | I | I | I | I | R/LB | R/LB-ELBO |
| 775 | LDU -24 -QM1_GC | LDU-AI0051 | GC. AI0051 | 1M | V | V | V | V | V | V | V | V | V | V | V | V | CAN | CAN-Q25 |
| 776 | LDU -21 -QM1_LIQ | LDU-AI2101 | VISCOSITY AI2101 | 1M | I | I | I | I | I | I | I | I | I | I | I | I | CAN | CAN-Q25 |
| 777 | LDU -21 -QM1_LIQ | LDU-AI2101 | VISCOSITY AI2101 | 3M | | V | | | V | | | V | | | V | | CAN | CAN-Q25 |
| 778 | LDU -21 -QM1_LIQ | LDU-AI2105 | VISCOSITY AI2105 | 1M | I | I | I | I | I | I | I | I | I | I | I | I | CAN | CAN-Q25 |
| 779 | LDU -21 - | | | | | | | | | | | | | | | | | |

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| | Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|-----|---------------------|--------|------------------|---|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 783 | LDU -24 -QMI_GAS | | LDU-AI2451 | OXYGEN AI2451 | 1M | V | V | V | V | V | V | V | V | V | V | V | V | CAN | CAN-Q25 |
| 784 | LDU -24 -QMI_LIQ | | LDU-AI2452 | VISCOSITY AI2452 | 1M | I | I | I | I | I | I | I | I | I | I | I | I | CAN | CAN-Q25 |
| 785 | LDU -24 -QMI_LIQ | | LDU-AI2452 | VISCOSITY AI2452 | 3M | | V | | | V | | | V | | | V | | CAN | CAN-Q25 |
| 786 | LDU -25 -QMI_LIQ | | LDU-AI2501 | VISCOSITY AI2501 | 1M | I | I | I | I | I | I | I | I | I | I | I | I | CAN | CAN-Q25 |
| 787 | LDU -25 -QMI_LIQ | | LDU-AI2501 | VISCOSITY AI2501 | 3M | V | V | | | V | | | V | | | V | | CAN | CAN-Q25 |
| 788 | LDU -25 -QMI_GAS | | LDU-AI2502 | OXYGEN ANALYZER OF OFF GAS TO 25B001 | 1M | V | V | V | V | V | V | V | V | V | V | V | V | CAN | CAN-Q25 |
| 789 | LDU -CCR-AIR | | LDU-AIR-COND | AIR CONDITIONS CCR PROCESS LUBE | 3M | | | P | | | P | | | P | | | P | RLB | RLB-ELBO |
| 790 | LDU -STR-BUILDING | | LDU-BDG-24D008 | BUILDING 24D008 SHELTER | 6Y | | | | I | | | | | | | | | ENE | ENE-ENOS |
| 791 | LDU -STR-BUILDING | | LDU-BDG-25B001 | BUILDING SLING STACK 25B001 INCINERATOR | 6Y | | | | I | | | | | | | | | ENE | ENE-ENOS |
| 792 | LDU -STR-BUILDING | | LDU-BDG-25K001 | BUILDING STRUCTURE FOR 25K001A/B/C | 6Y | | | | I | | | | | | | | | ENE | ENE-ENOS |
| 793 | LDU -STR-BUILDING | | LDU-BDG-A-VDU | BUILDING VDU VACUUM UNIT | 6Y | | | | I | | | | | | | | | ENE | ENE-ENOS |
| 794 | LDU -STR-BUILDING | | LDU-BDG-B-VDU | BUILDING VDU SIDE STRIPPER | 6Y | | | | I | | | | | | | | | ENE | ENE-ENOS |
| 795 | LDU -STR-BUILDING | | LDU-BDG-F-24K001 | BUILDING STRUCTURE FOR 24K001A/B | 6Y | | | | I | | | | | | | | | ENE | ENE-ENOS |
| 796 | LDU -00 -FD | | LDU-CO2 | CO2 | 1Y | | | I | | | | | | | | | | RLB | RLB-ELBO |
| 797 | LDU -00 -DELUGE | | LDU-DELUGE | SCE DELUGE VALVE SYSTEM | 1Y | | | | | | | | | | | | | RLB | RLB-ELBO |
| 798 | LDU -CCR-PLC | | LDU-ESD-SM | ESD SYSTEM LDU AREA | 3M | | | I | | | I | | | I | | | F | OCS | OCS-SYS |
| 799 | LDU -CCR-PLC | | LDU-ESD-SM | ESD SYSTEM LDU AREA | 6M | | | I | | | | | | I | | | | OCS | OCS-SYS |
| 800 | LDU -00 -FIRE_ALARM | | LDU-FAL-PB | SCE FAL-PB | 3M | I | | | I | | | I | | | | I | | RLB | RLB-ELBO |
| 801 | LDU -00 -FIRE_ALARM | | LDU-FAL-SMOKE | SCE FAL-SMOKE | 6M | | | I | | | | | | | I | | | RLB | RLB-ELBO |
| 802 | LDU -21 -21B001 | | LDU-FIT2114A | FLOW VORTEX TRANS STEAM INLET 21B001 | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 803 | LDU -21 -21B001 | | LDU-FIT2114B | FLOW VORTEX TRANS STEAM INLET 21B001 | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 804 | LDU -21 -21B001 | | LDU-FIT2114C | FLOW VORTEX TRANS STEAM INLET 21B001 | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 805 | LDU -21 -21B001 | | LDU-FIT2114D | FLOW VORTEX TRANS STEAM INLET 21B001 | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 806 | LDU -24 -24K001A | | LDU-FSLL2471A | FLOW S/W WATER RETURN 24K001A | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 807 | LDU -24 -24K001B | | LDU-FSLL2471B | FLOW S/W WATER RETURN 24K001B | 1Y | | | | | F | | | | | | | | RLB | RLB-ILBO |
| 808 | LDU -61 -61D106 | | LDU-FTO09270 | DIFF_PRESSURE-FLO_61D106 | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 809 | LDU -61 -61D106 | | LDU-FTO09271 | DIFF_PRESSURE-FLO_61D106 | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 810 | LDU -21 -21E017A | | LDU-FT2101 | FLOW D/P TRANS VAC-3 OUTLET 21E017A/B | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 811 | LDU -21 -FLOW | | LDU-FT2102 | FLOW D/P TRANS AR INLET 21E001A | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 812 | LDU - | | | | | | | | | | | | | | | | | | |

PREVENTIVE MAINTENANCE YEARLY SCHEDULE
PLANT: LUBE YEAR: 2022

Form No.
Effective Date 29.12.2021
Revision 0

Legend Text : B = Program Back-up C = Calibrate F = Function Test H = Overhaul I = Inspect L = Lubricate M = Strategy Plan P = Preventive Q = Check oil quality
S = Service T = Stand by condition check U = Running condition check V = Verify

| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|------------------|---------------|--|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 817 | LDU -21 -21B001 | LDU-FT2108A | SCE FLOW D/P TRANS AR INLET 21B001 | 1Y | | | | | | | | | | I | | | RLB | RLB-ILBO |
| 818 | LDU -21 -21B001 | LDU-FT2108A | SCE FLOW D/P TRANS AR INLET 21B001 | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 819 | LDU -21 -21B001 | LDU-FT2108B | SCE FLOW D/P TRANS AR INLET 21B001 | 1Y | | | | | | | | | | I | | | RLB | RLB-ILBO |
| 820 | LDU -21 -21B001 | LDU-FT2108B | SCE FLOW D/P TRANS AR INLET 21B001 | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 821 | LDU -21 -21B001 | LDU-FT2108C | SCE FLOW D/P TRANS AR INLET 21B001 | 1Y | | | | | | | | | | I | | | RLB | RLB-ILBO |
| 822 | LDU -21 -21B001 | LDU-FT2108C | SCE FLOW D/P TRANS AR INLET 21B001 | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 823 | LDU -21 -21B001 | LDU-FT2108D | SCE FLOW D/P TRANS AR INLET 21B001 | 1Y | | | | | | | | | | I | | | RLB | RLB-ILBO |
| 824 | LDU -21 -21B001 | LDU-FT2108D | SCE FLOW D/P TRANS AR INLET 21B001 | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 825 | LDU -21 -21F001A | LDU-FT2110 | FLOW D/P TRANS HEAVY SLOP 21F001A/B | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 826 | LDU -21 -21B001 | LDU-FT211156 | DIFF_PRESSURE-FLO_21B001 | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 827 | LDU -21 -21F003A | LDU-FT2115 | FLOW D/P TRANS TPA INLET 21F003A/B | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 828 | LDU -21 -21C001 | LDU-FT2116 | FLOW D/P TRANS MPA INLET 21C001 | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 829 | LDU -21 -21C001 | LDU-FT2117 | FLOW D/P TRANS VR INLET 21C001 | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 830 | LDU -21 -FLOW | LDU-FT2118 | FLOW D/P TRANS HEAVY SLOP RECYC 21C001 | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 831 | LDU -21 -21B001 | LDU-FT2119 | FLOW D/P TRANS ANNUBAR AIR RECYCLE | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 832 | LDU -21 -21C001 | LDU-FT2120 | FLOW D/P TRANS LP STEAM INLET 21C001 | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 833 | LDU -21 -21C002 | LDU-FT2122 | FLOW D/P TRANS LP STEAM INLET 21C002 | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 834 | LDU -21 -21C003 | LDU-FT2123 | FLOW D/P TRANS LP STEAM INLET 21C003 | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 835 | LDU -21 -21C004 | LDU-FT2124 | FLOW D/P TRANS LP STEAM INLET 21C004 | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 836 | LDU -21 -21C005 | LDU-FT2125 | FLOW D/P TRANS LP STEAM INLET 21C005 | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 837 | LDU -21 -FLOW | LDU-FT2126 | FLOW D/P TRANS MOTIVE STEAM 21X001 | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 838 | LDU -21 -FLOW | LDU-FT2129 | FLOW D/P TRANS HP STEAM FROM OSBL HP | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 839 | LDU -21 -FLOW | LDU-FT2130 | FLOW D/P TRANS BWV FROM OSBL BWV | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 840 | LDU -21 -21B001 | LDU-FT2131 | FLOW D/P TRANS FUEL GAS INLET BURNER | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 841 | LDU -21 -21B001 | LDU-FT2132 | P/D METER FUEL OIL INLET BURNER | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 842 | LDU -21 -21B001 | LDU-FT2134 | P/D METER FUEL OIL OUTLET BURNER | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 843 | LDU -21 -21B001 | LDU-FT2135 | FLOW D/P TRANS STEAM INLET BURNER | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 844 | LDU -21 -21B001 | LDU-FT2137A | FLOW D/P TRANS VAPORIZ STEAM 21B001 | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 845 | LDU -21 -21B001 | LDU-FT2137B | FLOW D/P TRANS VAPORIZ STEAM 21B001 | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 846 | LDU -21 -21B001 | LDU-FT2137C | FLOW D/P TRANS VAPORIZ STEAM 21B001 | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 847 | LDU -21 -21B001 | LDU-FT2137D | FLOW D/P TRANS VAPORIZ STEAM 21B001 | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 848 | LDU -21 -FLOW | LDU-FT2138 | FLOW D/P TRANS SOUR WATER DISCH 21P012 | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 849 | LDU -21 -FLOW | LDU-FT2139 | FLOW D/P TRANS LIGHT SLOP TO 61T071 | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 850 | LDU -21 -FLOW | LDU-FT2151 | FLOW TRANS OF 21D005 | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |

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Legend Text : B = Program Back-up C = Calibrate F = Function Test H = Overhaul I = Inspect L = Lubricate M = Strategy Plan P = Preventive Q = Check oil quality
S = Service T = Stand by condition check U = Running condition check V = Verify

| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|------------------|---------------|--|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 851 | LDU -24 -FLOW | LDU-FT2401 | FLOW D/P TRANS VAC RESID FEED 24D001 | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 852 | LDU -24 -24D001 | LDU-FT2402 | D/P FLOW TRANSMITTER | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 853 | LDU -24 -24D001 | LDU-FT2403 | D/P FLOW TRANSMITTER | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 854 | LDU -24 -FLOW | LDU-FT2405 | FLOW D/P TRANS SOLVENT INLET 24N001A | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 855 | LDU -24 -FLOW | LDU-FT2406 | FLOW D/P TRANS VAC RESID INLET 24N001A | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 856 | LDU -24 -FLOW | LDU-FT2407 | FLOW D/P TRANS SOLVENT INLET 24N001B | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 857 | LDU -24 -FLOW | LDU-FT2408 | FLOW D/P TRANS VAC RESID INLET 24N001B | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 858 | LDU -24 -FLOW | LDU-FT2409 | FLOW D/P TRANS SOLVENT INLET 24C001A | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 859 | LDU -24 -FLOW | LDU-FT2410 | FLOW D/P TRANS SOLVENT INLET 24C001B | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 860 | LDU -24 -FLOW | LDU-FT2411 | FLOW D/P TRANS SOLVENT OUTLET 24E001A | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 861 | LDU -24 -FLOW | LDU-FT2412 | FLOW D/P TRANS SOLVENT OUTLET 24E001D | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 862 | LDU -24 -FLOW | LDU-FT2413 | FLOW D/P TRANS SOLVENT TO 24E007 SOLVENT | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 863 | LDU -24 -FLOW | LDU-FT2414 | FLOW D/P TRANS STEAM INLET 24N002 | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 864 | LDU -24 -FLOW | LDU-FT2415 | FLOW D/P TRANS DAO INLET 24E004 | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 865 | LDU -24 -FLOW | LDU-FT2416 | FLOW D/P TRANS STEAM TO STEAM | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 866 | LDU -24 -FLOW | LDU-FT2417 | FLOW D/P TRANS DAO DISCH 24P005A/B | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 867 | LDU -24 -FLOW | LDU-FT2418 | FLOW D/P TRANS STEAM INLET 24N003 | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 868 | LDU -24 -24C004 | LDU-FT2419 | D/P FLOW TRANSMITTER | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 869 | LDU -24 -FLOW | LDU-FT2420 | FLOW P/D METER ASPH PRODUCT ASPH | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 870 | LDU -24 -24C001A | LDU-FT24200A | D/P FLOW TRANSMITTER | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 871 | LDU -24 -24C001B | LDU-FT24200B | D/P FLOW TRANSMITTER | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 872 | LDU -24 -FLOW | LDU-FT2421 | FLOW D/P TRANS SOLVENT MAKE-UP SOLVENT | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 873 | LDU -24 -FLOW | LDU-FT2422 | FLOW D/P TRANS SOLVENT VENT SOLVENT | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 874 | LDU -24 -FLOW | LDU-FT2423 | FLOW D/P TRANS SOLVENT DISCH 24P003A/B | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 875 | LDU -24 -FLOW | LDU-FT2424 | FLOW D/P TRANS SOLVENT DISCH 24P003A/B | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 876 | LDU -24 -FLOW | LDU-FT2425 | FLOW D/P TRANS SOUR WATER DISCH 24P004 | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 877 | LDU -24 -24B001 | LDU-FT2426 | FLOW D/P TRANS HOT OIL TO 24B001 | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 878 | LDU -24 -24B001 | LDU-FT2427A | SCE FLOW D/P TRANS HOT OIL TO 24B001 | 1Y | | | | | | | | | | I | | | RLB | RLB-ILBO |
| 879 | LDU -24 -24B001 | LDU-FT2427A | SCE FLOW D/P TRANS HOT OIL TO 24B001 | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 880 | LDU -24 -24B001 | LDU-FT2427B | SCE FLOW D/P TRANS HOT OIL TO 24B001 | 1Y | | | | | | | | | | I | | | RLB | RLB-ILBO |
| 881 | LDU -24 -24B001 | LDU-FT2427B | SCE FLOW D/P TRANS HOT OIL TO 24B001 | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 882 | LDU -24 -24B001 | LDU-FT2427C | SCE FLOW D/P TRANS HOT OIL TO 24B001 | 1Y | | | | | | | | | | I | | | RLB | RLB-ILBO |
| 883 | LDU -24 -24B001 | LDU-FT2427C | SCE FLOW D/P TRANS HOT OIL TO 24B001 | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 884 | LDU -24 -24B001 | LDU-FT2427D | SCE FLOW D/P TRANS HOT OIL TO 24B001 | 1Y | | | | | | | | | | I | | | RLB | RLB-ILBO |

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|------|------------------|---------------|--|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 885 | LDU -24 -24B001 | LDU-FT2427D | SCE FLOW D/P TRANS HOT OIL TO 24B001 | 5Y | | | | | | | | | | | | | RLB | RLB-ILBO |
| 886 | LDU -24 -24B001 | LDU-FT2427E | SCE FLOW D/P TRANS HOT OIL TO 24B001 | 1Y | | | | | | | | | | I | | | RLB | RLB-ILBO |
| 887 | LDU -24 -24B001 | LDU-FT2427E | SCE FLOW D/P TRANS HOT OIL TO 24B001 | 5Y | | | | | | | | | | | | F | RLB | RLB-ILBO |
| 888 | LDU -24 -24B001 | LDU-FT2427F | SCE FLOW D/P TRANS HOT OIL TO 24B001 | 1Y | | | | | | | | | | I | | | RLB | RLB-ILBO |
| 889 | LDU -24 -24B001 | LDU-FT2427F | SCE FLOW D/P TRANS HOT OIL TO 24B001 | 5Y | | | | | | | | | | | | F | RLB | RLB-ILBO |
| 890 | LDU -24 -FLOW | LDU-FT2429 | FLOW D/P TRANS HOT OIL CONTROL PRESS | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 891 | LDU -24 -FLOW | LDU-FT2431 | FLOW D/P TRANS HOT OIL OUTLET 24E016 | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 892 | LDU -24 -FLOW | LDU-FT2432 | FLOW D/P TRANS HOT OIL/SLOP/LGO TO DRY | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 893 | LDU -24 -FLOW | LDU-FT2433 | FLOW D/P TRANS HOT OIL SPLITTER LGO FROM | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 894 | LDU -24 -24B001 | LDU-FT2434 | FLOW D/P TRANS FUEL GAS TO HEATER FUEL | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 895 | LDU -24 -24B001 | LDU-FT2435 | FLOW METER FUEL OIL SUPPLY FUEL OIL | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 896 | LDU -24 -24B001 | LDU-FT2437 | FLOW P/D METER FUEL OIL OUTLET HEATER | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 897 | LDU -24 -24B001 | LDU-FT2438 | FLOW D/P TRANS STEAM STM ATOMIZING | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 898 | LDU -24 -24D004 | LDU-FT2441 | D/P FLOW TRANSMITTER | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 899 | LDU -24 -24D005 | LDU-FT2442 | FLOW TRANSMITTER | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 900 | LDU -24 -24E009A | LDU-FT2443 | D/P FLOW TRANSMITTER 24E009A/B | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 901 | LDU -24 -FLOW | LDU-FT2451 | FLOW D/P TRANS LP STEAM FROM B/L STEAM | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 902 | LDU -24 -FLOW | LDU-FT2452 | FLOW D/P TRANS MP STEAM FROM B/L STEAM | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 903 | LDU -24 -FLOW | LDU-FT2454 | FLOW D/P TRANS ANNULAR COOLING WATER | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 904 | LDU -24 -FLOW | LDU-FT2455 | FLOW VORTEX TRANS POTABLE WATER | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 905 | LDU -24 -FLOW | LDU-FT2456 | FLOW D/P TRANS PLANT AIR AIR PLANT | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 906 | LDU -24 -FLOW | LDU-FT2457 | FLOW D/P TRANS INST AIR AIR INST | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 907 | LDU -24 -FLOW | LDU-FT2458 | FLOW D/P TRANS N2 SUPPLY NITROGEN | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 908 | LDU -25 -FLOW | LDU-FT2502 | FLOW MASS TRANS OF FEED HEATER 25E001 | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 909 | LDU -25 -FLOW | LDU-FT2503 | FLOW MASS TRANS OF FEED HEATER 25E001 | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 910 | LDU -25 -FLOW | LDU-FT2504 | FLOW MASS TRANS OF FEED HEATER 25E001 | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 911 | LDU -25 -FLOW | LDU-FT2505 | FLOW MASS TRANS OF FEED TO 25R001 | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 912 | LDU -25 -FLOW | LDU-FT2506 | FLOW D/P TRANS OFF GAS INJECT TO 25N004 | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 913 | LDU -25 -25S001 | LDU-FT2507 | FLOW D/P TRANS OF GAS OIL TO 25S001 | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 914 | LDU -25 -FLOW | LDU-FT2509 | FLOW VORTEX TRANS OF LP STEAM TO BL | 1Y | | | | V | | | | | | | | | RLB | |

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|------|------------------|---------------|--|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 919 | LDU -25 -FLOW | LDU-FT2513 | FLOW D/P TRANS OF COOLING WATER SUPPLY | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 920 | LDU -25 -25S001 | LDU-FT2514 | FLOW D/P TRANS OF 25S001 | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 921 | LDU -25 -FLOW | LDU-FT2516 | FLOW VORTEX TRANS OF SHS DISTRIBUTION | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 922 | LDU -25 -FLOW | LDU-FT2517 | FLOW VORTEX TRANS OF LP DISTRIBUTION | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 923 | LDU -25 -FLOW | LDU-FT2518 | FLOW D/P TRANS OF AIR DISTRIBUTION | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 924 | LDU -25 -25S001 | LDU-FT2519 | FLOW D/P TRANS OF 25S001 | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 925 | LDU -25 -FLOW | LDU-FT2520 | FLOW MASS TRANS OF BITUMEN TO TANK | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 926 | LDU -25 -FLOW | LDU-FT2526 | FLOW VORTEX TRANS OF MP STEAM | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 927 | LDU -25 -25B001 | LDU-FT2550 | FLOW D/P TRANS FUEL GAS SUPPLY 25B001 | 1Y | | | | | | | | | | | | I | RLB | RLB-ILBO |
| 928 | LDU -25 -25B001 | LDU-FT2551 | FLOW D/P TRANS AIR TO DILUTION 25B001 | 1Y | | | | | | | | | | | | I | RLB | RLB-ILBO |
| 929 | LDU -25 -FLOW | LDU-FT2557A | FLOW D/P TRANS OF FLUSHING OIL | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 930 | LDU -25 -FLOW | LDU-FT2557B | FLOW D/P TRANS OF FLUSHING OIL | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 931 | LDU -25 -FLOW | LDU-FT2558 | FLOW D/P TRANS OF NITROGEN | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 932 | LDU -21 -21E017A | LDU-FV2101 | FLOW C/V VAC-3 OUTLET 21E017A/B | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 933 | LDU -21 -21E014A | LDU-FV2103 | FLOW C/V LVGO OUTLET 21E014A/B | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 934 | LDU -21 -21E016A | LDU-FV2104 | FLOW C/V VAC-2 OUTLET 21E016A/B | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 935 | LDU -21 -21E015A | LDU-FV2106 | FLOW C/V VAC-1 OUTLET 21E015A/B | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 936 | LDU -21 -21B001 | LDU-FV2109A | FLOW C/V AR INLET 21B001 | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 937 | LDU -21 -21B001 | LDU-FV2109B | FLOW C/V AR INLET 21B001 | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 938 | LDU -21 -21B001 | LDU-FV2109C | FLOW C/V AR INLET 21B001 | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 939 | LDU -21 -21B001 | LDU-FV2109D | FLOW C/V AR INLET 21B001 | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 940 | LDU -21 -21F001A | LDU-FV2110A | FLOW C/V HEAVY SLOP 21F001A/B | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 941 | LDU -21 -21F001A | LDU-FV2110B | FLOW C/V VAC-3 21F001A/B | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 942 | LDU -21 -21F003A | LDU-FV2115 | FLOW C/V TPA INLET 21F003A/B | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 943 | LDU -21 -21C001 | LDU-FV2116 | FLOW C/V MPA INLET 21C001 | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 944 | LDU -21 -21C001 | LDU-FV2117 | FLOW C/V VR INLET 21C001 | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 945 | LDU -21 -21K001A | LDU-FV2119A | FLOW C/V AIR COMB AIR | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 946 | LDU -21 -21K001B | LDU-FV2119B | FLOW C/V AIR COMB AIR | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 947 | LDU -21 -21C001 | LDU-FV2120 | FLOW C/V STRIPPING STEAM | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 948 | LDU -21 -21C002 | LDU-FV2122 | FLOW C/V LP STEAM INLET 21C002 | 1Y | F | | | | | | | | | | | | | |

PREVENTIVE MAINTENANCE YEARLY SCHEDULE
PLANT: LUBE YEAR: 2022

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|------------------|---------------|--|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 953 | LDU -21 -21B001 | LDU-FV2132 | FLOW C/V FUEL OIL INLET BURNER | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 954 | LDU -24 -24E009A | LDU-FV2402 | CONTROL VALVE 24E009A/B | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 955 | LDU -24 -CV | LDU-FV2405 | FLOW C/V SOLVENT INLET 24N001A | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 956 | LDU -24 -CV | LDU-FV2406 | FLOW C/V VAC RESID INLET 24N001A | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 957 | LDU -24 -CV | LDU-FV2407 | FLOW C/V SOLVENT INLET 24N001B | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 958 | LDU -24 -CV | LDU-FV2408 | FLOW C/V VAC RESID INLET 24N001B | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 959 | LDU -24 -CV | LDU-FV2409 | FLOW C/V SOLVENT INLET 24C001A | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 960 | LDU -24 -CV | LDU-FV2410 | FLOW C/V SOLVENT INLET 24C001B | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 961 | LDU -24 -CV | LDU-FV2414 | FLOW C/V STEAM INLET 24N002 | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 962 | LDU -24 -CV | LDU-FV2415 | FLOW C/V DAO INLET 24E004 | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 963 | LDU -24 -CV | LDU-FV2416 | FLOW C/V STEAM TO STEAM | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 964 | LDU -24 -CV | LDU-FV2418 | FLOW C/V STEAM INLET 24N003 | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 965 | LDU -24 -CV | LDU-FV2419 | FLOW C/V STEAM INLET 24C004 | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 966 | LDU -24 -CV | LDU-FV2424 | FLOW C/V SOLVENT DISCH 24P003A/B | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 967 | LDU -24 -24B001 | LDU-FV2426 | FLOW C/V HOT OIL TO 24B001 COLD OIL | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 968 | LDU -24 -24B001 | LDU-FV2428A | FLOW C/V HOT OIL INLET 24B001 | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 969 | LDU -24 -24B001 | LDU-FV2428B | FLOW C/V HOT OIL INLET 24B001 | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 970 | LDU -24 -24B001 | LDU-FV2428C | FLOW C/V HOT OIL INLET 24B001 | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 971 | LDU -24 -24B001 | LDU-FV2428D | FLOW C/V HOT OIL INLET 24B001 | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 972 | LDU -24 -24B001 | LDU-FV2428E | FLOW C/V HOT OIL INLET 24B001 | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 973 | LDU -24 -24B001 | LDU-FV2428F | FLOW C/V HOT OIL INLET 24B001 | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 974 | LDU -24 -24B001 | LDU-FV2434 | FLOW C/V FUEL GAS TO HEATER FUEL GAS | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 975 | LDU -24 -24B001 | LDU-FV2435 | FLOW C/V FUEL OIL SUPPLY FUEL OIL | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 976 | LDU -25 -CV | LDU-FV2501 | SCE FLOW C/V OF FEED HEATER 25E001 | 1Y | | | | | | | | | | | | I | RLB | RLB-ILBO |
| 977 | LDU -25 -CV | LDU-FV2501 | SCE FLOW C/V OF FEED HEATER 25E001 | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 978 | LDU -25 -CV | LDU-FV2502 | SCE FLOW C/V OF FEED HEATER 25E001 | 1Y | | | | | | | | | | | | I | RLB | RLB-ILBO |
| 979 | LDU -25 -CV | LDU-FV2502 | SCE FLOW C/V OF FEED HEATER 25E001 | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 980 | LDU -25 -CV | LDU-FV2503 | SCE FLOW C/V OF FEED HEATER 25E001 | 1Y | | | | | | | | | | | | I | RLB | RLB-ILBO |
| 981 | LDU -25 -CV | LDU-FV2503 | SCE FLOW C/V OF FEED HEATER 25E001 | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 982 | LDU -25 -CV | LDU-FV2504 | SCE FLOW C/V OF FEED HEATER 25E001 | 1Y | | | | | | | | | | | | I | RLB | RLB-ILBO |
| 983 | LDU -25 -CV | LDU-FV2504 | SCE FLOW C/V OF FEED HEATER 25E001 | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 984 | LDU -25 -CV | LDU-FV2506 | SCE FLOW C/V OF OFF GAS INJECT TO 25N004 | 1Y | | | | | | | | | | | | I | RLB | RLB-ILBO |
| 985 | LDU -25 -CV | LDU-FV2506 | SCE FLOW C/V OF OFF GAS INJECT TO 25N004 | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 986 | LDU -25 -25S001 | LDU-FV2507 | SCE FLOW C/V OF GAS OIL TO 25S001 | 1Y | | | | | | | | | | | | I | RLB | RLB-ILBO |

PREVENTIVE MAINTENANCE YEARLY SCHEDULE
PLANT: LUBE YEAR: 2022

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Legend Text : B = Program Back-up C = Calibrate F = Function Test H = Overhaul I = Inspect L = Lubricate M = Strategy Plan P = Preventive Q = Check oil quality
S = Service T = Stand by condition check U = Running condition check V = Verify

| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|-------|-----------------|---------------|--|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 987 | LDU -25 -25S001 | LDU-FV2507 | SCE FLOW C/V OF GAS OIL TO 25S001 | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 988 | LDU -25 -CV | LDU-FV2511 | FLOW C/V OF AIR INLET SYSTEM | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 989 | LDU -25 -CV | LDU-FV2512 | FLOW C/V OF WATER INLET SYSTEM | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 990 | LDU -25 -25S001 | LDU-FV2514 | FLOW V/V OF 25S001 | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 991 | LDU -25 -25S001 | LDU-FV2519 | FLOW C/V OF 25S001 | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 992 | LDU -25 -25R001 | LDU-FV2521 | FLOW ON-OFF V/V OF WATER INJECT 25R001 | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 993 | LDU -25 -25R001 | LDU-FV2522 | FLOW ON-OFF V/V OF WATER INJECT 25R001 | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 994 | LDU -25 -25R001 | LDU-FV2523 | FLOW ON-OFF V/V OF WATER INJECT 25R001 | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 995 | LDU -25 -25R001 | LDU-FV2524 | FLOW ON-OFF V/V OF WATER INJECT 25R001 | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 996 | LDU -25 -CV | LDU-FV2542 | FLOW C/V OF INJECT TO SHS STEAM | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 997 | LDU -25 -CV | LDU-FV2543 | FLOW C/V OF FEED HEATER 25E001 | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 998 | LDU -25 -25B001 | LDU-FV2555 | FLOW V/V OF AIR TO DILUTION 25B001 | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 999 | LDU -25 -25B001 | LDU-FV2563 | FLOW C/V OF FUEL GAS SUPPLY 25B001 | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,000 | LDU -21 -QMI_GD | LDU-GD2101 | GAS DETECTOR OF 21P001 | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,001 | LDU -21 -QMI_GD | LDU-GD2102 | SCE GAS DETECTOR OF 21B001 | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,002 | LDU -21 -QMI_GD | LDU-GD2102 | SCE GAS DETECTOR OF 21B001 | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,003 | LDU -21 -QMI_GD | LDU-GD2103 | GAS DETECTOR OF 21D007 | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,004 | LDU -24 -QMI_GD | LDU-GD2401 | SCE GAS DETECTOR OF 24B001 | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,005 | LDU -24 -QMI_GD | LDU-GD2401 | SCE GAS DETECTOR OF 24B001 | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,006 | LDU -24 -QMI_GD | LDU-GD2402 | GAS DETECTOR OF 24K001 | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,007 | LDU -24 -QMI_GD | LDU-GD2403 | GAS DETECTOR OF 24P007 | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,008 | LDU -24 -QMI_GD | LDU-GD2404 | GAS DETECTOR OF 24E013 | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,009 | LDU -24 -QMI_GD | LDU-GD2405 | GAS DETECTOR OF 24E015 | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,010 | LDU -24 -QMI_GD | LDU-GD2406 | GAS DETECTOR OF 24P002 | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,011 | LDU -24 -QMI_GD | LDU-GD2407 | GAS DETECTOR OF 24C003 | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,012 | LDU -24 -QMI_GD | LDU-GD2408 | GAS DETECTOR OF 24E001 | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,013 | LDU -24 -QMI_GD | LDU-GD2409 | GAS DETECTOR OF 24E002 | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,014 | LDU -24 -QMI_GD | LDU-GD2410 | GAS DETECTOR OF 24C002 | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,015 | LDU -24 -QMI_GD | LDU-GD2411 | GAS DETECTOR OF 24D002 | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,016 | LDU -24 -QMI_GD | LDU-GD2412 | GAS DETECTOR OF 24D008 | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,017 | LDU -24 -QMI_GD | LDU-GD2413 | GAS DETECTOR OF 24C004 | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,018 | LDU -24 -QMI_GD | LDU-GD2414 | GAS DETECTOR OF 24E001 | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,019 | LDU -24 -QMI_GD | LDU-GD2415 | GAS DETECTOR OF 24C001A | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,020 | LDU -24 -QMI_GD | LDU-GD2416 | GAS DETECTOR OF 24P005 | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|-------|--------------------|----------------|--|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 1,021 | LDU -24 -QMI_GD | LDU-GD2417 | GAS DETECTOR OF 24E014 | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,022 | LDU -25 -QMI_GD | LDU-GD2501 | SCE GAS DETECTOR OF 25P003 | 4M | | | V | | | | V | | | | | V | CAN | CAN-Q25 |
| 1,023 | LDU -25 -QMI_GD | LDU-GD2501 | SCE GAS DETECTOR OF 25P003 | 4M | | | | V | | | V | | | | | V | CAN | CAN-Q25 |
| 1,024 | LDU -25 -QMI_GD | LDU-GD2502 | GAS DETECTOR OF 25R001 | 4M | | | | V | | | V | | | | | V | CAN | CAN-Q25 |
| 1,025 | LDU -25 -QMI_GD | LDU-GD2503 | GAS DETECTOR OF 25T001 | 4M | | | | V | | | V | | | | | V | CAN | CAN-Q25 |
| 1,026 | LDU -25 -QMI_GD | LDU-GD2504 | GAS DETECTOR OF 25P004 | 4M | | | | V | | | V | | | | | V | CAN | CAN-Q25 |
| 1,027 | LDU -25 -QMI_GD | LDU-GD2505 | GAS DETECTOR OF 25E003 | 4M | | | | V | | | V | | | | | V | CAN | CAN-Q25 |
| 1,028 | LDU -25 -QMI_GD | LDU-GD2506 | GAS DETECTOR OF 25B001 | 4M | | | | V | | | V | | | | | V | CAN | CAN-Q25 |
| 1,029 | LDU -00 -GROUND-LN | LDU-GROUND-LN | GROUND-LN | 1Y | | | | | | | P | | | | | | RLB | RLB-ELBO |
| 1,030 | LDU -00 -GROUND-LN | LDU-GROUND-LN | GROUND-LN | 4M | | | I | | | | | | | | I | | RLB | RLB-ELBO |
| 1,031 | LDU -00 -GROUND-LN | LDU-GROUND-LN | GROUND-LN | 6M | | | P | | | | | | P | | | | RLB | RLB-ELBO |
| 1,032 | LDU -21 -21B001 | LDU-HV2101 | SCE STACK DAMPER 21B001 STACK | 1Y | | | | | | | | | | | I | | RLB | RLB-ILBO |
| 1,033 | LDU -21 -21B001 | LDU-HV2101 | SCE STACK DAMPER 21B001 STACK | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,034 | LDU -21 -21B001 | LDU-HV2102A | SCE AIR DAMPER 21B001 AIR DUCT | 1Y | | | | | | | | | | | I | | RLB | RLB-ILBO |
| 1,035 | LDU -21 -21B001 | LDU-HV2102A | SCE AIR DAMPER 21B001 AIR DUCT | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,036 | LDU -21 -21B001 | LDU-HV2102B | SCE AIR DAMPER 21B001 AIR DUCT | 1Y | | | | | | | | | | | I | | RLB | RLB-ILBO |
| 1,037 | LDU -21 -21B001 | LDU-HV2102B | SCE AIR DAMPER 21B001 AIR DUCT | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,038 | LDU -21 -21B001 | LDU-HV2102C | SCE AIR DAMPER 21B001 AIR DUCT | 1Y | | | | | | | | | | | I | | RLB | RLB-ILBO |
| 1,039 | LDU -21 -21B001 | LDU-HV2102C | SCE AIR DAMPER 21B001 AIR DUCT | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,040 | LDU -21 -21B001 | LDU-HV2102D | SCE AIR DAMPER 21B001 AIR DUCT | 1Y | | | | | | | | | | | I | | RLB | RLB-ILBO |
| 1,041 | LDU -21 -21B001 | LDU-HV2102D | SCE AIR DAMPER 21B001 AIR DUCT | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,042 | LDU -QCR- INTERCOM | LDU-INTERCOM | INTERCOM AREA QCR LDU | 1Y | | P | | | | | | | | | | | CES | CES-INST |
| 1,043 | LDU -24 -24K001A | LDU-LCP24K001A | LOCAL CONTROL PANEL ;24K001A | 1Y | | | | | | I | | | | | | | RLB | RLB-ILBO |
| 1,044 | LDU -25 -25B001 | LDU-LCP25B001 | LOCAL CONTROL PANEL ;25B001 | 1Y | | | | | | | | | | | | I | RLB | RLB-ILBO |
| 1,045 | LDU -25 -25K001A | LDU-LCP25K001A | LOCAL CONTROL PANEL OF 25K001A | 1Y | | | | | | | | | | | | I | RLB | RLB-ILBO |
| 1,046 | LDU -25 -25K001B | LDU-LCP25K001B | LOCAL CONTROL PANEL OF 25K001B | 1Y | | | | | | | | | | | | I | RLB | RLB-ILBO |
| 1,047 | LDU -25 -25K001C | LDU-LCP25K001C | LOCAL CONTROL PANEL OF 25K001C | 1Y | | | | | | | | | | | | I | RLB | RLB-ILBO |
| 1,048 | LDU -24 -24D001 | LDU-LIT2401 | LEVEL D/P TRANS VAC RESID SIDE 24D001 | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,049 | LDU -24 -24C001A | LDU-LIT2403 | LEVEL D/P TRANS ASPHALT BOTTOM 24C001A | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,050 | LDU -24 -24C001B | LDU-LIT24 | | | | | | | | | | | | | | | | |

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|-------|------------------|---------------|--|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 1,055 | LDU -24 -24C004 | LDU-LIT2415 | LEVEL D/P TRANS ASPHALT SIDE 24C004 | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,056 | LDU -25 -25R001 | LDU-LS2501 | LEVEL S/W OF REACTOR 25R001 | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,057 | LDU -25 -25R001 | LDU-LS2502 | LEVEL S/W OF REACTOR 25R001 | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,058 | LDU -25 -25R001 | LDU-LS2504 | SCE LEVEL S/W OF REACTOR 25R001 | 1Y | | | | | | | | | | | | I | RLB | RLB-ILBO |
| 1,059 | LDU -25 -25R001 | LDU-LS2504 | SCE LEVEL S/W OF REACTOR 25R001 | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,060 | LDU -25 -25R001 | LDU-LS2506 | LEVEL S/W OF REACTOR 25R001 | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,061 | LDU -25 -25E002A | LDU-LS2509 | LEVEL S/W OF COOLER 25E002A | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,062 | LDU -25 -25E002B | LDU-LS2510 | LEVEL S/W OF COOLER 25E002B | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,063 | LDU -25 -25R001 | LDU-LS2516 | SCE LEVEL S/W OF AGITATOR SEALING UNIT | 1Y | | | | | | | | | | | | I | RLB | RLB-ILBO |
| 1,064 | LDU -25 -25R001 | LDU-LS2516 | SCE LEVEL S/W OF AGITATOR SEALING UNIT | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,065 | LDU -21 -21D007 | LDU-LSH2123 | LEVEL S/W FUEL GAS 21D007 | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,066 | LDU -24 -24D007 | LDU-LSH2432 | LEVEL S/W HC MIX SIDE 24D007 | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,067 | LDU -21 -21C001 | LDU-LSH2109 | LEVEL S/W VAC RESID 21C001 | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,068 | LDU -24 -24D001 | LDU-LSH2402 | LEVEL S/W VAC RESID SIDE 24D001 | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,069 | LDU -24 -24D003 | LDU-LSH2421 | LEVEL S/W SOUR WATER SIDE 24D003 | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,070 | LDU -24 -24D007 | LDU-LSH2431 | LEVEL S/W HC MIX SIDE 24D007 | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,071 | LDU -21 -21T001 | LDU-LSL2101 | LEVEL S/W WATER 21T001 | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,072 | LDU -21 -21P003A | LDU-LSL2124A | LEVEL S/W 21P003A | 1Y | | | | | F | | | | | | | | RLB | RLB-ILBO |
| 1,073 | LDU -21 -21P003B | LDU-LSL2124B | LEVEL S/W 21P003B | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,074 | LDU -21 -21P004A | LDU-LSL2125A | LEVEL S/W 21P004A | 1Y | | | | | F | | | | | | | | RLB | RLB-ILBO |
| 1,075 | LDU -21 -21P004B | LDU-LSL2125B | LEVEL S/W 21P004B | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,076 | LDU -21 -21P005A | LDU-LSL2126A | LEVEL S/W 21P005A | 1Y | | | | | F | | | | | | | | RLB | RLB-ILBO |
| 1,077 | LDU -21 -21P005B | LDU-LSL2126B | LEVEL S/W 21P005B | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,078 | LDU -21 -21P006A | LDU-LSL2127A | LEVEL S/W 21P006A | 1Y | | | | | F | | | | | | | | RLB | RLB-ILBO |
| 1,079 | LDU -21 -21P006B | LDU-LSL2127B | LEVEL S/W 21P006B | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,080 | LDU -21 -21P007A | LDU-LSL2128A | LEVEL S/W 21P007A | 1Y | | | | | F | | | | | | | | RLB | RLB-ILBO |
| 1,081 | LDU -21 -21P007B | LDU-LSL2128B | LEVEL S/W 21P007B | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,082 | LDU -21 -21P008A | LDU-LSL2129A | LEVEL S/W 21P008A | 1Y | | | | | F | | | | | | | | RLB | RLB-ILBO |
| 1,083 | LDU -21 -21P008B | LDU-LSL2129B | LEVEL S/W 21P008B | 1Y | | | | F | | | | | | | | | | |

PREVENTIVE MAINTENANCE YEARLY SCHEDULE
PLANT: LUBE YEAR: 2022

Form No.
Effective Date 29.12.2021
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Legend Text : B = Program Back-up C = Calibrate F = Function Test H = Overhaul I = Inspect L = Lubricate M = Strategy Plan P = Preventive Q = Check oil quality
S = Service T = Stand by condition check U = Running condition check V = Verify

| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|-------|------------------|---------------|---|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 1,089 | LDU -21 -21P011A | LDU-LSL2132A | LEVEL S/W 21P011A | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,090 | LDU -21 -21P011B | LDU-LSL2132B | LEVEL S/W 21P011B | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,091 | LDU -24 -24D007 | LDU-LSL2433 | LEVEL S/W HC MIX SIDE 24D007 | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,092 | LDU -24 -24P001A | LDU-LSL2435A | LEVEL S/W OF 24P001A SEAL POT | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,093 | LDU -24 -24P001B | LDU-LSL2435B | LEVEL S/W OF 24P001B SEAL POT | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,094 | LDU -24 -24P002A | LDU-LSL2436A | LEVEL S/W OF 24P002A SEAL POT | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,095 | LDU -24 -24P002B | LDU-LSL2436B | LEVEL S/W OF 24P002B SEAL POT | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,096 | LDU -24 -24P002C | LDU-LSL2436C | LEVEL S/W OF 24P002C SEAL POT | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,097 | LDU -24 -24P002D | LDU-LSL2436D | LEVEL S/W OF 24P002D SEAL POT | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,098 | LDU -24 -24P003A | LDU-LSL2437A | LEVEL S/W OF 24P003A SEAL POT | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,099 | LDU -24 -24P003B | LDU-LSL2437B | LEVEL S/W OF 24P003B SEAL POT | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,100 | LDU -24 -24P003C | LDU-LSL2437C | LEVEL S/W OF 24P003C SEAL POT | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,101 | LDU -24 -24P003D | LDU-LSL2437D | LEVEL S/W OF 24P003D SEAL POT | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,102 | LDU -24 -24P005A | LDU-LSL2438A | LEVEL S/W OF 24P005A SEAL POT | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,103 | LDU -24 -24P005B | LDU-LSL2438B | LEVEL S/W OF 24P005B SEAL POT | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,104 | LDU -24 -24P007A | LDU-LSL2439A | LEVEL S/W OF 24P007A SEAL POT | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,105 | LDU -24 -24P007B | LDU-LSL2439B | LEVEL S/W OF 24P007B SEAL POT | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,106 | LDU -24 -24P007C | LDU-LSL2439C | LEVEL S/W OF 24P007C SEAL POT | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,107 | LDU -24 -24P007D | LDU-LSL2439D | LEVEL S/W OF 24P007D SEAL POT | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,108 | LDU -24 -24P008 | LDU-LSL2440 | LEVEL S/W OF 24P008 SEAL POT | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,109 | LDU -24 -24K001A | LDU-LSL2441A | LEVEL S/W OF OIL SUMP OF 24K001A | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,110 | LDU -24 -24K001B | LDU-LSL2441B | LEVEL S/W OF OIL SUMP OF 24K001B | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,111 | LDU -24 -24K001A | LDU-LSL2442A | LEVEL S/W OF LUBE OIL SYSTEM OF 24K001A | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,112 | LDU -24 -24P009A | LDU-LSL2442AP | LEVEL S/W OF 24P009A SEAL POT | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,113 | LDU -24 -24K001B | LDU-LSL2442B | LEVEL S/W OF LUBE OIL SYSTEM OF 24K001B | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,114 | LDU -24 -24P009B | LDU-LSL2442BP | LEVEL S/W OF 24P009B SEAL POT | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,115 | LDU -24 -24D002 | LDU-LSL2419 | LEVEL S/W SOUR WATER 24D002 | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,116 | LDU -24 -24D007 | LDU-LSL2434 | LEVEL S/W HC MIX 24D007 | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,117 | LDU -21 -21C001 | LDU-LT2102 | LEVEL TRANS VAC-1 21C001 | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,118 | LDU -21 -21C001 | LDU-LT2103 | LEVEL TRANS MPA REFLEX 21C001 | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,119 | LDU -21 -21C001 | LDU-LT2104 | LEVEL TRANS LVGO 21C001 | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,120 | LDU -21 -21C001 | LDU-LT2105 | LEVEL TRANS VAC-2 21C001 | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,121 | LDU -21 -21C001 | LDU-LT2106 | LEVEL TRANS VAC-3 21C001 | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,122 | LDU -21 -21C001 | LDU-LT2107 | LEVEL TRANS HEAVY SLOP 21C001 | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|-------|------------------|---------------|--|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 1,123 | LDU -21 -21C001 | LDU-LT2108 | LEVEL TRANS VAC RESID 21C001 | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,124 | LDU -21 -21C002 | LDU-LT2110 | LEVEL TRANS LVGO 21C002 | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,125 | LDU -21 -21C003 | LDU-LT2111 | LEVEL TRANS VAC-1 21C003 | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,126 | LDU -21 -21C005 | LDU-LT2113 | LEVEL TRANS VAC-3 21C005 | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,127 | LDU -21 -21D001 | LDU-LT2114 | LEVEL TRANS SOUR WATER 21D001 | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,128 | LDU -21 -21D001 | LDU-LT2115 | LEVEL TRANS SLOP OIL 21D001 | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,129 | LDU -21 -21D005 | LDU-LT2116 | LEVEL TRANS WATER 21D005 | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,130 | LDU -21 -21D002 | LDU-LT2117 | LEVEL TRANS SOUR WATER 21D002 | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,131 | LDU -21 -21D002 | LDU-LT2118 | LEVEL TRANS SLOP OIL 21D002 | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,132 | LDU -21 -21D003 | LDU-LT2119 | LEVEL TRANS SOUR WATER 21D003 | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,133 | LDU -21 -21C004 | LDU-LT2122 | LEVEL TRANS VAC-2 21C004 | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,134 | LDU -24 -24C001A | LDU-LT2404 | LEVEL TRANS ASPHALT SOLVENT SIDE 24C001A | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,135 | LDU -24 -24C001B | LDU-LT2406 | LEVEL TRANS ASPHALT SOLVENT SIDE 24C001B | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,136 | LDU -24 -24C002 | LDU-LT2408 | LEVEL TRANS DAO SOLVENT SIDE 24C002 | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,137 | LDU -24 -24D004 | LDU-LT2410 | LEVEL TRANS DAO SOLVENT SIDE 24D004 | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,138 | LDU -24 -24C003 | LDU-LT2412 | LEVEL TRANS DAO SIDE 24C003 | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,139 | LDU -24 -24D005 | LDU-LT2414 | LEVEL TRANS ASPHALT SOLVENT SIDE 24D005 | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,140 | LDU -24 -24C004 | LDU-LT2416 | LEVEL TRANS ASPHALT SIDE 24C004 | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,141 | LDU -24 -24D002 | LDU-LT2417 | LEVEL D/P TRANS SOLVENT SIDE 24D002 | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,142 | LDU -24 -24D002 | LDU-LT2418 | LEVEL TRANS SOUR WATER BOTTOM 24D002 | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,143 | LDU -24 -24D003 | LDU-LT2420 | LEVEL TRANS SOUR WATER SIDE 24D003 | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,144 | LDU -24 -24D006 | LDU-LT2422 | LEVEL TRANS HOT OIL SIDE 24D006 | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,145 | LDU -24 -24D008 | LDU-LT2423 | LEVEL D/P TRANS HOT OIL SIDE 24D008 | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,146 | LDU -25 -25R001 | LDU-LT2505 | LEVEL TRANS OF 25R001 | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,147 | LDU -25 -25S001 | LDU-LT2508 | LEVEL TRANS OF 25S001 | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,148 | LDU -25 -25E002A | LDU-LT2512 | LEVEL TRANS OF 25E002A | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,149 | LDU -25 -25E002B | LDU-LT2514 | LEVEL TRANS OF 25E002B | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,150 | LDU -21 -21C001 | LDU-LV2102 | LEVEL C/V VAC-1 21C001 | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,151 | LDU -21 -21C001 | LDU-LV2103 | LEVEL C/V MPA REFLEX 21C001 | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,152 | LDU -21 -21C001 | LDU-LV2104 | LEVEL C/V LVGO 21C001 | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,153 | LDU -21 -21C001 | LDU-LV2105 | LEVEL C/V VAC-2 21C001 | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,154 | LDU -21 -21C001 | LDU-LV2106 | LEVEL C/V VAC-3 21C001 | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,155 | LDU -21 -21C001 | LDU-LV2107 | LEVEL C/V HEAVY SLOP 21C001 | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,156 | LDU -21 -21C001 | LDU-LV2108 | LEVEL C/V VAC RESID 21C001 | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|-------|------------------|----------------|--|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 1,157 | LDU -21 -21C002 | LDU-LV2110 | LEVEL C/V LVGO 21C002 | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,158 | LDU -21 -21C003 | LDU-LV2111 | LEVEL C/V VAC-1 21C003 | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,159 | LDU -21 -21C005 | LDU-LV2113 | LEVEL C/V VAC-3 21C005 | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,160 | LDU -21 -21D001 | LDU-LV2114 | LEVEL C/V SOUR WATER 21D001 | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,161 | LDU -21 -21D001 | LDU-LV2115 | LEVEL C/V SLOP OIL 21D001 | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,162 | LDU -21 -21D005 | LDU-LV2116 | LEVEL C/V WATER 21D005 | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,163 | LDU -21 -21D002 | LDU-LV2117 | LEVEL C/V SOUR WATER 21D002 | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,164 | LDU -21 -21D003 | LDU-LV2119 | LEVEL C/V SOUR WATER 21D003 | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,165 | LDU -21 -21C004 | LDU-LV2122 | LEVEL C/V VAC-2 21C004 | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,166 | LDU -24 -24D001 | LDU-LV2401 | LEVEL C/V VAC RESID SIDE 24D001 | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,167 | LDU -24 -24C001A | LDU-LV2404 | CONTROL VALVE | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,168 | LDU -24 -24C001B | LDU-LV2406 | CONTROL VALVE | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,169 | LDU -24 -24C002 | LDU-LV2408 | LEVEL C/V DAO SOLVENT SIDE 24C002 | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,170 | LDU -24 -24C003 | LDU-LV2410 | CONTROL VALVE | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,171 | LDU -24 -24C003 | LDU-LV2412 | LEVEL C/V DAO SIDE 24C003 | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,172 | LDU -24 -24D005 | LDU-LV2414 | LEVEL C/V ASPHALT SOLVENT SIDE 24D005 | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,173 | LDU -24 -24C004 | LDU-LV2416 | LEVEL C/V ASPHALT SIDE 24C004 | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,174 | LDU -24 -24D002 | LDU-LV2418 | CONTROL VALVE | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,175 | LDU -24 -24D003 | LDU-LV2420 | LEVEL C/V SOUR WATER SIDE 24D003 | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,176 | LDU -25 -25R001 | LDU-LV2505 | LEVEL C/V OF 25R001 | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,177 | LDU -25 -25S001 | LDU-LV2508 | LEVEL C/V OF 25S001 | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,178 | LDU -25 -25E002A | LDU-LV2512 | LEVEL C/V OF 25E002A | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,179 | LDU -25 -25E002B | LDU-LV2514 | LEVEL C/V OF 25E002B | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,180 | LDU -BDG-PA | LDU-PA | PUBLIC ANNOUNCEMENT AREA BDG ASPHALT | 1Y | | | | | | | | | | | P | | CES | CES-INST |
| 1,181 | LDU -BDG-PA | LDU-PA-UPS | PUBLIC ANNOUNCEMENT BACKUP AREA BDG ASPH | 1Y | | | | | | | | | | | P | | CES | CES-INST |
| 1,182 | LDU -21 -21B001 | LDU-PDSH2130 | PRESSURE DIFF S/W OF 21B001 FO STR | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,183 | LDU -24 -24K001A | LDU-PDSH24118A | PRESSURE DIFF S/W OIL FILTER 24K001A | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,184 | LDU -24 -24K001B | LDU-PDSH24118B | PRESSURE DIFF S/W OIL FILTER 24K001B | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,185 | LDU -24 -24B001 | LDU-PDSH2426 | PRESSURE DIFF S/W FO FO STR 24B001 | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,186 | LDU -21 -21F0 | | | | | | | | | | | | | | | | | |

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|-------|------------------|---------------|--|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 1,191 | LDU -21 -21F005A | LDU-PDT2126 | PRESSURE DIFF TRANS MPA 21F005A/B | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,192 | LDU -21 -21F006A | LDU-PDT2127 | PRESSURE DIFF TRANS MPA 21F006A/B | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,193 | LDU -21 -21F007A | LDU-PDT2128 | PRESSURE DIFF TRANS VAC-2 21F007A/B | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,194 | LDU -24 -24B001 | LDU-PDV2421 | PRESSURE C/V OIL/ STEAM SUPPLY FUEL OIL | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,195 | LDU -21 -21D007 | LDU-PG21103 | PRESSURE GAUGE FUEL GAS INLET 21D007 | 3Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,196 | LDU -24 -24B001 | LDU-PG2461 | PRESSURE GAUGE FUEL GAS INLET #6 BURNER | 3Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,197 | LDU -24 -24D001 | LDU-PIT2401 | PRESSURE TRANS N2 24D001 TOP | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,198 | LDU -24 -24C001A | LDU-PIT2402 | PRESSURE TRANS DAO/ SOLVENT 24C001A TOP | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,199 | LDU -24 -24C001B | LDU-PIT2403 | PRESSURE TRANS DAO/ SOLVENT 24C001B TOP | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,200 | LDU -24 -24C002 | LDU-PIT2404 | PRESSURE TRANS PROPANE OUTLET 24C002 TOP | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,201 | LDU -24 -24C002 | LDU-PIT2405 | PRESSURE TRANS PROPANE OUTLET 24C002 TOP | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,202 | LDU -24 -24D004 | LDU-PIT2406 | PRESSURE TRANS PROPANE OUTLET 24D004 TOP | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,203 | LDU -24 -24C003 | LDU-PIT2407 | PRESSURE TRANS STEAM/ SOLVENT 24C003 TOP | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,204 | LDU -24 -24D005 | LDU-PIT2408 | PRESSURE TRANS PROPANE OUTLET 24D005 TOP | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,205 | LDU -24 -24C004 | LDU-PIT2409 | PRESSURE TRANS STEAM SOLVENT 24C004 TOP | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,206 | LDU -24 -24D002 | LDU-PIT2411 | PRESSURE TRANS PROPANE 24D002 TOP | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,207 | LDU -24 -24D003 | LDU-PIT2412 | PRESSURE TRANS PROPANE 24D003 TOP | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,208 | LDU -24 -PRESS | LDU-PIT2413 | PRESSURE TRANS HOT OIL CONTROL PRESSURE | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,209 | LDU -24 -24D006 | LDU-PIT2414 | PRESSURE TRANS N2 24D006 TOP | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,210 | LDU -24 -24P002A | LDU-PSH2438A | PRESSURE S/W OF 24P002A SEAL POT | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,211 | LDU -24 -24P002A | LDU-PSH2438B | PRESSURE S/W OF 24P002A SEAL POT | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,212 | LDU -24 -24P002B | LDU-PSH2438C | PRESSURE S/W OF 24P002B SEAL POT | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,213 | LDU -24 -24P002B | LDU-PSH2438D | PRESSURE S/W OF 24P002B SEAL POT | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,214 | LDU -24 -24K001A | LDU-PSH2443A | PRESSURE S/W OF DISCH 1 ST OF 24K001A | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,215 | LDU -24 -24K001B | LDU-PSH2443B | PRESSURE S/W OF DISCH 1 ST OF 24K001B | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,216 | LDU -24 -24K001A | LDU-PSH2444A | PRESSURE S/W OF DISCH 2 ND OF 24K001A | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,217 | LDU -24 -24K001B | LDU-PSH2444B | PRESSURE S/W OF DISCH 2 ND OF 24K001B | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,218 | LDU -25 -25B001 | LDU-PSH2552 | PRESSURE S/W OF 25B001 | 1Y | | | | | | | | | | | I | | RLB | RLB-ILBO |
| 1,219 | LDU -24 -24K001A | | | | | | | | | | | | | | | | | |

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|-------|------------------|---------------|--|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 1,225 | LDU -21 -21B001 | LDU-PSL2122 | PRESSURE S/W FUEL GAS INLET BURNER | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,226 | LDU -21 -21B001 | LDU-PSL2123 | PRESSURE S/W STEAM SCOT 21B001 | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,227 | LDU -21 -21K001A | LDU-PSL2131 | PRESS S/W FUEL OIL AIR DISCH FD21K001A/B | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,228 | LDU -21 -21P003A | LDU-PSL2133A | PRESSURE S/W OF 21P003A SEAL POT | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,229 | LDU -21 -21P003B | LDU-PSL2133B | PRESSURE S/W OF 21P003B SEAL POT | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,230 | LDU -21 -21P004A | LDU-PSL2134A | PRESSURE S/W OF 21P004A SEAL POT | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,231 | LDU -21 -21P004B | LDU-PSL2134B | PRESSURE S/W OF 21P004B SEAL POT | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,232 | LDU -21 -21P005A | LDU-PSL2135A | PRESSURE S/W OF 21P005A SEAL POT | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,233 | LDU -21 -21P005B | LDU-PSL2135B | PRESSURE S/W OF 21P005B SEAL POT | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,234 | LDU -21 -21P006A | LDU-PSL2136A | PRESSURE S/W OF 21P006A SEAL POT | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,235 | LDU -21 -21P006B | LDU-PSL2136B | PRESSURE S/W OF 21P006B SEAL POT | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,236 | LDU -21 -21P007A | LDU-PSL2137A | PRESSURE S/W OF 21P007A SEAL POT | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,237 | LDU -21 -21P007B | LDU-PSL2137B | PRESSURE S/W OF 21P007B SEAL POT | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,238 | LDU -21 -21P008A | LDU-PSL2138A | PRESSURE S/W OF 21P008A SEAL POT | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,239 | LDU -21 -21P008B | LDU-PSL2138B | PRESSURE S/W OF 21P008B SEAL POT | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,240 | LDU -21 -21P009A | LDU-PSL2139A | PRESSURE S/W OF 21P009A SEAL POT | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,241 | LDU -21 -21P009B | LDU-PSL2139B | PRESSURE S/W OF 21P009B SEAL POT | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,242 | LDU -21 -21P009C | LDU-PSL2139C | PRESSURE S/W OF 21P009C SEAL POT | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,243 | LDU -21 -21P010A | LDU-PSL2140A | PRESSURE S/W OF 21P010A SEAL POT | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,244 | LDU -21 -21P010B | LDU-PSL2140B | PRESSURE S/W OF 21P010B SEAL POT | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,245 | LDU -21 -21P011A | LDU-PSL2141A | PRESSURE S/W OF 21P011A SEAL POT | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,246 | LDU -21 -21P011B | LDU-PSL2141B | PRESSURE S/W OF 21P011B SEAL POT | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,247 | LDU -24 -24P007A | LDU-PSL2425 | PRESSURE S/W COLD OIL DISCH 24P007A/B | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,248 | LDU -24 -24B001 | LDU-PSL2436 | PRESSURE S/W STEAM INLET SCOT BLOWER | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,249 | LDU -24 -24P001A | LDU-PSL2437A | PRESSURE S/W INLET 24P001A | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,250 | LDU -24 -24P001B | LDU-PSL2437B | PRESSURE S/W INLET 24P001B | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,251 | LDU -24 -24P003A | LDU-PSL2439A | PRESSURE S/W OF 24P003A SEAL POT | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,252 | LDU -24 -24P003A | LDU-PSL2439B | PRESSURE S/W OF 24P003A SEAL POT | 1Y | | | | | | V | | | | | | | RLB | |

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|-------|------------------|---------------|---|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 1,259 | LDU -24 -24K001A | LDU-PSL2446A | PRESSURE S/W SCAVENGING N2 24K001A | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,260 | LDU -24 -24K001B | LDU-PSL2446B | PRESSURE S/W SCAVENGING N2 24K001B | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,261 | LDU -24 -24K001A | LDU-PSL2447A | PRESSURE S/W LUBE OIL SYSTEM 24K001A | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,262 | LDU -24 -24K001B | LDU-PSL2447B | PRESSURE S/W LUBE OIL SYSTEM 24K001B | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,263 | LDU -24 -24B001 | LDU-PSL2461 | PRESSURE S/W LPG HEAD PILOT GAS | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,264 | LDU -24 -24P007A | LDU-PSL2462A | PRESSURE S/W OF 24P007A SEAL POT | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,265 | LDU -24 -24P007A | LDU-PSL2462B | PRESSURE S/W OF 24P007A SEAL POT | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,266 | LDU -24 -24P007B | LDU-PSL2462C | PRESSURE S/W OF 24P007B SEAL POT | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,267 | LDU -24 -24P007B | LDU-PSL2462D | PRESSURE S/W OF 24P007B SEAL POT | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,268 | LDU -24 -24P008 | LDU-PSL2463 | PRESSURE S/W OF 24P008 SEAL POT | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,269 | LDU -24 -24P009A | LDU-PSL2464A | PRESSURE S/W OF 24P009A SEAL POT | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,270 | LDU -24 -24P009B | LDU-PSL2464B | PRESSURE S/W OF 24P009B SEAL POT | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,271 | LDU -25 -25B001 | LDU-PSL2555 | SCE PRESSURE S/W OF 25B001 | 1Y | | | | | | | | | | | | I | RLB | RLB-ILBO |
| 1,272 | LDU -25 -25B001 | LDU-PSL2555 | SCE PRESSURE S/W OF 25B001 | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,273 | LDU -25 -25B001 | LDU-PSL2558 | SCE PRESSURE S/W OF 25B001 | 1Y | | | I | | | | | | | | | | RLB | RLB-ILBO |
| 1,274 | LDU -25 -25B001 | LDU-PSL2580 | PRESSURE S/W OF 25B001 | 1Y | | | | | | | | | | | | I | RLB | RLB-ILBO |
| 1,275 | LDU -24 -24K001A | LDU-PSLL2442A | PRESSURE S/W OF SUCTION 1 ST OF 24K001A | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,276 | LDU -24 -24K001B | LDU-PSLL2442B | PRESSURE S/W OF SUCTION 1 ST OF 24K001B | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,277 | LDU -24 -24K001A | LDU-PSLL2448A | PRESSURE S/W LUBE OIL SYSTEM 24K001A | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,278 | LDU -24 -24K001B | LDU-PSLL2448B | PRESSURE S/W LUBE OIL SYSTEM 24K001B | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,279 | LDU -25 -25R001 | LDU-PSV-2520 | RUPTURE DISC FOR 25R001 | 10Y | | | | | | | | | | | I | | RLB | RLB-MWOR |
| 1,280 | LDU -21 -PRD | LDU-PSV009253 | PRESSURE RELIEF DEVICE FOR PIPING | 1Y | | | | | | | | | | | I | | RLB | RLB-MWOR |
| 1,281 | LDU -21 -PRD | LDU-PSV2102 | SV OF 21Z001 | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,282 | LDU -21 -PRD | LDU-PSV2103 | SV OF 21B001 | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,283 | LDU -21 -PRD | LDU-PSV2104 | SV OF 21C001 | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,284 | LDU -21 -PRD | LDU-PSV2105 | SV OF 21C001 | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,285 | LDU -21 -PRD | LDU-PSV2111 | SV OF 21XE001 | 10Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,286 | LDU -21 -PRD | LDU-PSV2112 | SV OF 21XE002 | 10Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,287 | LDU -21 -21D003 | LDU-PSV2114 | SV OF 21D003 | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,288 | | | | | | | | | | | | | | | | | | |

PREVENTIVE MAINTENANCE YEARLY SCHEDULE
PLANT: LUBE YEAR: 2022

Form No.
Effective Date 29.12.2021
Revision 0

Legend Text : B = Program Back-up C = Calibrate F = Function Test H = Overhaul I = Inspect L = Lubricate M = Strategy Plan P = Preventive Q = Check oil quality
S = Service T = Stand by condition check U = Running condition check V = Verify

| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|-------|------------------|---------------|-------------------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 1,293 | LDU -21 -21D007 | LDU-PSV2121 | SV OF 21D007 | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,294 | LDU -24 -PRD | LDU-PSV2401 | SV OF 24D001 | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,295 | LDU -24 -PRD | LDU-PSV2402 | SV OF 24E015 INLET | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,296 | LDU -24 -PRD | LDU-PSV2403 | SV OF 24E010 INLET | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,297 | LDU -24 -PRD | LDU-PSV2404 | SV OF 24E005 OUTLET | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,298 | LDU -24 -PRD | LDU-PSV2406 | SV OF 24C001A OUTLET | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,299 | LDU -24 -PRD | LDU-PSV2407 | SV OF 24C001B OUTLET | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,300 | LDU -24 -24E009A | LDU-PSV2409 | PRESSURE RELIEF DEVICE FOR 24E009A | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,301 | LDU -24 -PRD | LDU-PSV2410 | SV OF 24C002 TOP OUTLET | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,302 | LDU -24 -PRD | LDU-PSV2411 | SV OF 24D004 TOP OUTLET | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,303 | LDU -24 -PRD | LDU-PSV241176 | PRESSURE RELIEF DEVICE FOR PIPING | 1Y | | | | | | | | | | | I | | RLB | RLB-MWOR |
| 1,304 | LDU -24 -PRD | LDU-PSV2412 | SV OF 24D005 TOP | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,305 | LDU -24 -PRD | LDU-PSV2413 | SV OF 24E013 INLET | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,306 | LDU -24 -PRD | LDU-PSV2414 | SV OF 24E003 INLET | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,307 | LDU -24 -PRD | LDU-PSV2416 | SV OF 24P006B OUTLET | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,308 | LDU -24 -PRD | LDU-PSV2417 | SV OF 24E007 INLET | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,309 | LDU -24 -PRD | LDU-PSV2418 | SV OF 24D002 TOP OUTLET | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,310 | LDU -24 -PRD | LDU-PSV2419 | SV OF 24E008 INLET | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,311 | LDU -24 -PRD | LDU-PSV2420 | SV OF 24D003 OUTLET | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,312 | LDU -24 -PRD | LDU-PSV24200 | PRESSURE RELIEF VALVE | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,313 | LDU -24 -PRD | LDU-PSV24201 | PRESSURE RELIEF VALVE | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,314 | LDU -24 -PRD | LDU-PSV2422 | SV OF 24B001 OUTLET | 3Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,315 | LDU -24 -PRD | LDU-PSV2423 | SV OF TO FLARE HEADER 24-010 | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,316 | LDU -24 -PRD | LDU-PSV2426 | SV OF 24D006 OUTLET | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,317 | LDU -24 -PRD | LDU-PSV2427 | SV OF 24K001A 1 ST DISCHARGE K/O | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,318 | LDU -24 -PRD | LDU-PSV2428 | SV OF 24K001B 1 ST DISCHARGE K/O | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,319 | LDU -24 -PRD | LDU-PSV2429 | SV OF 24K001A 2 ND DISCHARGE K/O | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,320 | LDU -24 -PRD | LDU-PSV2430 | SV OF 24K001B 2ND DISCHARGE K/O | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,321 | LDU -24 -24D009 | LDU-PSV2465 | PRESSURE RELIEF DEVICE FOR 24D009 | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,322 | LDU -24 -24D009 | LDU-PSV2468 | PRESSURE RELIEF DEVICE FOR 24D009 | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,323 | LDU -25 -PRD | LDU-PSV2543 | SV OF 3-WR-2505014-A15C-QW(LINE) | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,324 | LDU -25 -PRD | LDU-PSV2544 | SV OF 25E002BPRODUCT COOLER/25E002B | 3Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,325 | LDU -25 -PRD | LDU-PSV2545 | SV OF 25E002APRODUCT COOLER/25E002A | 3Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,326 | LDU -25 -PRD | LDU-PSV2546 | SV OF 25D001 PLANT AIR VESSEL | 10Y | | | I | | | | | | | | | | RLB | RLB-MWOR |

PREVENTIVE MAINTENANCE YEARLY SCHEDULE
PLANT: LUBE YEAR: 2022

Form No.
Effective Date 29.12.2021
Revision 0

Legend Text : B = Program Back-up C = Calibrate F = Function Test H = Overhaul I = Inspect L = Lubricate M = Strategy Plan P = Preventive Q = Check oil quality
S = Service T = Stand by condition check U = Running condition check V = Verify

| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|-------|-----------------|---------------|---|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 1,327 | LDU -25 -PRD | LDU-PSV2547 | SV OF 25S001 SCRUBBER | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,328 | LDU -25 -PRD | LDU-PSV2548 | SV OF 25E001 FEED HEATER | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,329 | LDU -25 -PRD | LDU-PSV2549 | SV OF 25E002B PRODUCT COOLER | 3Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,330 | LDU -25 -PRD | LDU-PSV2550 | SV OF 25E002A PRODUCT COOLER | 3Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,331 | LDU -25 -PRD | LDU-PSV2551 | PRESSURE RELIEF DEVICE FOR PIPING | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,332 | LDU -21 -PRESS | LDU-PT2101 | PRESSURE TRANS WATER OUTLET 21P017 | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,333 | LDU -21 -PRESS | LDU-PT2102 | PRESSURE TRANS AR OUTLET 21E009 | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,334 | LDU -21 -21B001 | LDU-PT2105 | PRESSURE TRANS STEAM INLET 21B001 | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,335 | LDU -21 -21C001 | LDU-PT2106 | PRESSURE TRANS ABS OFF GAS OVHD 21C001 | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,336 | LDU -21 -21C001 | LDU-PT2107 | PRESSURE TRANS ABS SLOP VAPOR 21C001 | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,337 | LDU -21 -PRESS | LDU-PT2110 | PRESSURE TRANS ABS OFF GAS INLET 21X001 | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,338 | LDU -21 -21D005 | LDU-PT2111 | PRESSURE TRANS SOUR GAS OVHD 21D005 | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,339 | LDU -21 -21D003 | LDU-PT2113 | PRESSURE TRANS LIGHT SLOP OUTLET 21D003 | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,340 | LDU -21 -21B001 | LDU-PT2121 | PRESSURE TRANS FUELOIL/ STEAM BURNER | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,341 | LDU -21 -PRESS | LDU-PT2129 | PRESSURE TRANS STEAM FROM OSBL HP STEAM | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,342 | LDU -24 -24E005 | LDU-PT2410 | PRESSURE TRANS ASPH INLET 24E005 | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,343 | LDU -24 -24B001 | LDU-PT2423 | PRESSURE TRANS STEAM SUPPLY 24B001 | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,344 | LDU -24 -PRESS | LDU-PT2431 | PRESSURE TRANS LP STEAM FROM B/L STEAM | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,345 | LDU -24 -PRESS | LDU-PT2432 | PRESSURE TRANS MP STEAM FROM B/L STEAM | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,346 | LDU -24 -PRESS | LDU-PT2434 | PRESSURE TRANS COOLING WATER | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,347 | LDU -24 -PRESS | LDU-PT2435 | PRESSURE TRANS INST AIR FROM B/L | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,348 | LDU -25 -25S001 | LDU-PT2508 | SCE PRESSURE TRANS OF 25S001 | 1Y | | | | | | | | | | | I | | RLB | RLB-ILBO |
| 1,349 | LDU -25 -25S001 | LDU-PT2508 | SCE PRESSURE TRANS OF 25S001 | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,350 | LDU -25 -PRESS | LDU-PT2514 | PRESSURE TRANS OF 25E001 | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,351 | LDU -25 -PRESS | LDU-PT2515 | PRESSURE TRANS OF MP STEAM | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,352 | LDU -25 -PRESS | LDU-PT2519 | PRESSURE TRANS OF LP STEAM TO BL | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,353 | LDU -25 -PRESS | LDU-PT2527 | PRESSURE TRANS OF WATER SUPPLY | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,354 | LDU -25 -PRESS | LDU-PT2529 | PRESSURE TRANS OF INST AIR SUPPLY | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,355 | LDU -25 -PRESS | LDU-PT2530 | PRESSURE TRANS OF 25D001 | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,356 | LDU -25 -PRESS | LDU-PT2531 | PRESSURE TRANS SHS STEAM DISTRIBUTION | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,357 | LDU -25 -PRESS | LDU-PT2532 | PRESSURE TRANS OF LP STEAM DISTRIBUTION | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,358 | LDU -25 -PRESS | LDU-PT2533 | PRESSURE TRANS OF INST AIR DISTRIBUTION | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,359 | LDU -25 -PRESS | LDU-PT2542 | PRESSURE TRANS OF 25P006 A/B SUCTION | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,360 | LDU -25 -25B001 | LDU-PT2560 | PRESSURE TRANS OF 25B001 | 1Y | | | | | | | | | | | I | | RLB | RLB-ILBO |

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|-------|------------------|---------------|--|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 1,361 | LDU -21 -CV | LDU-PV2101 | PRESSURE C/V WATER OUTLET 21P017 | 1Y | | | | | | | | F | | | | | RLB | RLB-ILBO |
| 1,362 | LDU -21 -21P011B | LDU-PV2103 | PRESSURE ON-OFF V/V DISCH 21P011A/B | 1Y | | | | | | | | F | | | | | RLB | RLB-ILBO |
| 1,363 | LDU -21 -21B001 | LDU-PV2105 | PRESSURE C/V VELOCITY STEAM INLET 21B001 | 1Y | | | | | | | | F | | | | | RLB | RLB-ILBO |
| 1,364 | LDU -21 -CV | LDU-PV2110 | PRESSURE C/V HEAVY OFF GAS INLET 21X001 | 1Y | | | | | | | | F | | | | | RLB | RLB-ILBO |
| 1,365 | LDU -21 -21D005 | LDU-PV2111 | PRESSURE C/V SOUR GAS OMHD 21D005 | 1Y | | | | | | | | F | | | | | RLB | RLB-ILBO |
| 1,366 | LDU -21 -21D003 | LDU-PV2113 | PRESSURE C/V LIGHT SLOP OUTLET 21D003 | 1Y | | | | | | | | F | | | | | RLB | RLB-ILBO |
| 1,367 | LDU -24 -24D001 | LDU-PV2401A | PRESSURE C/V N2 24D001 TOP | 1Y | | | | | | | | F | | | | | RLB | RLB-ILBO |
| 1,368 | LDU -24 -24D001 | LDU-PV2401B | PRESSURE C/V N2 24D001 TOP | 1Y | | | | | | | | F | | | | | RLB | RLB-ILBO |
| 1,369 | LDU -24 -24C002 | LDU-PV2404 | PRESSURE C/V PROPANE OUTLET 24C002 TOP | 1Y | | | | | | | | F | | | | | RLB | RLB-ILBO |
| 1,370 | LDU -24 -24C002 | LDU-PV2405 | PRESSURE C/V PROPANE OUTLET 24C002 TOP | 1Y | | | | | | | | F | | | | | RLB | RLB-ILBO |
| 1,371 | LDU -24 -24D004 | LDU-PV2406 | PRESSURE C/V PROPANE OUTLET 24D004 TOP | 1Y | | | | | | | | F | | | | | RLB | RLB-ILBO |
| 1,372 | LDU -24 -24D005 | LDU-PV2408 | CONTROL VALVE | 1Y | | | | | | | | F | | | | | RLB | RLB-ILBO |
| 1,373 | LDU -24 -24E005 | LDU-PV2410 | PRESSURE C/V ASPH INLET 24E005 | 1Y | | | | | | | | F | | | | | RLB | RLB-ILBO |
| 1,374 | LDU -24 -24D002 | LDU-PV2411A | PRESSURE C/V PROPANE 24D002 TOP | 1Y | | | | | | | | F | | | | | RLB | RLB-ILBO |
| 1,375 | LDU -24 -24D002 | LDU-PV2411B | PRESSURE C/V PROPANE 24D002 TOP | 1Y | | | | | | | | F | | | | | RLB | RLB-ILBO |
| 1,376 | LDU -24 -24D003 | LDU-PV2412A | PRESSURE C/V PROPANE 24D003 TOP | 1Y | | | | | | | | F | | | | | RLB | RLB-ILBO |
| 1,377 | LDU -24 -24D003 | LDU-PV2412B | PRESSURE C/V PROPANE 24D003 TOP | 1Y | | | | | | | | F | | | | | RLB | RLB-ILBO |
| 1,378 | LDU -24 -CV | LDU-PV2413 | PRESSURE C/V HOT OIL PRESSURE CONTROL | 1Y | | | | | | | | F | | | | | RLB | RLB-ILBO |
| 1,379 | LDU -24 -24D006 | LDU-PV2414A | PRESSURE C/V N2 24D006 TOP | 1Y | | | | | | | | F | | | | | RLB | RLB-ILBO |
| 1,380 | LDU -24 -24D008 | LDU-PV2414B | PRESSURE C/V N2 24D006 TOP | 1Y | | | | | | | | F | | | | | RLB | RLB-ILBO |
| 1,381 | LDU -25 -CV | LDU-PV2501 | PRESSURE C/V OF 25P002 A/B DISCHARGE | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 1,382 | LDU -25 -25S001 | LDU-PV2508 | SCE PRESSURE C/V OF 25S001 | 1Y | | | | | | | | | | | | I | RLB | RLB-ILBO |
| 1,383 | LDU -25 -25S001 | LDU-PV2508 | SCE PRESSURE C/V OF 25S001 | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,384 | LDU -25 -CV | LDU-PV2519 | PRESSURE C/V OF LP STEAM TO BL | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 1,385 | LDU -25 -25R001 | LDU-SE2501 | SCE SPEED AGITATOR 25R001 | 1Y | | | | | | | | | | | | I | RLB | RLB-ILBO |
| 1,386 | LDU -25 -25R001 | LDU-SE2501 | SCE SPEED AGITATOR 25R001 | 5Y | | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,387 | LDU -24 -24K001A | LDU-SV11 | SOLENOID V/V CAPACITY OF 24K001A | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 1,388 | LDU -24 -24K001A | LDU-SV12 | SOLENOID V/V CAPACITY OF 24K001A | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 1,389 | LDU -24 -24K001B | LDU-SV13 | SOLENOID V/V CAPACITY OF 24K001B | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 1,390 | LDU -24 -24K001B | LDU-SV14 | SOLENOID V/V CAPACITY OF 24K001B | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 1,391 | LDU -21 -TEMP | LDU-TE2103 | TEMP T/C ELEMENT AR INLET 21E001A | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,392 | LDU -21 -TEMP | LDU-TE2108 | TEMP T/C ELEMENT VAC-3 INLET 21E006B | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,393 | LDU -21 -TEMP | LDU-TE2109 | TEMP T/C ELEMENT VAC-2 INLET 21E005 | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,394 | LDU -21 -TEMP | LDU-TE2116 | TEMP T/C ELEMENT AR OUTLET 21E009 | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|-------|------------------|---------------|--|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 1,395 | LDU -21 -21B001 | LDU-TE2123 | TEMP T/C ELEMENT AR OUTLET 21B001 | 1Y | | | | | | V | | | V | | | | RLB | RLB-ILBO |
| 1,396 | LDU -21 -21P005A | LDU-TE2133 | TEMP T/C ELEMENT MPA SUCTION 21P005A/B | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,397 | LDU -21 -21C002 | LDU-TE2136 | TEMP T/C ELEMENT LVGO INLET 21C002 | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,398 | LDU -21 -21C004 | LDU-TE2138 | TEMP T/C ELEMENT VAC-2 INLET 21C004 | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,399 | LDU -21 -21C005 | LDU-TE2139 | TEMP T/C ELEMENT VAC-3 INLET 21C005 | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,400 | LDU -21 -TEMP | LDU-TG2101 | TEMP GAUGE AR OUTLET 21E002 | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,401 | LDU -21 -21E052A | LDU-TG2151 | TEMP GAUGE INLET 21E052A | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,402 | LDU -21 -21E052B | LDU-TG2153 | TEMP GAUGE INLET 21E052B | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,403 | LDU -21 -21E052A | LDU-TG2156 | TEMP GAUGE OUTLET 21E052A | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,404 | LDU -25 -25B001 | LDU-TI2551 | SCE TEMP INDICATOR OF 25B001 | 1Y | | | | | | | | | | | | I | RLB | RLB-ILBO |
| 1,405 | LDU -25 -25B001 | LDU-TI2551 | SCE TEMP INDICATOR OF 25B001 | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,406 | LDU -25 -25B001 | LDU-TI2561 | SCE TEMP INDICATOR OF 25B001 | 1Y | | | | | | | | | | | | I | RLB | RLB-ILBO |
| 1,407 | LDU -25 -25B001 | LDU-TI2561 | SCE TEMP INDICATOR OF 25B001 | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,408 | LDU -21 -21B001 | LDU-TIS2143 | TEMP INDICATOR S/W OF SOOT BLOWER | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,409 | LDU -24 -24B001 | LDU-TIS2454 | TEMP INDICATOR OF SOOT BLOWER INLET | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,410 | LDU -25 -25R001 | LDU-TS2538 | SCE TEMP S/W OF SEAL POT 25N001 | 1Y | | | | | | | | | | | | I | RLB | RLB-ILBO |
| 1,411 | LDU -25 -25R001 | LDU-TS2538 | SCE TEMP S/W OF SEAL POT 25N001 | 5Y | | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,412 | LDU -21 -21E017A | LDU-TT2101 | TEMP TRANS VAC-3 OUTLET 21E017A/B | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,413 | LDU -21 -21E013A | LDU-TT2102 | TEMP TRANS TPA OUTLET 21E013A/B | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,414 | LDU -21 -TEMP | LDU-TT2104 | TEMP TRANS MPA OUTLET 21E003 | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,415 | LDU -21 -21E014A | LDU-TT2105 | TEMP TRANS LVGO OUTLET 21E014A/B | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,416 | LDU -21 -21E016A | LDU-TT2107 | TEMP TRANS VAC-2 OUTLET 21E016A/B | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,417 | LDU -21 -21E015A | LDU-TT2113 | TEMP TRANS VAC-1 OUTLET 21E015A/B | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,418 | LDU -21 -21E011A | LDU-TT2114 | TEMP TRANS VAC RESID OUTLET 21E011A/B | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,419 | LDU -21 -TEMP | LDU-TT2115 | TEMP TRANS VAC RESID OUTLET 21E007 | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,420 | LDU -21 -21B001 | LDU-TT2123 | TEMP TRANS AR OUTLET 21B001 | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,421 | LDU -21 -21C001 | LDU-TT2124 | TEMP TRANS OFF GAS OMHD 21C001 | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,422 | LDU -21 -21C001 | LDU-TT2135 | TEMP TRANS DIST BTM OUTLET 21C001 | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,423 | LDU -21 -21B001 | LDU-TT2151 | TEMP TRANS FUEL GAS STACK 21B001 | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,424 | LDU -21 -TEMP | LDU-TT2152 | TEMP TRANS STEAM OUTLET 21Z001 | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,425 | LDU -24 -TEMP | LDU-TT2402 | TEMP TRANS VAC RESID OUTLET 24E015 | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,426 | LDU -24 -TEMP | LDU-TT2404 | TEMP TRANS ASPH OUTLET 24E010 | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,427 | LDU -24 -24C001A | LDU-TT2407A | TEMP TRANS DAO OUTLET 24C001A TOP | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,428 | LDU -24 -24C001B | LDU-TT2407B | TEMP TRANS DAO OUTLET 24C001B TOP | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |

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|-------|--------------------|---------------|--------------------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 1,429 | LDU -24 -24C001A | LDU-TT2409A | TEMP TRANS DAO SIDE 24C001A | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,430 | LDU -24 -24C001B | LDU-TT2409B | TEMP TRANS DAO SIDE 24C001B TOP | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,431 | LDU -24 -24E024 | LDU-TT2414 | TEMPERATURE TRANSMITTER | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,432 | LDU -24 -24C002 | LDU-TT2417 | TEMP TRANS DAO INLET 24C002 | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,433 | LDU -24 -TEMP | LDU-TT2419 | TEMP TRANS PROPANE DISCH 24P002A/B | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,434 | LDU -24 -TEMP | LDU-TT2422 | TEMP TRANS DAO OUTLET 24E014 | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,435 | LDU -24 -24C003 | LDU-TT2425 | TEMP TRANS DAO TO 24C003 | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,436 | LDU -24 -24E026 | LDU-TT2427 | TEMPERATURE TRANSMITTER | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,437 | LDU -24 -24E025 | LDU-TT2428 | TEMPERATURE TRANSMITTER | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,438 | LDU -24 -24C004 | LDU-TT2431 | TEMP TRANS ASPH TO 24C004 | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,439 | LDU -24 -24E007A-D | LDU-TT2434 | TEMP TRANS PROPANE TO 24E007 | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,440 | LDU -24 -TEMP | LDU-TT2436 | TEMP TRANS PROPANE TO 24E008 | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,441 | LDU -24 -24B001 | LDU-TT2438 | SCE TEMP TRANS FLUE GAS 24B001 | 1Y | | | | | | | | | | I | | | RLB | RLB-ILBO |
| 1,442 | LDU -24 -24B001 | LDU-TT2438 | SCE TEMP TRANS FLUE GAS 24B001 | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,443 | LDU -24 -24B001 | LDU-TT2441 | TEMP TRANS HOT OIL OUTLET 24B001 | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,444 | LDU -24 -TEMP | LDU-TT2442 | TEMP TRANS STEAM TO 24E016 | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,445 | LDU -24 -24D006 | LDU-TT2443 | TEMP TRANS HOT OIL BOTTOM 24D006 | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,446 | LDU -24 -24B001 | LDU-TT2444 | SCE TEMP TRANS FLUE GAS 24B001 | 1Y | | | | | | | | | | I | | | RLB | RLB-ILBO |
| 1,447 | LDU -24 -24B001 | LDU-TT2444 | SCE TEMP TRANS FLUE GAS 24B001 | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,448 | LDU -25 -25R001 | LDU-TT2501 | TEMP TRANS OF 25R001 | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,449 | LDU -25 -25R001 | LDU-TT2503 | TEMP TRANS OF 25R001 | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,450 | LDU -25 -25R001 | LDU-TT2504 | TEMP TRANS OF 25R001 | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,451 | LDU -25 -25R001 | LDU-TT2505 | TEMP TRANS OF 25R001 | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,452 | LDU -25 -25S001 | LDU-TT2506 | TEMP TRANS OF 25S001 | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,453 | LDU -25 -25S001 | LDU-TT2507 | TEMP TRANS OF 25S001 | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,454 | LDU -25 -TEMP | LDU-TT2508 | TEMP TRANS OF MP STEAM | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,455 | LDU -25 -25B001 | LDU-TT2510 | TEMP TRANS OF 25B001 | 1Y | | | | | | | | | | | | I | RLB | RLB-ILBO |
| 1,456 | LDU -25 -25S001 | LDU-TT2511 | TEMP TRANS OF 25S001 | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,457 | LDU -25 -25E002B | LDU-TT2522 | TEMP TRANS OF 25E002B | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,458 | LDU -25 -25E002A | LDU-TT2526 | TEMP TRANS OF 25E002A | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,459 | LDU -25 -TEMP | LDU-TT2535 | TEMP TRANS OF SHS STEAM DISTRIBUTION | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,460 | LDU -25 -TEMP | LDU-TT2536 | TEMP TRANS OF LP STEAM DISTRIBUTION | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,461 | LDU -25 -TEMP | LDU-TT2539 | TEMP TRANS OF AIR INLET SYSTEM | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,462 | LDU -25 -TEMP | LDU-TT2542 | TEMP TRANS OF 25E001 | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|-------|------------------|--------------------|---------------------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 1,463 | LDU -25 -TEMP | LDU-TT2543 | TEMP TRANS OF FEED 25P001 A/B | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,464 | LDU -25 -TEMP | LDU-TT2554 | TEMP TRANS OF BITUMEN TO TANK | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,465 | LDU -21 -CV | LDU-TV2104 | TEMP C/V MPA OUTLET 21E003 | 1Y | | | | | | | | | F | | | | RLB | RLB-ILBO |
| 1,466 | LDU -21 -CV | LDU-TV2115 | TEMP C/V VAC RESID OUTLET 21E007 | 1Y | | | | | | | | | F | | | | RLB | RLB-ILBO |
| 1,467 | LDU -21 -21B001 | LDU-TV2151 | TEMP DAMPER FUEL GAS STACK 21B001 | 1Y | | | | | | | | | F | | | | RLB | RLB-ILBO |
| 1,468 | LDU -21 -CV | LDU-TV2152 | TEMP C/V STEAM OUTLET 21Z001 | 1Y | | | | | | | | | F | | | | RLB | RLB-ILBO |
| 1,469 | LDU -24 -CV | LDU-TV2402 | TEMP C/V VAC RESID OUTLET 24E015 | 1Y | | | | | | | | | F | | | | RLB | RLB-ILBO |
| 1,470 | LDU -24 -CV | LDU-TV2404 | TEMP C/V ASPH OUTLET 24E010 | 1Y | | | | | | | | | F | | | | RLB | RLB-ILBO |
| 1,471 | LDU -24 -24C001A | LDU-TV2407A | CONTROL VALVE | 1Y | | | | | | | | | F | | | | RLB | RLB-ILBO |
| 1,472 | LDU -24 -24C001B | LDU-TV2407B | CONTROL VALVE | 1Y | | | | | | | | | F | | | | RLB | RLB-ILBO |
| 1,473 | LDU -24 -CV | LDU-TV2414 | TEMP C/V DAO TO 24E009A | 1Y | | | | | | | | | F | | | | RLB | RLB-ILBO |
| 1,474 | LDU -24 -24C002 | LDU-TV2417 | TEMP C/V DAO INLET 24C002 | 1Y | | | | | | | | | F | | | | RLB | RLB-ILBO |
| 1,475 | LDU -24 -CV | LDU-TV2420 | TEMP C/V SOLVENT FROM 24E001 | 1Y | | | | | | | | | F | | | | RLB | RLB-ILBO |
| 1,476 | LDU -24 -CV | LDU-TV2422 | TEMP C/V DAO OUTLET 24E014 | 1Y | | | | | | | | | F | | | | RLB | RLB-ILBO |
| 1,477 | LDU -24 -24C003 | LDU-TV2425 | TEMP C/V DAO TO 24C003 | 1Y | | | | | | | | | F | | | | RLB | RLB-ILBO |
| 1,478 | LDU -24 -CV | LDU-TV2427 | TEMP C/V ASPH TO 24E013 | 1Y | | | | | | | | | F | | | | RLB | RLB-ILBO |
| 1,479 | LDU -24 -CV | LDU-TV2428 | TEMP C/V ASPH TO 24E003 | 1Y | | | | | | | | | F | | | | RLB | RLB-ILBO |
| 1,480 | LDU -24 -24C004 | LDU-TV2431 | TEMP C/V ASPH TO 24C004 | 1Y | | | | | | | | | F | | | | RLB | RLB-ILBO |
| 1,481 | LDU -24 -CV | LDU-TV2442 | TEMP C/V STEAM TO 24E016 | 1Y | | | | | | | | | F | | | | RLB | RLB-ILBO |
| 1,482 | LDU -24 -24D006 | LDU-TV2443 | TEMP C/V HOT OIL BOTTOM 24D006 | 1Y | | | | | | | | | F | | | | RLB | RLB-ILBO |
| 1,483 | LDU -25 -25S001 | LDU-TV2507A | TEMP C/V OF 25S001 | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 1,484 | LDU -25 -25S001 | LDU-TV2507B | TEMP C/V OF 25S001 | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 1,485 | LDU -25 -25B001 | LDU-TV2552 | TEMP V/V OF AIR TO COMBUSTION 25B001 | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 1,486 | LDU -25 -25B001 | LDU-TV2571 | TEMP V/V OF 25B001 | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 1,487 | LDU -24 -CV | LDU-TV2436 | I/P PITCH CONTROL PROPANE TO 24E008 | 1Y | | | | | | | | | F | | | | RLB | RLB-ILBO |
| 1,488 | LDU -38C-GROUND | LDU-UND-GROUND-CAB | 6.3 KV UNDERGROUND CABLE | 1M | I | I | I | I | I | I | I | I | I | I | I | I | RLB | RLB-ELBO |
| 1,489 | LDU -24 -24K001A | LDU-VSH2421A | VIBRATION S/W 24K001A | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 1,490 | LDU -24 -24K001B | LDU-VSH2421B | VIBRATION S/W 24K001B | 1Y | | | | | F | | | | | | | | RLB | RLB-ILBO |
| 1,491 | LDU -25 -25B001 | LDU-XE2550 | FLAME DETECTOR OF 25B001 | 1Y | | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,492 | LDU -25 -25B001 | LDU-XS2566 | IGNITION GUN OF 25B001 | 1Y | | | | | | | | | | | | I | RLB | RLB-ILBO |
| 1,493 | LDU -21 -21B001 | LDU-XV2102A | SCE ON-OFF V/V PILOT GAS BURNER INLET | 1Y | | | | | | | | | | | | I | RLB | RLB-ILBO |
| 1,494 | LDU -21 -21B001 | LDU-XV2102A | SCE ON-OFF V/V PILOT GAS BURNER INLET | 5Y | | | | | | | | | | | | F | RLB | RLB-ILBO |
| 1,495 | LDU -21 -21B001 | LDU-XV2102B | SCE ON-OFF V/V PILOT GAS BURNER INLET | 1Y | | | | | | | | | | | | I | RLB | RLB-ILBO |
| 1,496 | LDU -21 -21B001 | LDU-XV2102B | SCE ON-OFF V/V PILOT GAS BURNER INLET | 5Y | | | | | | | | | | | | F | RLB | RLB-ILBO |

PREVENTIVE MAINTENANCE YEARLY SCHEDULE
PLANT: LUBE YEAR: 2022

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S = Service T = Stand by condition check U = Running condition check V = Verify

| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|-------|------------------|---------------|---|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 1,497 | LDU -21 -21B001 | LDU-XV2102C | SCE ON-OFF V/V PILOT GAS BURNER INLET | 1Y | | | | | | | | | | | I | | RLB | RLB-ILBO |
| 1,498 | LDU -21 -21B001 | LDU-XV2102C | SCE ON-OFF V/V PILOT GAS BURNER INLET | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,499 | LDU -21 -21B001 | LDU-XV2103 | SCE ON-OFF V/V FUEL OIL BURNER INLET | 1Y | | | | | | | | | | | I | | RLB | RLB-ILBO |
| 1,500 | LDU -21 -21B001 | LDU-XV2103 | SCE ON-OFF V/V FUEL OIL BURNER INLET | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,501 | LDU -21 -21B001 | LDU-XV2104 | SCE ON-OFF V/V SOUR GAS BURNER INLET | 1Y | | | | | | | | | | | I | | RLB | RLB-ILBO |
| 1,502 | LDU -21 -21B001 | LDU-XV2104 | SCE ON-OFF V/V SOUR GAS BURNER INLET | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,503 | LDU -21 -21B001 | LDU-XV2105 | ON-OFF V/V WATER SOOT BLOWER | 1Y | | | | | | | | | | | I | | RLB | RLB-ILBO |
| 1,504 | LDU -21 -21B001 | LDU-XV2106 | ON-OFF V/V WATER SOOT BLOWER | 1Y | | | | | | | | | | | I | | RLB | RLB-ILBO |
| 1,505 | LDU -21 -21B001 | LDU-XV2107 | ON-OFF V/V PILOT GAS BURNER INLET | 1Y | | | | | | | | | | | I | | RLB | RLB-ILBO |
| 1,506 | LDU -21 -CV | LDU-XV2151 | ON-OFF V/V WF MAKE UP WATER 21D005 | 1Y | | | I | | | | | | | | | | RLB | RLB-ILBO |
| 1,507 | LDU -21 -CV | LDU-XV2152 | SCE FIRE PROOF VALVE 21P011A/B | 1Y | | | | | | | | | | | | F | RLB | RLB-ILBO |
| 1,508 | LDU -21 -CV | LDU-XV2153 | SCE FIRE PROOF VALVE 21P011A/B | 1Y | | | | | | | | | | | | F | RLB | RLB-ILBO |
| 1,509 | LDU -21 -CV | LDU-XV2154 | SCE FIRE PROOF VALVE 21P008A/B | 1Y | | | | | | | | | | | | F | RLB | RLB-ILBO |
| 1,510 | LDU -21 -CV | LDU-XV2155 | SCE FIRE PROOF VALVE 21P010A/B | 1Y | | | | | | | | | | | | F | RLB | RLB-ILBO |
| 1,511 | LDU -24 -24B001 | LDU-XV2405A | SCE ON-OFF V/V FUEL GAS FUEL GAS INLET | 1Y | | | | | | | | | | | I | | RLB | RLB-ILBO |
| 1,512 | LDU -24 -24B001 | LDU-XV2405A | SCE ON-OFF V/V FUEL GAS FUEL GAS INLET | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,513 | LDU -24 -24B001 | LDU-XV2405B | SCE ON-OFF V/V FUEL GAS FUEL GAS INLET | 1Y | | | | | | | | | | | I | | RLB | RLB-ILBO |
| 1,514 | LDU -24 -24B001 | LDU-XV2405B | SCE ON-OFF V/V FUEL GAS FUEL GAS INLET | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,515 | LDU -24 -24B001 | LDU-XV2405C | SCE ON-OFF V/V FUEL GAS FUEL GAS VENT | 1Y | | | | | | | | | | | I | | RLB | RLB-ILBO |
| 1,516 | LDU -24 -24B001 | LDU-XV2405C | SCE ON-OFF V/V FUEL GAS FUEL GAS VENT | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,517 | LDU -24 -24B001 | LDU-XV2406A | SCE ON-OFF V/V FUEL GAS FUEL GAS INLET | 1Y | | | | | | | | | | | I | | RLB | RLB-ILBO |
| 1,518 | LDU -24 -24B001 | LDU-XV2406A | SCE ON-OFF V/V FUEL GAS FUEL GAS INLET | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,519 | LDU -24 -24B001 | LDU-XV2406B | SCE ON-OFF V/V FUEL GAS FUEL GAS INLET | 1Y | | | | | | | | | | | I | | RLB | RLB-ILBO |
| 1,520 | LDU -24 -24B001 | LDU-XV2406B | SCE ON-OFF V/V FUEL GAS FUEL GAS INLET | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,521 | LDU -24 -24B001 | LDU-XV2406C | SCE ON-OFF V/V FUEL GAS FUEL GAS VENT | 1Y | | | | | | | | | | | I | | RLB | RLB-ILBO |
| 1,522 | LDU -24 -24B001 | LDU-XV2406C | SCE ON-OFF V/V FUEL GAS FUEL GAS VENT | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,523 | LDU -24 -24B001 | LDU-XV2407 | SCE ON-OFF V/V FUEL OIL FUEL OIL SUPPLY | 1Y | | | | | | | | | | | I | | RLB | RLB-ILBO |
| 1,524 | LDU -24 -24B001 | LDU-XV2407 | SCE ON-OFF V/V FUEL OIL FUEL OIL SUPPLY | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,525 | LDU -24 -24B001 | LDU-XV2408 | ON-OFF V/V STEAM SOOT BLOWER INLET | 1Y | | | | | | | | | | | I | | RLB | RLB-ILBO |
| 1,526 | LDU -24 -24B001 | LDU-XV2408S | ON-OFF V/V OF SOOT BLOWER INLET | 1Y | | | | | | | | | | | I | | RLB | RLB-ILBO |
| 1,527 | LDU -24 -24B001 | LDU-XV2409 | ON-OFF V/V STEAM SOOT BLOWER INLET | 1Y | | | | | | | | | | | I | | RLB | RLB-ILBO |
| 1,528 | LDU -24 -24C001A | LDU-XV24200 | SCE ON/OFF VALVE | 1Y | | | | | | | | | | | | F | RLB | RLB-ILBO |
| 1,529 | LDU -24 -24C001B | LDU-XV24201 | SCE ON/OFF VALVE | 1Y | | | | | | | | | | | | F | RLB | RLB-ILBO |
| 1,530 | LDU -25 -25B001 | LDU-XV2552 | ON-OFF V/V OF FUEL GAS 25B001 | 1Y | | | | | | | | | | | I | | RLB | RLB-ILBO |

PREVENTIVE MAINTENANCE YEARLY SCHEDULE
PLANT: LUBE YEAR: 2022

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S = Service T = Stand by condition check U = Running condition check V = Verify

| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|-------|-----------------|---------------|--------------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 1,531 | LDU -25 -25B001 | LDU-XV2553 | ON-OFF V/V OF FUEL GAS 25B001 | 1Y | | | | | | | | | | | | I | RLB | RLB-ILBO |
| 1,532 | LDU -25 -25B001 | LDU-XV2554 | ON-OFF V/V OF FUEL GAS 25B001 | 1Y | | | | | | | | | | | | I | RLB | RLB-ILBO |
| 1,533 | LDU -25 -25B001 | LDU-XV2555 | ON-OFF V/V OF FUEL GAS 25B001 | 1Y | | | | | | | | | | | | I | RLB | RLB-ILBO |
| 1,534 | LDU -25 -25B001 | LDU-XV2560 | ON-OFF V/V OF PILOT GAS 25B001 | 1Y | | | | | | | | | | | | I | RLB | RLB-ILBO |
| 1,535 | LDU -25 -25B001 | LDU-XV2561 | ON-OFF V/V OF PILOT GAS 25B001 | 1Y | | | | | | | | | | | | I | RLB | RLB-ILBO |
| 1,536 | LDU -25 -25B001 | LDU-XV2562 | ON-OFF V/V OF PILOT GAS 25B001 | 1Y | | | | | | | | | | | | I | RLB | RLB-ILBO |
| 1,537 | LDU -25 -25R001 | LDU-ZS2508 | SCE LIMIT SWITCH | 1Y | | | | | | | | | | | | I | RLB | RLB-ILBO |
| 1,538 | LDU -25 -25R001 | LDU-ZS2508 | SCE LIMIT SWITCH | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |

(MA1 or MA2) _____
(CLIENT) _____
CHECKED : SECTION MGR. (AREA SERVICE)
CHECKED : SECTION MGR.

(MA1 or MA2) _____
APPROVED : DIVISION MGR. (AREA SERVICE)

(MAM) _____
(CLIENT) _____
CHECKED : SECTION MGR.
APPROVED : DIVISION MGR.

(MAM) _____
APPROVED : DIVISION MGR.

(MAE) _____
CHECKED : SECTION MGR.

(MAE) _____
APPROVED : DIVISION MGR.

(MAI) _____
CHECKED : SECTION MGR.

(MAI) _____
APPROVED : DIVISION MGR.

(MAS) _____
(MAP) _____
CHECKED : SECTION MGR.
ISSUED : PLANNING
DATE _____

(MAS) _____
APPROVED : DIVISION MGR.

(MAG) _____
APPROVED : DIVISION MGR.

PREVENTIVE MAINTENANCE YEARLY SCHEDULE
PLANT: LUBE YEAR: 2022

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|--------------------|-------------------|-----------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 1 | LTU | | | 1M | I | I | I | I | I | I | I | I | I | I | I | I | IRI | IRI-INVB |
| 2 | LTU -38C | | | 12M | | | | | | I | | | | | | | COH | COH-SMRL |
| 3 | LTU -61 -61P204 | | | 1Y | | I | | | | | | | | | | | RLB | RLB-ELBO |
| 4 | LTU -22 -22P007A | | | 6M | | | | | | L | | | | | | L | RLB | RLB-MLBO |
| 5 | LTU -E2C-SS22P005A | | | 1Y | | | | | | | | | | | | P | MSE | MSE-EST1 |
| 6 | LTU -E2C-SS22P005B | | | 1Y | | | | | | | | | | | | P | MSE | MSE-EST1 |
| 7 | LTU -22 -22B002A | | | 12M | | | | | | I | | | | | | | IRI | IRI-INLB |
| 8 | LTU -23 -23F001F | | | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 9 | LTU -23 -23F001F | | | 2M | | I | | I | | I | | | | I | | | RLB | RLB-MLBO |
| 10 | LTU -23 -QMI_CD | | | 4M | | | | I | | | | I | | | | I | CAN | CAN-Q25 |
| 11 | LTU -23 -PIPING | 1-1/2-AII-2375002 | 1-1/2-AII-2375002-D11 | 10Y | | | | | | | | | I | | | | IRI | IRI-INLB |
| 12 | LTU -22 -PIPING | 1-1/2-CPL-2201001 | 1-1/2-CPL-2201001-A24T-25S | 5Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 13 | LTU -22 -PIPING | 1-1/2-CPL-2219001 | 1-1/2-CPL-2219001-A13-25S | 5Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 14 | LTU -22 -PIPING | 1-1/2-CPL-2220001 | 1-1/2-CPL-2220001-A13-25S | 5Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 15 | LTU -22 -PIPING | 1-1/2-CPL-2221001 | 1-1/2-CPL-2221001-A13-25S | 5Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 16 | LTU -22 -PIPING | 1-1/2-CPL-2222001 | 1-1/2-CPL-2222001-A13-25S | 5Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 17 | LTU -22 -PIPING | 1-1/2-CFM-2214001 | 1-1/2-CFM-2214001-A24T-25S | 5Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 18 | LTU -23 -PIPING | 1-1/2-CFM-2301001 | 1-1/2-CFM-2301001-A24T-25S | 5Y | | | | | | | | | I | | | | IRI | IRI-INLB |
| 19 | LTU -23 -PIPING | 1-1/2-CFM-2311001 | 1-1/2-CFM-2311001-A24TV-25S | 5Y | | | | | | | | | | I | | | IRI | IRI-INLB |
| 20 | LTU -23 -PIPING | 1-1/2-CFM-2313001 | 1-1/2-CFM-2313001-A24T-25S | 5Y | | | | | | | | | I | | | | IRI | IRI-INLB |
| 21 | LTU -23 -PIPING | 1-1/2-CFM-2314001 | 1-1/2-CFM-2314001-A24T-25S | 5Y | | | | | | | | | | I | | | IRI | IRI-INLB |
| 22 | LTU -23 -PIPING | 1-1/2-CFM-2318001 | 1-1/2-CFM-2318001-A24T-25S | 5Y | | | | | | | | | I | | | | IRI | IRI-INLB |
| 23 | LTU -22 -PIPING | 1-1/2-FA-2206001 | 1-1/2-FA-2206001-A15 | 5Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 24 | LTU -22 -PIPING | 1-1/2-FA-2206002 | 1-1/2-FA-2206002-A15 | 5Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 25 | LTU -22 -PIPING | 1-1/2-FA-2209001 | 1-1/2-FA-2209001-A15 | 5Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 26 | LTU -22 -PIPING | 1-1/2-FA-2212002 | 1-1/2-FA-2212002-A15 | 5Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 27 | LTU -22 -PIPING | 1-1/2-FA-2212004 | 1-1/2-FA-2212004-A15 | 5Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 28 | LTU -22 -PIPING | 1-1/2-FA-2216005 | 1-1/2-FA-2216005-A15 | 5Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 29 | LTU -22 -PIPING | 1-1/2-FA-2216006 | 1-1/2-FA-2216006-A15 | 5Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 30 | LTU -22 -PIPING | 1-1/2-FA-2227100 | 1-1/2-FA-2227100-A15 | 5Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 31 | LTU -22 -PIPING | 1-1/2-FA-2227101 | 1-1/2-FA-2227101-A15 | 5Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 32 | LTU -22 -PIPING | 1-1/2-FG-2212004 | 1-1/2-FG-2212004-A15 | 5Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 33 | LTU -22 -PIPING | 1-1/2-FG-2227100 | 1-1/2-FG-2227100-A15-30D | 5Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 34 | LTU -22 -PIPING | 1-1/2-NL-2210009 | 1-1/2-NL-2210009-A15R | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|-----------------|-------------------|------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 35 | LTU -22 -PIPING | 1-1/2-NL-2210010 | 1-1/2-NL-2210010-A15R | 10Y | | | | | | | | I | | | | | IRI | IRI-INLB |
| 36 | LTU -22 -PIPING | 1-1/2-NL-2216002 | 1-1/2-NL-2216002-A15 | 10Y | | | | | | | | I | | | | | IRI | IRI-INLB |
| 37 | LTU -22 -PIPING | 1-1/2-NL-2275002 | 1-1/2-NL-2275002-A15 | 10Y | | | | | | | | I | | | | | IRI | IRI-INLB |
| 38 | LTU -22 -PIPING | 1-1/2-NL-2275003 | 1-1/2-NL-2275003-A15 | 10Y | | | | | | | | I | | | | | IRI | IRI-INLB |
| 39 | LTU -22 -PIPING | 1-1/2-NL-2275005 | 1-1/2-NL-2275005-A15 | 10Y | | | | | | | | I | | | | | IRI | IRI-INLB |
| 40 | LTU -22 -PIPING | 1-1/2-NL-2275006 | 1-1/2-NL-2275006-A16R | 10Y | | | | | | | | I | | | | | IRI | IRI-INLB |
| 41 | LTU -22 -PIPING | 1-1/2-NL-2275010 | 1-1/2-NL-2275010-A15 | 10Y | | | | | | | | I | | | | | IRI | IRI-INLB |
| 42 | LTU -22 -PIPING | 1-1/2-NL-2275013 | 1-1/2-NL-2275013-A15 | 10Y | | | | | | | | I | | | | | IRI | IRI-INLB |
| 43 | LTU -23 -PIPING | 1-1/2-NL-2375003 | 1-1/2-NL-2375003-B11R | 10Y | | | | | | | | | | I | | | IRI | IRI-INLB |
| 44 | LTU -23 -PIPING | 1-1/2-NL-2375004 | 1-1/2-NL-2375004-A15 | 10Y | | | | | | | | | | I | | | IRI | IRI-INLB |
| 45 | LTU -23 -PIPING | 1-1/2-NL-23750043 | 1-1/2-NL-23750043-A15 | 10Y | | | | | | | | | | | I | | IRI | IRI-INLB |
| 46 | LTU -22 -PIPING | 1-AII-2275100 | 1-AII-2275100-D11 | 10Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 47 | LTU -22 -PIPING | 1-AII-2275101 | 1-AII-2275101-D11 | 10Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 48 | LTU -23 -PIPING | 1-AII-2375004 | 1-AII-2375004-D11 | 10Y | | | | | | | | | I | | | | IRI | IRI-INLB |
| 49 | LTU -23 -PIPING | 1-AII-2375100 | 1-AII-2375100-D11 | 10Y | | | | | | | | | I | | | | IRI | IRI-INLB |
| 50 | LTU -22 -PIPING | 1-CPL-2212052 | 1-CPL-2212052-A13-25S | 5Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 51 | LTU -22 -PIPING | 1-CPL-2218001 | 1-CPL-2218001-A13-25S | 5Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 52 | LTU -22 -PIPING | 1-CPL-2271005 | 1-CPL-2271005-A13-25S | 5Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 53 | LTU -23 -PIPING | 1-CPL-2316001 | 1-CPL-2316001-A13 | 10Y | | | | | | | | | | I | | | IRI | IRI-INLB |
| 54 | LTU -23 -PIPING | 1-CPL-2316002 | 1-CPL-2316002-A13 | 10Y | | | | | | | | | | I | | | IRI | IRI-INLB |
| 55 | LTU -23 -PIPING | 1-CPL-2316006 | 1-CPL-2316006-A13-25S | 5Y | | | | | | | | | | I | | | IRI | IRI-INLB |
| 56 | LTU -23 -PIPING | 1-CPL-2317001 | 1-CPL-2317001-A13-25S | 5Y | | | | | | | | | | I | | | IRI | IRI-INLB |
| 57 | LTU -23 -PIPING | 1-CPL-2319001 | 1-CPL-2319001-A13-25S | 5Y | | | | | | | | | | I | | | IRI | IRI-INLB |
| 58 | LTU -23 -PIPING | 1-CPL-2319002 | 1-CPL-2319002-A13-25S | 5Y | | | | | | | | | | I | | | IRI | IRI-INLB |
| 59 | LTU -23 -PIPING | 1-CPL-2319003 | 1-CPL-2319003-A13-25S | 5Y | | | | | | | | | | I | | | IRI | IRI-INLB |
| 60 | LTU -23 -PIPING | 1-CPL-2319004 | 1-CPL-2319004-A13-25S | 5Y | | | | | | | | | | I | | | IRI | IRI-INLB |
| 61 | LTU -23 -PIPING | 1-CPL-2322001 | 1-CPL-2322001-A13-25S | 5Y | | | | | | | | | | I | | | IRI | IRI-INLB |
| 62 | LTU -23 -PIPING | 1-CPL-2322002 | 1-CPL-2322002-A13-25S | 5Y | | | | | | | | | | I | | | IRI | IRI-INLB |
| 63 | LTU -23 -PIPING | 1-CPL-2371003 | 1-CPL-2371003-A13-25S | 5Y | | | | | | | | | | I | | | IRI | IRI-INLB |
| 64 | LTU -22 -PIPING | 1-CFM-2271001 | 1-CFM-2271001-A24T-25S | 5Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 65 | LTU -22 -PIPING | 1-CFM-2271002 | 1-CFM-2271002-A23-50W | 5Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 66 | LTU -23 -PIPING | 1-CFM-2310002 | 1-CFM-2310002-A24T-25S | 5Y | | | | | | | | | | I | | | IRI | IRI-INLB |
| 67 | LTU -23 -PIPING | 1-CFM-2316001 | 1-CFM-2316001-A24T-25S | 5Y | | | | | | | | | | I | | | IRI | IRI-INLB |
| 68 | LTU -23 -PIPING | 1-CFM-2321002 | 1-CFM-2321002-A24T-25S | 5Y | | | | | | | | | | I | | | IRI | IRI-INLB |

PREVENTIVE MAINTENANCE YEARLY SCHEDULE
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S = Service T = Stand by condition check U = Running condition check V = Verify

| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|-----------------|-----------------|-------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 69 | LTU -23 -PIPING | 1-CFM-2371003 | 1-CFM-2371003-A23-25S | 5Y | | | | | | | | | | | I | | IRI | IRI - INLB |
| 70 | LTU -23 -PIPING | 1-FA-2212001 | 1-FA-2212001-B21R | 5Y | | | | | | | | | | | I | | IRI | IRI - INLB |
| 71 | LTU -22 -PIPING | 1-FA-2216008 | 1-FA-2216008-A15 | 5Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 72 | LTU -22 -PIPING | 1-FA-2216010 | 1-FA-2216010-A15 | 5Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 73 | LTU -22 -PIPING | 1-FA-2216012 | 1-FA-2216012-A15 | 5Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 74 | LTU -22 -PIPING | 1-FA-2216014 | 1-FA-2216014-A15 | 5Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 75 | LTU -22 -PIPING | 1-FA-2216015 | 1-FA-2216015-A15 | 5Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 76 | LTU -22 -PIPING | 1-FA-2216016 | 1-FA-2216016-A15 | 5Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 77 | LTU -22 -PIPING | 1-GV-2206001 | 1-GV-2206001-A15R | 5Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 78 | LTU -23 -PIPING | 1-GV-2316002 | 1-GV-2316002-A23 | 5Y | | | | | | | | | | | I | | IRI | IRI - INLB |
| 79 | LTU -23 -PIPING | 1-GV-2316005 | 1-GV-2316005-A23 | 5Y | | | | | | | | | | | I | | IRI | IRI - INLB |
| 80 | LTU -22 -PIPING | 1-NL-2275019 | 1-NL-2275019-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 81 | LTU -22 -PIPING | 1-NL-2275020 | 1-NL-2275020-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 82 | LTU -22 -PIPING | 1-NL-2275021 | 1-NL-2275021-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 83 | LTU -22 -PIPING | 1-NL-2275025 | 1-NL-2275025-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 84 | LTU -23 -PIPING | 1-NL-2375002 | 1-NL-2375002-A15 | 10Y | | | | | | | I | | | | I | | IRI | IRI - INLB |
| 85 | LTU -23 -PIPING | 1-NL-2375006 | 1-NL-2375006-A15 | 10Y | | | | | | | | | | | I | | IRI | IRI - INLB |
| 86 | LTU -22 -PIPING | 1-NMP-2222010 | 1-NMP-2222010-A15-25S | 5Y | | | | | | | | I | | | | | IRI | IRI - INLB |
| 87 | LTU -22 -PIPING | 1-SHO-2222004 | 1-SHO-2222004-A15B | 5Y | | | | | | | | I | | | | | IRI | IRI - INLB |
| 88 | LTU -22 -PIPING | 1-TPS-2216002 | 1-TPS-2216002-A15-30W | 5Y | | | | | | | | I | | | | | IRI | IRI - INLB |
| 89 | LTU -22 -PIPING | 1/2-A11-2216001 | 1/2-A11-2216001-D11 | 10Y | | | | | | I | | | | | | | IRI | IRI - INLB |
| 90 | LTU -22 -PIPING | 1/2-A11-2216002 | 1/2-A11-2216002-D11 | 10Y | | | | | | I | | | | | | | IRI | IRI - INLB |
| 91 | LTU -22 -PIPING | 1/2-A11-2218001 | 1/2-A11-2218001-D11 | 10Y | | | | | | I | | | | | | | IRI | IRI - INLB |
| 92 | LTU -22 -PIPING | 1/2-A11-2218002 | 1/2-A11-2218002-D11 | 10Y | | | | | | I | | | | | | | IRI | IRI - INLB |
| 93 | LTU -22 -PIPING | 1/2-A11-2275003 | 1/2-A11-2275003-D11 | 10Y | | | | | | I | | | | | | | IRI | IRI - INLB |
| 94 | LTU -22 -PIPING | 1/2-A11-2275051 | 1/2-A11-2275051-D11 | 10Y | | | | | | I | | | | | | | IRI | IRI - INLB |
| 95 | LTU -23 -PIPING | 1/2-A11-2375007 | 1/2-A11-2375007-D11 | 10Y | | | | | | | | I | | | | | IRI | IRI - INLB |
| 96 | LTU -22 -PIPING | 1/2-CPL-2207001 | 1/2-CPL-2207001-A13-25S | 5Y | | | | | | I | | | | | | | IRI | IRI - INLB |
| 97 | LTU -22 -PIPING | 1/2-CPL-2213001 | 1/2-CPL-2213001-A13-25S | 5Y | | | | | | I | | | | | | | IRI | IRI - INLB |
| 98 | LTU -22 -PIPING | 1/2-CPL-2217001 | 1/2-CPL-2217001-A13-25S | 5Y | | | | | | I | | | | | | | IRI | IRI - INLB |
| 99 | LTU -23 -PIPING | 1/2-CPL-2313001 | 1/2-CPL-2313001-A13-25S | 5Y | | | | | | | | | I | | | | IRI | IRI - INLB |
| 100 | LTU -23 -PIPING | 1/2-CPL-2314001 | 1/2-CPL-2314001-A13-25S | 5Y | | | | | | | | | I | | | | IRI | IRI - INLB |
| 101 | LTU -22 -PIPING | 1/2-FA-2216007 | 1/2-FA-2216007-A15 | 5Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 102 | LTU -22 -PIPING | 1/2-FA-2216011 | 1/2-FA-2216011-A15 | 5Y | | | | | | | I | | | | | | IRI | IRI - INLB |

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|-----------------|----------------|--------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 103 | LTU -22 -PIPING | 1/2-NL-2216001 | 1/2-NL-2216001-A15 | 10Y | | | | | | | | I | | | | | IRI | IRI - INLB |
| 104 | LTU -22 -PIPING | 1/2-NL-2218001 | 1/2-NL-2218001-A15 | 10Y | | | | | | | | I | | | | | IRI | IRI - INLB |
| 105 | LTU -22 -PIPING | 1/2-NL-2218002 | 1/2-NL-2218002-A15 | 10Y | | | | | | | | I | | | | | IRI | IRI - INLB |
| 106 | LTU -22 -PIPING | 1/2-NL-2275022 | 1/2-NL-2275022-A15 | 10Y | | | | | | | | I | | | | | IRI | IRI - INLB |
| 107 | LTU -22 -PIPING | 1/2-NL-2275023 | 1/2-NL-2275023-A15 | 10Y | | | | | | | | I | | | | | IRI | IRI - INLB |
| 108 | LTU -23 -PIPING | 1/2-NL-2375007 | 1/2-NL-2375007-A15 | 10Y | | | | | | | | | | I | | | IRI | IRI - INLB |
| 109 | LTU -23 -PIPING | 1/2-NL-2375008 | 1/2-NL-2375008-A15 | 10Y | | | | | | | | | | | I | | IRI | IRI - INLB |
| 110 | LTU -23 -PIPING | 1/2-NL-2375009 | 1/2-NL-2375009-A15 | 10Y | | | | | | | | | | | I | | IRI | IRI - INLB |
| 111 | LTU -23 -PIPING | 1/2-NL-2375010 | 1/2-NL-2375010-A15 | 10Y | | | | | | | | | | | I | | IRI | IRI - INLB |
| 112 | LTU -23 -PIPING | 10-GV-2319051 | 10-GV-2319051-A13 | 5Y | | | | | | | | | | | I | | IRI | IRI - INLB |
| 113 | LTU -22 -PIPING | 10-NMP-2204004 | 10-NMP-2204004-A15R-25S | 1Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 114 | LTU -22 -PIPING | 10-TPR-2221001 | 10-TPR-2221001-A15-25S | 5Y | | | | | | | | I | | | | | IRI | IRI - INLB |
| 115 | LTU -22 -PIPING | 10-TPS-2221002 | 10-TPS-2221002-A15-25S | 5Y | | | | | | | | I | | | | | IRI | IRI - INLB |
| 116 | LTU -22 -PIPING | 10-TPS-2221003 | 10-TPS-2221003-A15-30W | 5Y | | | | | | | | I | | | | | IRI | IRI - INLB |
| 117 | LTU -22 -PIPING | 12-NMP-2202001 | 12-NMP-2202001-A15R-25S | 1Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 118 | LTU -22 -PIPING | 12-NMP-2204101 | 12-NMP-2204101-A16R-100W | 1Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 119 | LTU -22 -PIPING | 12-NMP-2204103 | 12-NMP-2204103-A16R-100W | 1Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 120 | LTU -22 -PIPING | 12-P-2205003 | 12-P-2205003-A15R-30S | 5Y | | | | | | | | I | | | | | IRI | IRI - INLB |
| 121 | LTU -22 -PIPING | 12-TPS-2221001 | 12-TPS-2221001-A15-25S | 5Y | | | | | | | | I | | | | | IRI | IRI - INLB |
| 122 | LTU -22 -PIPING | 14-FA-2281001 | 14-FA-2281001-A15 | 5Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 123 | LTU -23 -PIPING | 14-FA-2381004 | 14-FA-2381004-B11R | 5Y | | | | | | | | | | | I | | IRI | IRI - INLB |
| 124 | LTU -22 -PIPING | 16-NMP-2204001 | 16-NMP-2204001-A16R-100W | 1Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 125 | LTU -22 -PIPING | 16-NMP-2204005 | 16-NMP-2204005-A16R-100W | 1Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 126 | LTU -22 -PIPING | 18-P-2205002 | 18-P-2205002-A15R-30S | 5Y | | | | | | | | I | | | | | IRI | IRI - INLB |
| 127 | LTU -23 -PIPING | 2-AIP-2385001 | 2-AIP-2385001-A11 | 10Y | | | | | | | | | I | | | | IRI | IRI - INLB |
| 128 | LTU -23 -PIPING | 2-AIP-2385002 | 2-AIP-2385002-A11 | 10Y | | | | | | | | | I | | | | IRI | IRI - INLB |
| 129 | LTU -23 -PIPING | 2-AIP-2385003 | 2-AIP-2385003-A11 | 10Y | | | | | | | | | I | | | | IRI | IRI - INLB |
| 130 | LTU -22 -PIPING | 2-CPL-2212051 | 2-CPL-2212051-A13-25S | 5Y | | | | | | I | | | | | | | IRI | IRI - INLB |
| 131 | LTU -22 -PIPING | 2-CPL-2371100 | 2-CPL-2371100-A13-25S | 5Y | | | | | | I | | | | | | | IRI | IRI - INLB |
| 132 | LTU -22 -PIPING | 2-CPL-2371101 | 2-CPL-2371101-A13-25S | 5Y | | | | | | I | | | | | | | IRI | IRI - INLB |
| 133 | LTU -22 -PIPING | 2-CPL-2371102 | 2-CPL-2371102-A13-25S | 5Y | | | | | | I | | | | | | | IRI | IRI - INLB |
| 134 | LTU -22 -PIPING | 2-CFM-2223001 | 2-CFM-2223001-A24T | 10Y | | | | | | I | | | | | | | IRI | IRI - INLB |
| 135 | LTU -23 -PIPING | 2-CFM-2312001 | 2-CFM-2312001-A24T-25S | 5Y | | | | | | | | | | I | | | IRI | IRI - INLB |
| 136 | LTU -23 -PIPING | 2-CFM-2321001 | 2-CFM-2321001-A24T-25S | 5Y | | | | | | | | | | I | | | IRI | IRI - INLB |

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|-----------------|-----------------|------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 137 | LTU -23 -PIPING | 2-CFM-2371002 | 2-CFM-2371002-A24T-25S | 5Y | | | | | | | | | | | I | | IRI | IRI-INLB |
| 138 | LTU -22 -PIPING | 2-FA-2212052 | 2-FA-2212052-A15 | 5Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 139 | LTU -22 -PIPING | 2-GV-2316003 | 2-GV-2316003-A23 | 5Y | | | | | | | | | | | I | | IRI | IRI-INLB |
| 140 | LTU -23 -PIPING | 2-GV-2316007 | 2-GV-2316007-A13 | 5Y | | | | | | | | | | | I | | IRI | IRI-INLB |
| 141 | LTU -22 -PIPING | 2-MX-2218003 | 2-MX-2218003-A15 | 5Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 142 | LTU -22 -PIPING | 2-MX-2218004 | 2-MX-2218004-A15R | 5Y | | | | | | | | | | | | | IRI | IRI-INLB |
| 143 | LTU -22 -PIPING | 2-NL-2275012 | 2-NL-2275012-A15 | 10Y | | | | | | | | I | | | | | IRI | IRI-INLB |
| 144 | LTU -22 -PIPING | 2-NL-2275014 | 2-NL-2275014-A15 | 10Y | | | | | | | | I | | | | | IRI | IRI-INLB |
| 145 | LTU -22 -PIPING | 2-NL-2275015 | 2-NL-2275015-A15 | 10Y | | | | | | | | I | | | | | IRI | IRI-INLB |
| 146 | LTU -23 -PIPING | 24-FA-2321001 | 24-FA-2321001-B11R | 5Y | | | | | | | | | | | I | | IRI | IRI-INLB |
| 147 | LTU -22 -PIPING | 3-AIP-2275002 | 3-AIP-2275002-A11 | 10Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 148 | LTU -23 -PIPING | 3-CPL-2371002 | 3-CPL-2371002-A13-25S | 5Y | | | | | | | | | | I | | | IRI | IRI-INLB |
| 149 | LTU -22 -PIPING | 3-FA-2212003 | 3-FA-2212003-A15 | 5Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 150 | LTU -22 -PIPING | 3-FA-2217004 | 3-FA-2217004-A15 | 5Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 151 | LTU -22 -PIPING | 3-FA-2318003 | 3-FA-2318003-A15 | 5Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 152 | LTU -22 -PIPING | 3-FG-2212100 | 3-FG-2212100-A15-30D | 5Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 153 | LTU -22 -PIPING | 3-FG-2227101 | 3-FG-2227101-A15-30D | 5Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 154 | LTU -22 -PIPING | 3-GV-2204001 | 3-GV-2204001-A13 | 5Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 155 | LTU -22 -PIPING | 3-QW-2218004 | 3-QW-2218004-A15R | 1Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 156 | LTU -22 -PIPING | 3-NL-2275017 | 3-NL-2275017-A15 | 10Y | | | | | | | | I | | | | | IRI | IRI-INLB |
| 157 | LTU -22 -PIPING | 3-NL-2275018 | 3-NL-2275018-A15 | 10Y | | | | | | | | I | | | | | IRI | IRI-INLB |
| 158 | LTU -22 -PIPING | 3-NMP-2222003 | 3-NMP-2222003-A15 | 5Y | | | | | | | | I | | | | | IRI | IRI-INLB |
| 159 | LTU -22 -PIPING | 3-NMP-2222007 | 3-NMP-2222007-A15 | 5Y | | | | | | | | | I | | | | IRI | IRI-INLB |
| 160 | LTU -22 -PIPING | 3-NMP-2222052 | 3-NMP-2222052-A15-25S | 5Y | | | | | | | | | I | | | | IRI | IRI-INLB |
| 161 | LTU -22 -PIPING | 3-SHO-2222006 | 3-SHO-2222006-A15B | 5Y | | | | | | | | | I | | | | IRI | IRI-INLB |
| 162 | LTU -22 -PIPING | 3-SHO-2222007 | 3-SHO-2222007-A15B | 5Y | | | | | | | | | I | | | | IRI | IRI-INLB |
| 163 | LTU -22 -PIPING | 3-SHO-2222008 | 3-SHO-2222008-A15 | 5Y | | | | | | | | | I | | | | IRI | IRI-INLB |
| 164 | LTU -22 -PIPING | 3-SHO-2222009 | 3-SHO-2222009-A15 | 5Y | | | | | | | | | I | | | | IRI | IRI-INLB |
| 165 | LTU -22 -PIPING | 3-SHO-2222010 | 3-SHO-2222010-A15B | 5Y | | | | | | | | | I | | | | IRI | IRI-INLB |
| 166 | LTU -22 -PIPING | 3-SHO-2222011 | 3-SHO-2222011-A15B | 5Y | | | | | | | | | I | | | | IRI | IRI-INLB |
| 167 | LTU -23 -PIPING | 3/4-A11-2375005 | 3/4-A11-2375005-D11 | 10Y | | | | | | | | | I | | | | IRI | IRI-INLB |
| 168 | LTU -22 -PIPING | 3/4-AIP-2285003 | 3/4-AIP-2285003-A11 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 169 | LTU -22 -PIPING | 3/4-AIP-2285004 | 3/4-AIP-2285004-A11 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 170 | LTU -22 -PIPING | 3/4-AIP-2285005 | 3/4-AIP-2285005-A11 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |

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S = Service T = Stand by condition check U = Running condition check V = Verify

| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|-----------------|-----------------|-----------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 171 | LTU -22 -PIPING | 3/4-AIP-2285006 | 3/4-AIP-2285006-A11 | 10Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 172 | LTU -22 -PIPING | 3/4-AIP-2285007 | 3/4-AIP-2285007-A11 | 10Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 173 | LTU -22 -PIPING | 3/4-AIP-2285008 | 3/4-AIP-2285008-A11 | 10Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 174 | LTU -22 -PIPING | 3/4-AIP-2285009 | 3/4-AIP-2285009-A11 | 10Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 175 | LTU -22 -PIPING | 3/4-AIP-2285010 | 3/4-AIP-2285010-A11 | 10Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 176 | LTU -22 -PIPING | 3/4-AIP-2285011 | 3/4-AIP-2285011-A11 | 10Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 177 | LTU -22 -PIPING | 3/4-AIP-2285012 | 3/4-AIP-2285012-A11 | 10Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 178 | LTU -22 -PIPING | 3/4-AIP-2285013 | 3/4-AIP-2285013-A11 | 10Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 179 | LTU -22 -PIPING | 3/4-AIP-2285014 | 3/4-AIP-2285014-A11 | 10Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 180 | LTU -22 -PIPING | 3/4-AIP-2285015 | 3/4-AIP-2285015-A11 | 10Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 181 | LTU -22 -PIPING | 3/4-AIP-2285016 | 3/4-AIP-2285016-A11 | 10Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 182 | LTU -22 -PIPING | 3/4-AIP-2285017 | 3/4-AIP-2285017-A11 | 10Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 183 | LTU -22 -PIPING | 3/4-AIP-2285018 | 3/4-AIP-2285018-A11 | 10Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 184 | LTU -22 -PIPING | 3/4-AIP-2285019 | 3/4-AIP-2285019-A11 | 10Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 185 | LTU -22 -PIPING | 3/4-AIP-2285020 | 3/4-AIP-2285020-A11 | 10Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 186 | LTU -22 -PIPING | 3/4-AIP-2285021 | 3/4-AIP-2285021-A11 | 10Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 187 | LTU -22 -PIPING | 3/4-AIP-2285022 | 3/4-AIP-2285022-A11 | 10Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 188 | LTU -22 -PIPING | 3/4-AIP-2285023 | 3/4-AIP-2285023-A11 | 10Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 189 | LTU -22 -PIPING | 3/4-AIP-2285024 | 3/4-AIP-2285024-A11 | 10Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 190 | LTU -22 -PIPING | 3/4-AIP-2285025 | 3/4-AIP-2285025-A11 | 10Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 191 | LTU -22 -PIPING | 3/4-AIP-2285026 | 3/4-AIP-2285026-A11 | 10Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 192 | LTU -22 -PIPING | 3/4-AIP-2285051 | 3/4-AIP-2285051-A11 | 10Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 193 | LTU -22 -PIPING | 3/4-AIP-2285052 | 3/4-AIP-2285052-A11 | 10Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 194 | LTU -23 -PIPING | 3/4-AIP-2385004 | 3/4-AIP-2385004-A11 | 10Y | | | | | | | | | I | | | | IRI | IRI-INLB |
| 195 | LTU -23 -PIPING | 3/4-AIP-2385005 | 3/4-AIP-2385005-A11 | 10Y | | | | | | | | | I | | | | IRI | IRI-INLB |
| 196 | LTU -23 -PIPING | 3/4-AIP-2385006 | 3/4-AIP-2385006-A11 | 10Y | | | | | | | | | I | | | | IRI | IRI-INLB |
| 197 | LTU -23 -PIPING | 3/4-AIP-2385007 | 3/4-AIP-2385007-A11 | 10Y | | | | | | | | | I | | | | IRI | IRI-INLB |
| 198 | LTU -23 -PIPING | 3/4-AIP-2385008 | 3/4-AIP-2385008-A11 | 10Y | | | | | | | | | I | | | | IRI | IRI-INLB |
| 199 | LTU -23 -PIPING | 3/4-AIP-2385009 | 3/4-AIP-2385009-A11 | 10Y | | | | | | | | | I | | | | IRI | IRI-INLB |
| 200 | LTU -23 -PIPING | 3/4-AIP-2385010 | 3/4-AIP-2385010-A11 | 10Y | | | | | | | | | I | | | | IRI | IRI-INLB |
| 201 | LTU -23 -PIPING | 3/4-AIP-2385011 | 3/4-AIP-2385011-A11 | 10Y | | | | | | | | | I | | | | IRI | IRI-INLB |
| 202 | LTU -23 -PIPING | 3/4-AIP-2385012 | 3/4-AIP-2385012-A11 | 10Y | | | | | | | | | I | | | | IRI | IRI-INLB |
| 203 | LTU -23 -PIPING | 3/4-AIP-2385013 | 3/4-AIP-2385013-A11 | 10Y | | | | | | | | | I | | | | IRI | IRI-INLB |
| 204 | LTU -23 -PIPING | 3/4-AIP-2385014 | 3/4-AIP-2385014-A11 | 10Y | | | | | | | | | I | | | | IRI | IRI-INLB |

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S = Service T = Stand by condition check U = Running condition check V = Verify

| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|-----------------|------------------|--------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 205 | LTU -23 -PIPING | 3/4-AIP-2385015 | 3/4-AIP-2385015-A11 | 10Y | | | | | | | | | | I | | | IRI | IRI-INLB |
| 206 | LTU -23 -PIPING | 3/4-AIP-2385016 | 3/4-AIP-2385016-A11 | 10Y | | | | | | | | | | I | | | IRI | IRI-INLB |
| 207 | LTU -23 -PIPING | 3/4-AIP-2385017 | 3/4-AIP-2385017-A11 | 10Y | | | | | | | | | | I | | | IRI | IRI-INLB |
| 208 | LTU -23 -PIPING | 3/4-AIP-2385018 | 3/4-AIP-2385018-A11 | 10Y | | | | | | | | | | I | | | IRI | IRI-INLB |
| 209 | LTU -23 -PIPING | 3/4-AIP-2385019 | 3/4-AIP-2385019-A11 | 10Y | | | | | | | | | | I | | | IRI | IRI-INLB |
| 210 | LTU -22 -PIPING | 3/4-AIP-2385020 | 3/4-AIP-2385020-A11 | 10Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 211 | LTU -23 -PIPING | 3/4-AIP-2385022 | 3/4-AIP-2385022-A11 | 10Y | | | | | | | | | | I | | | IRI | IRI-INLB |
| 212 | LTU -23 -PIPING | 3/4-AIP-2385023 | 3/4-AIP-2385023-A11 | 10Y | | | | | | | | | | I | | | IRI | IRI-INLB |
| 213 | LTU -23 -PIPING | 3/4-AIP-2385024 | 3/4-AIP-2385024-A11 | 10Y | | | | | | | | | | I | | | IRI | IRI-INLB |
| 214 | LTU -23 -PIPING | 3/4-AIP-2385025 | 3/4-AIP-2385025-A11 | 10Y | | | | | | | | | | I | | | IRI | IRI-INLB |
| 215 | LTU -23 -PIPING | 3/4-AIP-2385026 | 3/4-AIP-2385026-A11 | 10Y | | | | | | | | | | I | | | IRI | IRI-INLB |
| 216 | LTU -23 -PIPING | 3/4-AIP-2385027 | 3/4-AIP-2385027-A11 | 10Y | | | | | | | | | | I | | | IRI | IRI-INLB |
| 217 | LTU -23 -PIPING | 3/4-AIP-2385028 | 3/4-AIP-2385028-A11 | 10Y | | | | | | | | | | I | | | IRI | IRI-INLB |
| 218 | LTU -23 -PIPING | 3/4-AIP-2385029 | 3/4-AIP-2385029-A11 | 10Y | | | | | | | | | | I | | | IRI | IRI-INLB |
| 219 | LTU -23 -PIPING | 3/4-AIP-2385051 | 3/4-AIP-2385051-A11 | 10Y | | | | | | | | | | I | | | IRI | IRI-INLB |
| 220 | LTU -23 -PIPING | 3/4-AIP-23885021 | 3/4-AIP-23885021-A11 | 10Y | | | | | | | | | | I | | | IRI | IRI-INLB |
| 221 | LTU -23 -PIPING | 3/4-CPL-2316002 | 3/4-CPL-2316002-A13-25S | 5Y | | | | | | | | | | I | | | IRI | IRI-INLB |
| 222 | LTU -23 -PIPING | 3/4-CPL-2316003 | 3/4-CPL-2316003-A13-25S | 5Y | | | | | | | | | | I | | | IRI | IRI-INLB |
| 223 | LTU -22 -PIPING | 3/4-CPL-2202001 | 3/4-CPL-2202001-25S | 5Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 224 | LTU -22 -PIPING | 3/4-CPL-2271001 | 3/4-CPL-2271001-A13-25S | 5Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 225 | LTU -22 -PIPING | 3/4-CPL-2271002 | 3/4-CPL-2271002-A13-25S | 5Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 226 | LTU -22 -PIPING | 3/4-CPL-2271006 | 3/4-CPL-2271006-A13-25S | 5Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 227 | LTU -23 -PIPING | 3/4-CPL-2316004 | 3/4-CPL-2316004-A13-25S | 5Y | | | | | | | | | | I | | | IRI | IRI-INLB |
| 228 | LTU -23 -PIPING | 3/4-CPL-2316005 | 3/4-CPL-2316005-A13-25S | 5Y | | | | | | | | | | I | | | IRI | IRI-INLB |
| 229 | LTU -22 -PIPING | 3/4-CFM-2202001 | 3/4-CFM-2202001-25S | 5Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 230 | LTU -22 -PIPING | 3/4-CFM-2205001 | 3/4-CFM-2205001-A24T-25S | 5Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 231 | LTU -22 -PIPING | 3/4-CFM-2205011 | 3/4-CFM-2205011-A23-25S | 5Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 232 | LTU -22 -PIPING | 3/4-CFM-2221001 | 3/4-CFM-2221001-A23-25S | 5Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 233 | LTU -22 -PIPING | 3/4-CFM-2271006 | 3/4-CFM-2271006-A23-25S | 5Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 234 | LTU -23 -PIPING | 3/4-CFM-2301002 | 3/4-CFM-2301002-A24T-25S | 5Y | | | | | | | | | | I | | | IRI | IRI-INLB |
| 235 | LTU -23 -PIPING | 3/4-CFM-2311002 | 3/4-CFM-2311002-A23-50W | 5Y | | | | | | | | | | I | | | IRI | IRI-INLB |
| 236 | LTU -23 -PIPING | 3/4-CFM-2313002 | 3/4-CFM-2313002-A23-25S | 5Y | | | | | | | | | | I | | | IRI | IRI-INLB |
| 237 | LTU -23 -PIPING | 3/4-CFM-2314002 | 3/4-CFM-2314002-A23-25S | 5Y | | | | | | | | | | I | | | IRI | IRI-INLB |
| 238 | LTU -22 -PIPING | 3/4-FA-2202001 | 3/4-FA-2202001-A15 | 5Y | | | | | | | I | | | | | | IRI | IRI-INLB |

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S = Service T = Stand by condition check U = Running condition check V = Verify

| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|-----------------|----------------|-----------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 239 | LTU -22 -PIPING | 3/4-FA-2210001 | 3/4-FA-2210001-A15 | 5Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 240 | LTU -22 -PIPING | 3/4-FA-2210002 | 3/4-FA-2210002-A15 | 5Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 241 | LTU -22 -PIPING | 3/4-FA-2214001 | 3/4-FA-2214001-A15 | 5Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 242 | LTU -22 -PIPING | 3/4-FA-2222001 | 3/4-FA-2222001-A15 | 5Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 243 | LTU -22 -PIPING | 3/4-NL-2210007 | 3/4-NL-2210007-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 244 | LTU -22 -PIPING | 3/4-NL-2210008 | 3/4-NL-2210008-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 245 | LTU -22 -PIPING | 3/4-NL-2275007 | 3/4-NL-2275007-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 246 | LTU -22 -PIPING | 3/4-NL-2275008 | 3/4-NL-2275008-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 247 | LTU -22 -PIPING | 3/4-NL-2275024 | 3/4-NL-2275024-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 248 | LTU -22 -PIPING | 3/4-NL-2275100 | 3/4-NL-2275100-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 249 | LTU -22 -PIPING | 3/4-NL-2285003 | 3/4-NL-2285003-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 250 | LTU -22 -PIPING | 3/4-NL-2285004 | 3/4-NL-2285004-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 251 | LTU -22 -PIPING | 3/4-NL-2285005 | 3/4-NL-2285005-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 252 | LTU -22 -PIPING | 3/4-NL-2285006 | 3/4-NL-2285006-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 253 | LTU -22 -PIPING | 3/4-NL-2285007 | 3/4-NL-2285007-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 254 | LTU -22 -PIPING | 3/4-NL-2285008 | 3/4-NL-2285008-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 255 | LTU -22 -PIPING | 3/4-NL-2285009 | 3/4-NL-2285009-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 256 | LTU -22 -PIPING | 3/4-NL-2285010 | 3/4-NL-2285010-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 257 | LTU -22 -PIPING | 3/4-NL-2285011 | 3/4-NL-2285011-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 258 | LTU -22 -PIPING | 3/4-NL-2285012 | 3/4-NL-2285012-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 259 | LTU -22 -PIPING | 3/4-NL-2285013 | 3/4-NL-2285013-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 260 | LTU -22 -PIPING | 3/4-NL-2285014 | 3/4-NL-2285014-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 261 | LTU -22 -PIPING | 3/4-NL-2285015 | 3/4-NL-2285015-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 262 | LTU -22 -PIPING | 3/4-NL-2285016 | 3/4-NL-2285016-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 263 | LTU -22 -PIPING | 3/4-NL-2285017 | 3/4-NL-2285017-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 264 | LTU -22 -PIPING | 3/4-NL-2285018 | 3/4-NL-2285018-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 265 | LTU -22 -PIPING | 3/4-NL-2285019 | 3/4-NL-2285019-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 266 | LTU -22 -PIPING | 3/4-NL-2285020 | 3/4-NL-2285020-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 267 | LTU -22 -PIPING | 3/4-NL-2285021 | 3/4-NL-2285021-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 268 | LTU -22 -PIPING | 3/4-NL-2285022 | 3/4-NL-2285022-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 269 | LTU -22 -PIPING | 3/4-NL-2285051 | 3/4-NL-2285051-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 270 | LTU -22 -PIPING | 3/4-NL-2285052 | 3/4-NL-2285052-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 271 | LTU -22 -PIPING | 3/4-NL-2285823 | 3/4-NL-2285823-A15 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 272 | LTU -23 -PIPING | 3/4-NL-2375005 | 3/4-NL-2375005-B11R | 10Y | | | | | | | | | | I | | | IRI | IRI-INLB |

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PLANT: LUBE YEAR: 2022

Form No.
Effective Date 29.12.2021
Revision 0

Legend Text : B = Program Back-up C = Calibrate F = Function Test H = Overhaul I = Inspect L = Lubricate M = Strategy Plan P = Preventive Q = Check oil quality
S = Service T = Stand by condition check U = Running condition check V = Verify

| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|-----------------|-----------------|-------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 273 | LTU -22 -PIPING | 3/4-MNP-2222051 | 3/4-MNP-2222051-A15-25S | 5Y | | | | | | | | | I | | | | IRI | IRI-INLB |
| 274 | LTU -22 -PIPING | 3/4-TPR-2210002 | 3/4-TPR-2210002-A15-25S | 5Y | | | | | | | | | I | | | | IRI | IRI-INLB |
| 275 | LTU -22 -PIPING | 3/4-TPS-2210001 | 3/4-TPS-2210001-A15-30W | 5Y | | | | | | | | | I | | | | IRI | IRI-INLB |
| 276 | LTU -22 -PIPING | 3/4-TPS-2210002 | 3/4-TPS-2210002-A15-30W | 5Y | | | | | | | | | I | | | | IRI | IRI-INLB |
| 277 | LTU -23 -PIPING | 4-AII-2375001 | 4-AII-2375001-D11 | 10Y | | | | | | | | | I | | | | IRI | IRI-INLB |
| 278 | LTU -23 -PIPING | 4-AIP-2375001 | 4-AIP-2375001-A11 | 10Y | | | | | | | | | I | | | | IRI | IRI-INLB |
| 279 | LTU -23 -PIPING | 4-CPL-2371001 | 4-CPL-2371001-A13-25S | 5Y | | | | | | | | | I | | | | IRI | IRI-INLB |
| 280 | LTU -22 -PIPING | 4-FA-2216001 | 4-FA-2216001-A15 | 5Y | | | | | | | | | | | | | IRI | IRI-INLB |
| 281 | LTU -22 -PIPING | 4-FA-2216002 | 4-FA-2216002-A15 | 5Y | | | | | | | | | | | | | IRI | IRI-INLB |
| 282 | LTU -22 -PIPING | 4-FA-2216003 | 4-FA-2216003-A15 | 5Y | | | | | | | | | | | | | IRI | IRI-INLB |
| 283 | LTU -22 -PIPING | 4-FA-2219051 | 4-FA-2219051-A15 | 5Y | | | | | | | | | | | | | IRI | IRI-INLB |
| 284 | LTU -23 -PIPING | 4-FA-2317002 | 4-FA-2317002-A15A | 5Y | | | | | | | | | | | I | | IRI | IRI-INLB |
| 285 | LTU -23 -PIPING | 4-FA-2320001 | 4-FA-2320001-A15A | 5Y | | | | | | | | | | | I | | IRI | IRI-INLB |
| 286 | LTU -22 -PIPING | 4-FG-2212051 | 4-FG-2212051-A15-30D | 5Y | | | | | | | | | | | | | IRI | IRI-INLB |
| 287 | LTU -22 -PIPING | 4-FG-2212052 | 4-FG-2212052-A15-30D | 5Y | | | | | | | | | | | | | IRI | IRI-INLB |
| 288 | LTU -23 -PIPING | 4-FG-2317051 | 4-FG-2317051-A15V-30D | 5Y | | | | | | | | | | | I | | IRI | IRI-INLB |
| 289 | LTU -22 -PIPING | 4-GV-2220002 | 4-GV-2220002-A15 | 5Y | | | | | | | | | | | | | IRI | IRI-INLB |
| 290 | LTU -22 -PIPING | 4-GV-22220001 | 4-GV-22220001-A15 | 5Y | | | | | | | | | | | | | IRI | IRI-INLB |
| 291 | LTU -23 -PIPING | 4-GV-2316004 | 4-GV-2316004-A13 | 5Y | | | | | | | | | | | I | | IRI | IRI-INLB |
| 292 | LTU -23 -PIPING | 4-GV-2317001 | 4-GV-2317001-A15 | 5Y | | | | | | | | | | | I | | IRI | IRI-INLB |
| 293 | LTU -23 -PIPING | 4-NL-2375001 | 4-NL-2375001-A15 | 10Y | | | | | | | | | | | I | | IRI | IRI-INLB |
| 294 | LTU -22 -PIPING | 4-MNP-2222004 | 4-MNP-2222004-A15 | 5Y | | | | | | | | | I | | | | IRI | IRI-INLB |
| 295 | LTU -22 -PIPING | 4-TPR-2229100 | 4-TPR-2229100-A15-25S | 5Y | | | | | | | | | I | | | | IRI | IRI-INLB |
| 296 | LTU -22 -PIPING | 4-TPS-2221100 | 4-TPS-2221100-A15-30W | 5Y | | | | | | | | | I | | | | IRI | IRI-INLB |
| 297 | LTU -23 -PIPING | 6-CFM-2310001 | 6-CFM-2310001-A24T-25S | 5Y | | | | | | | | | | I | | | IRI | IRI-INLB |
| 298 | LTU -23 -PIPING | 6-CFM-2371001 | 6-CFM-2371001-A24T-25S | 5Y | | | | | | | | | | | I | | IRI | IRI-INLB |
| 299 | LTU -22 -PIPING | 6-FG-2212003 | 6-FG-2212003-A15-30D | 5Y | | | | | | | | | | | | | IRI | IRI-INLB |
| 300 | LTU -22 -PIPING | 6-GV-2221001 | 6-GV-2221001-A15 | 5Y | | | | | | | | | | | | | IRI | IRI-INLB |
| 301 | LTU -23 -PIPING | 6-GV-2319001 | 6-GV-2319001-A13 | 5Y | | | | | | | | | | | I | | IRI | IRI-INLB |
| 302 | LTU -23 -PIPING | 6-GV-2319002 | 6-GV-2319002-A13 | 5Y | | | | | | | | | | | I | | IRI | IRI-INLB |
| 303 | LTU -22 -PIPING | 6-MX-2217003 | 6-MX-2217003-A24R-30D | 5Y | | | | | | | | | | | | | IRI | IRI-INLB |
| 304 | LTU -22 -PIPING | 6-MNP-2279002 | 6-MNP-2279002-A15 | 5Y | | | | | | | | | | | | | IRI | IRI-INLB |
| 305 | LTU -22 -PIPING | 6-RAFF-2217051 | 6-RAFF-2217051-A24R-30D | 5Y | | | | | | | | | | | | | IRI | IRI-INLB |
| 306 | LTU -22 -PIPING | 6-TPR-2221005 | 6-TPR-2221005-A15-W30 | 5Y | | | | | | | | | I | | | | IRI | IRI-INLB |

PREVENTIVE MAINTENANCE YEARLY SCHEDULE
PLANT: LUBE YEAR: 2022

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|-------------------|--------------------|--------------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 307 | LTU -22 -PIPING | 6-TPS-2221005 | 6-TPS-2221005-A15-W30 | 5Y | | | | | | | | | I | | | | IRI | IRI-INLB |
| 308 | LTU -22 -PIPING | 6-TPS-2221009 | 6-TPS-2221009-A15-30W | 5Y | | | | | | | | | I | | | | IRI | IRI-INLB |
| 309 | LTU -22 -PIPING | 6-TPS-222105 | 6-TPS-222105-A15-25S | 5Y | | | | | | | | | I | | | | IRI | IRI-INLB |
| 310 | LTU -23 -PIPING | 8-FA-2304001 | 8-FA-2304001-B11R | 5Y | | | | | | | | | | | I | | IRI | IRI-INLB |
| 311 | LTU -23 -PIPING | 8-FA-2305001 | 8-FA-2305001-B11R | 5Y | | | | | | | | | | | I | | IRI | IRI-INLB |
| 312 | LTU -23 -PIPING | 8-FA-2306001 | 8-FA-2306001-B11R | 5Y | | | | | | | | | | | I | | IRI | IRI-INLB |
| 313 | LTU -23 -PIPING | 8-FA-2307001 | 8-FA-2307001-B11R | 5Y | | | | | | | | | | | I | | IRI | IRI-INLB |
| 314 | LTU -23 -PIPING | 8-FA-2308001 | 8-FA-2308001-B11R | 5Y | | | | | | | | | | | I | | IRI | IRI-INLB |
| 315 | LTU -23 -PIPING | 8-FA-2323001 | 8-FA-2323001-B11R | 5Y | | | | | | | | | | | I | | IRI | IRI-INLB |
| 316 | LTU -23 -PIPING | 8-PPAV-2307001 | 8-PPAV-2307001-B11R-80K | 5Y | | | | | | | | | | | I | | IRI | IRI-INLB |
| 317 | LTU -22 -PIPING | 8-TPR-2217001 | 8-TPR-2217001-A15-25S | 5Y | | | | | | | | | I | | | | IRI | IRI-INLB |
| 318 | LTU -38C-61DC101 | E38C-61DC101-1-BC | CHARGER E2C-61DC101-1-BC | 1Y | | | | | | | P | | | | | | COH | COH-UPS |
| 319 | LTU -38C-61DC101 | E38C-61DC101-1-BC | CHARGER E2C-61DC101-1-BC | 6M | | | | I | | | | | | I | | | COH | COH-UPS |
| 320 | LTU -38C-61DC101 | E38C-61DC101-2-BC | CHARGER E2C-61DC101-2-BC | 1Y | | | | | | | P | | | | | | COH | COH-UPS |
| 321 | LTU -38C-61DC101 | E38C-61DC101-2-BC | CHARGER E2C-61DC101-2-BC | 6M | | | | I | | | | | | I | | | COH | COH-UPS |
| 322 | LTU -38C-61DC101 | E38C-61DC101-BATT1 | BATTERY FOR E38C-61DC101-BATT1 | 1Y | P | | | | | | | | | | | | COH | COH-UPS |
| 323 | LTU -38C-61DC101 | E38C-61DC101-BATT2 | BATTERY FOR E38C-61DC101-BATT2 | 1Y | P | | | | | | | | | | | | COH | COH-UPS |
| 324 | LTU -38C-61UPS101 | E38C-61UPS101-1 | UPS E38C-61UPS101-1 | 1Y | | | | | | | P | | | | | | COH | COH-UPS |
| 325 | LTU -38C-61UPS101 | E38C-61UPS101-1 | UPS E38C-61UPS101-1 | 6M | | | | I | | | | | | | | | COH | COH-UPS |
| 326 | LTU -38C-61UPS101 | E38C-61UPS101-2 | UPS E38C-61UPS101-2 | 1Y | | | | | | | P | | | | | | COH | COH-UPS |
| 327 | LTU -38C-61UPS101 | E38C-61UPS101-2 | UPS E38C-61UPS101-2 | 6M | | | | I | | | | | | I | | | COH | COH-UPS |
| 328 | LTU -38C-61UPS101 | E38C-61UPS101-BAT1 | BATTERY FOR E38C-61UPS101-BAT1 | 1Y | P | | | | | | | | | | | | COH | COH-UPS |
| 329 | LTU -38C-61UPS101 | E38C-61UPS101-BAT2 | BATTERY FOR E38C-61UPS101-BAT2 | 1Y | P | | | | | | | | | | | | COH | COH-UPS |
| 330 | LTU -22 -22B001 | LTU-22B001-B01 | FIRE HEATER | 12M | | | | | | I | | | | | | | IRI | IRI-INLB |
| 331 | LTU -22 -22B001 | LTU-22B001-BU01 | COMBINATION OIL AND GAS BURNER | 3M | I | | | I | | | I | | | I | | | RLB | RLB-MLBO |
| 332 | LTU -22 -22B001 | LTU-22B001-BU02 | COMBINATION OIL AND GAS BURNER | 3M | I | | | I | | | I | | | I | | | RLB | RLB-MLBO |
| 333 | LTU -22 -22B001 | LTU-22B001-BU03 | COMBINATION OIL AND GAS BURNER | 3M | I | | | I | | | I | | | I | | | RLB | RLB-MLBO |
| 334 | LTU -22 -22B001 | LTU-22B001-BU04 | COMBINATION OIL AND GAS BURNER | 3M | I | | | I | | | I | | | I | | | RLB | RLB-MLBO |
| 335 | LTU -22 -22B001 | LTU-22B001-BU05 | COMBINATION OIL AND GAS BURNER | 3M | | I | | | | | I | | | | I | | RLB | RLB-MLBO |
| 336 | LTU -22 -22B001 | LTU-22B001-BU06 | COMBINATION OIL AND GAS BURNER | 3M | | I | | | | | I | | | | I | | RLB | RLB-MLBO |
| 337 | LTU -22 -22B001 | LTU-22B001-BU07 | COMBINATION OIL AND GAS BURNER | 3M | | I | | | | | I | | | | I | | RLB | RLB-MLBO |
| 338 | LTU -22 -22B001 | LTU-22B001-BU08 | COMBINATION OIL AND GAS BURNER | 3M | | | I | | | | I | | | | I | | RLB | RLB-MLBO |
| 339 | LTU -22 -22B001 | LTU-22B001-BU09 | COMBINATION OIL AND GAS BURNER | 3M | | | I | | | | I | | | | I | | RLB | RLB-MLBO |
| 340 | LTU -22 -22B001 | LTU-22B001-BU10 | COMBINATION OIL AND GAS BURNER | 3M | | | I | | | | I | | | | I | | RLB | RLB-MLBO |

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|------|------------------|-----------------|-----------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 341 | LТУ -22 -22B001 | LТУ-22B001-BU11 | GAS BURNER | 3M | | | I | | | I | | | I | | I | | R/LB | R/LB-MLBO |
| 342 | LТУ -22 -22B001 | LТУ-22B001-M01 | M01 | 1Y | | | | | | | | | | | I | | R/LB | R/LB-ELBO |
| 343 | LТУ -22 -22B001 | LТУ-22B001-S01 | SCOT BLOWER | 6M | I | | | | | | I | | | | | | R/LB | R/LB-MLBO |
| 344 | LТУ -22 -22B001 | LТУ-22B001-S01 | SCOT BLOWM | 2M | | L | | L | | L | | | | | | L | R/LB | R/LB-MLBO |
| 345 | LТУ -22 -22B001 | LТУ-22B001-S02 | SCOT BLOWER | 6M | I | | | | | | I | | | | | L | R/LB | R/LB-MLBO |
| 346 | LТУ -22 -22B001 | LТУ-22B001-S02 | SCOT BLOWER | 2M | | L | | L | | L | | L | | L | | L | R/LB | R/LB-MLBO |
| 347 | LТУ -22 -22B001 | LТУ-22B001-S03 | SCOT BLOWER | 6M | I | | | | | | I | | | | | | R/LB | R/LB-MLBO |
| 348 | LТУ -22 -22B001 | LТУ-22B001-S03 | SCOT BLOWER | 2M | | L | | L | | L | | L | | L | | L | R/LB | R/LB-MLBO |
| 349 | LТУ -22 -22B001 | LТУ-22B001-S04 | SCOT BLOWER | 6M | I | | | | | | I | | | | | | R/LB | R/LB-MLBO |
| 350 | LТУ -22 -22B001 | LТУ-22B001-S04 | SCOT BLOWER | 2M | | L | | L | | L | | L | | L | | L | R/LB | R/LB-MLBO |
| 351 | LТУ -22 -22B001 | LТУ-22B001-S05 | SCOT BLOWER | 6M | | | | | I | | | | | | I | | R/LB | R/LB-MLBO |
| 352 | LТУ -22 -22B001 | LТУ-22B001-S05 | SCOT BLOWER | 2M | | L | | L | | L | | L | | L | | L | R/LB | R/LB-MLBO |
| 353 | LТУ -22 -22B001 | LТУ-22B001-S06 | SCOT BLOWER | 6M | | | | | I | | | | | | I | | R/LB | R/LB-MLBO |
| 354 | LТУ -22 -22B001 | LТУ-22B001-S06 | SCOT BLOWER | 2M | | L | | L | | L | | L | | L | | L | R/LB | R/LB-MLBO |
| 355 | LТУ -22 -22B001 | LТУ-22B001-S07 | SCOT BLOWER | 6M | | | | | I | | | | | | I | | R/LB | R/LB-MLBO |
| 356 | LТУ -22 -22B001 | LТУ-22B001-S07 | SCOT BLOWER | 2M | | L | | L | | L | | L | | L | | L | R/LB | R/LB-MLBO |
| 357 | LТУ -22 -22B001 | LТУ-22B001-S08 | SCOT BLOWER | 6M | | | | | I | | | | | | I | | R/LB | R/LB-MLBO |
| 358 | LТУ -22 -22B001 | LТУ-22B001-S08 | SCOT BLOWER | 2M | | L | | L | | L | | L | | L | | L | R/LB | R/LB-MLBO |
| 359 | LТУ -22 -22B002A | LТУ-22B002-B01 | F IRED HEATER 22B002A | 1Y | | | | | | I | | | | | | | I/R I | I - INLB |
| 360 | LТУ -22 -22B002A | LТУ-22B002-B01 | F IRED HEATER 22B002A | 3M | I | | | I | | | I | | | I | | | R/LB | R/LB-MLBO |
| 361 | LТУ -22 -22B002A | LТУ-22B002-B02 | GAS BURNER 22B002A/B | 3M | I | | | I | | | I | | | I | | | R/LB | R/LB-MLBO |
| 362 | LТУ -22 -22B002A | LТУ-22B002-B03 | GAS BURNER 22B002A/B | 3M | I | | | I | | | I | | | I | | | R/LB | R/LB-MLBO |
| 363 | LТУ -22 -22B002A | LТУ-22B002-B04 | GAS BURNER 22B002A/B | 3M | I | | | I | | | I | | | I | | | R/LB | R/LB-MLBO |
| 364 | LТУ -22 -22C007 | LТУ-22C007-C01 | Dehydrator Tower | 5Y | | | | | | | I | | I | | | | I/R I | I - INLB |
| 365 | LТУ -22 -22D001 | LТУ-22D001-D01 | Steam Drum | 5Y | | | | | | | | I | | | | | I/R I | I - INLB |
| 366 | LТУ -22 -22E002A | LТУ-22E002A-E01 | NMP COOLER | 2M | I | | I | | I | | I | | I | | I | | I/R I | I - INVB |
| 367 | LТУ -22 -22E002A | LТУ-22E002A-E01 | NMP COOLER | 1Y | | | | | | | | | | I | | | R/LB | R/LB-MLBO |
| 368 | LТУ -22 -22E002A | LТУ-22E002A-E01 | NMP COOLER | 3M | | L | | | L | | | L | | | L | | R/LB | R/LB-MLBO |
| 369 | LТУ -22 -22E002A | LТУ-22E002A-M01 | M01 | 4M | L | | | | L | | | | L | | | | R/LB | R/LB-ELBO |
| 370 | LТУ -22 -22E002B | LТУ-22E002B-E01 | NMP COOLER | 2M | | | I | | I | | I | | I | | I | | I/R I | I - INVB |
| 371 | LТУ -22 -22E002B | LТУ-22E002B-E01 | NMP COOLER | 1Y | | | | I | | | | | | | | | | |

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|------|------------------|------------------|-----------------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|----------|
| 375 | LTU -22 -22E003B | LTU-22E003B-E01 | Ion Resin Bed Feed Cooler | 5Y | | | | | | | | I | | | | | IRI | IRI-INLB | |
| 376 | LTU -22 -22E005A | LTU-22E005A-E01 | Condensing NMP / Steam Generation | 5Y | | | | | | | | | | I | | | IRI | IRI-INLB | |
| 377 | LTU -22 -22E005B | LTU-22E005B-E01 | Condensing NMP / Steam Generation | 5Y | | | | | | | | | | I | | | IRI | IRI-INLB | |
| 378 | LTU -22 -22E007 | LTU-22E007-E01 | NMP CONDENSER | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB | |
| 379 | LTU -22 -22E007 | LTU-22E007-E01 | NMP CONDENSER | 3M | I | | | I | | | I | | | I | | | RLB | RLB-MLBO | |
| 380 | LTU -22 -22E007E | LTU-22E007B1-E01 | NMP CONDENSER B | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO | |
| 381 | LTU -22 -22E007E | LTU-22E007B1-E01 | NMP CONDENSER B | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO | |
| 382 | LTU -22 -22E007F | LTU-22E007B2-E01 | NMP CONDENSER B | 6M | | | | | | I | | | | | | | I | RLB | RLB-MLBO |
| 383 | LTU -22 -22E007F | LTU-22E007B2-E01 | NMP CONDENSER B | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO | |
| 384 | LTU -22 -22E008A | LTU-22E008A-E01 | WET NMP CONDENSER | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB | |
| 385 | LTU -22 -22E008A | LTU-22E008A-E01 | WET NMP CONDENSER | 4M | | I | | | | I | | | | I | | | RLB | RLB-MLBO | |
| 386 | LTU -22 -22E008B | LTU-22E008B-E01 | WET NMP CONDENSER | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB | |
| 387 | LTU -22 -22E008B | LTU-22E008B-E01 | WET NMP CONDENSER | 4M | I | | | | | I | | | I | | | | RLB | RLB-MLBO | |
| 388 | LTU -22 -22E010 | LTU-22E010-E01 | Strip Gas Preheater | 5Y | | | | | | | | I | | | | | IRI | IRI-INLB | |
| 389 | LTU -22 -22E010B | LTU-22E010B-E01 | Strip gas preheater B | 5Y | | | | | | | | | | I | | | IRI | IRI-INLB | |
| 390 | LTU -22 -22E014C | LTU-22E014C-E01 | Hydrafinner feed preheater | 5Y | | | | | | | | | I | | | | IRI | IRI-INLB | |
| 391 | LTU -22 -22E016A | LTU-22E016-E01 | Strip Gas Compressor Afer Cooler | 5Y | | | | | | | | | I | | | | IRI | IRI-INLB | |
| 392 | LTU -22 -22E016A | LTU-22E016-E01 | Strip Gas Compressor Afer Cooler | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB | |
| 393 | LTU -22 -22E016A | LTU-22E016-E01 | Strip Gas Compressor Afer Cooler | 3M | I | | | I | | | | | | I | | | RLB | RLB-MLBO | |
| 394 | LTU -22 -22E016B | LTU-22E016B-E01 | Strip gas fan cooler | 5Y | | | | | | | | | I | | | | IRI | IRI-INLB | |
| 395 | LTU -22 -22E017 | LTU-22E017-E01 | K002A Interstage Cooler | 5Y | | | | | | | | | | I | | | IRI | IRI-INLB | |
| 396 | LTU -22 -22E018 | LTU-22E018-E01 | K002B Interstage Cooler | 5Y | | | | | | | | | | I | | | IRI | IRI-INLB | |
| 397 | LTU -22 -22E019 | LTU-22E019-E01 | Hot Separator Condenser | 5Y | | | | | | | | | | I | | | IRI | IRI-INLB | |
| 398 | LTU -22 -22E019 | LTU-22E019-E01 | Hot Separator Condenser | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB | |
| 399 | LTU -22 -22E019 | LTU-22E019-E01 | Hot Separator Condenser | 3M | | I | | | I | | | | I | | I | | RLB | RLB-MLBO | |
| 400 | LTU -22 -22E020A | LTU-22E020A-E01 | STRIPPER OVERHEAD CONDENSER | 5Y | | | | | | | | | | I | | | IRI | IRI-INLB | |
| 401 | LTU -22 -22E020A | LTU-22E020A-E01 | STRIPPER OVERHEAD CONDENSER | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB | |
| 402 | LTU -22 -22E020A | LTU-22E020A-E01 | STRIPPER OVERHEAD CONDENSER | 4M | | | I | | | | I | | | I | | | RLB | RLB-MLBO | |
| 403 | LTU -22 -22E020B | LTU-22E020B-E01 | STRIPPER OVERHEAD CONDENSER | 5Y | | | | | | | | | | I | | | IRI | IRI-INLB | |
| 404 | LTU -22 -22E020B | LTU-22E020B | | | | | | | | | | | | | | | | | |

PREVENTIVE MAINTENANCE YEARLY SCHEDULE
PLANT: LUBE YEAR: 2022

Form No.
Effective Date 29.12.2021
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Legend Text : B = Program Back-up C = Calibrate F = Function Test H = Overhaul I = Inspect L = Lubricate M = Strategy Plan P = Preventive Q = Check oil quality
S = Service T = Stand by condition check U = Running condition check V = Verify

| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|------------------|-----------------|--------------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 409 | LTU -22 -22E023 | LTU-22E023-E01 | DEHYDRATOR OVER-HEAD CONDENSER | 3M | | I | | | I | | | I | | I | | | RLB | RLB-MLBO |
| 410 | LTU -22 -22E025A | LTU-22E025A-E01 | TEMPERED WATER COOLER | 5Y | | | | | | | | I | | | | | IRI | IRI-INLB |
| 411 | LTU -22 -22E025A | LTU-22E025A-E01 | TEMPERED WATER COOLER | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 412 | LTU -22 -22E025A | LTU-22E025A-E01 | TEMPERED WATER COOLER | 3M | | L | | | L | | | L | | | L | | RLB | RLB-MLBO |
| 413 | LTU -22 -22E025A | LTU-22E025A-E01 | TEMPERED WATER COOLER | 1Y | I | | | | | | | | | | | | RLB | RLB-MLBO |
| 414 | LTU -22 -22E025A | LTU-22E025A-M01 | M01 | 4M | L | | | | L | | | | L | | | | RLB | RLB-ELBO |
| 415 | LTU -22 -22E025A | LTU-22E025A-M01 | M01 | 1Y | | T | | | | | | | | | | | RLB | RLB-ELBO |
| 416 | LTU -22 -22E025B | LTU-22E025B-E01 | TEMPERED WATER COOLER | 5Y | | | | | | | | I | | | | | IRI | IRI-INLB |
| 417 | LTU -22 -22E025B | LTU-22E025B-E01 | TEMPERED WATER COOLER | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 418 | LTU -22 -22E025B | LTU-22E025B-E01 | TEMPERED WATER COOLER | 1Y | | | | | | | I | | | | | | RLB | RLB-MLBO |
| 419 | LTU -22 -22E025B | LTU-22E025B-E01 | TEMPERED WATER COOLER | 3M | | L | | | L | | | L | | | L | | RLB | RLB-MLBO |
| 420 | LTU -22 -22E025B | LTU-22E025B-M01 | M01 | 4M | L | | | | L | | | | L | | | | RLB | RLB-ELBO |
| 421 | LTU -22 -22E025B | LTU-22E025B-M01 | M01 | 1Y | | T | | | | | | | | | | | RLB | RLB-ELBO |
| 422 | LTU -22 -22E025C | LTU-22E025C-E01 | TEMPERED WATER COOLER | 5Y | | | | | | | | I | | | | | IRI | IRI-INLB |
| 423 | LTU -22 -22E025C | LTU-22E025C-E01 | TEMPERED WATER COOLER | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 424 | LTU -22 -22E025C | LTU-22E025C-E01 | TEMPERED WATER COOLER | 1Y | | | I | | | | | | | | | | RLB | RLB-MLBO |
| 425 | LTU -22 -22E025C | LTU-22E025C-E01 | TEMPERED WATER COOLER | 3M | | L | | | L | | | L | | | L | | RLB | RLB-MLBO |
| 426 | LTU -22 -22E025C | LTU-22E025C-M01 | M01 | 4M | L | | | | L | | | | L | | | | RLB | RLB-ELBO |
| 427 | LTU -22 -22E025C | LTU-22E025C-M01 | M01 | 1Y | | | T | | | | | | | | | | RLB | RLB-ELBO |
| 428 | LTU -22 -22E025D | LTU-22E025D-E01 | TEMPERED WATER COOLER | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 429 | LTU -22 -22E025D | LTU-22E025D-E01 | TEMPERED WATER COOLER | 1Y | | | | | | | | | | I | | | RLB | RLB-MLBO |
| 430 | LTU -22 -22E025D | LTU-22E025D-E01 | TEMPERED WATER COOLER | 3M | | L | | | L | | | L | | | L | | RLB | RLB-MLBO |
| 431 | LTU -22 -22E025D | LTU-22E025D-M01 | M01 | 4M | L | | | | L | | | | L | | | | RLB | RLB-ELBO |
| 432 | LTU -22 -22E025D | LTU-22E025D-M01 | M01 | 1Y | | | T | | | | | | | | | | RLB | RLB-ELBO |
| 433 | LTU -22 -22E025E | LTU-22E025E-E01 | TEMPERED WATER COOLER | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 434 | LTU -22 -22E025E | LTU-22E025E-E01 | TEMPERED WATER COOLER | 1Y | | | | I | | | | | | | | | RLB | RLB-MLBO |
| 435 | LTU -22 -22E025E | LTU-22E025E-E01 | TEMPERED WATER COOLER | 3M | | L | | | L | | | L | | | L | | RLB | RLB-MLBO |
| 436 | LTU -22 -22E025F | LTU-22E025F-E01 | TEMPERED WATER COOLER | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 437 | LTU -22 -22E025F | LTU-22E025F-E01 | TEMPERED WATER COOLER | 1Y | | | | | | | | | | | | I | RLB | RLB-MLBO |
| 438 | LTU -22 -22E025F | LTU-22E025F-E01 | TEMPERED WATER COOLER | 3M | | L | | | L | | | L | | | L | | RLB | RLB-MLBO |
| 439 | LTU -22 -22E025F | LTU-22E025F-M01 | M01 | 4M | L | | | | L | | | | L | | | | RLB | RLB-ELBO |
| 440 | LTU -22 -22E025F | LTU-22E025F-M01 | M01 | 1Y | | | | T | | | | | | | | | RLB | RLB-ELBO |
| 441 | LTU -22 -22E027 | LTU-22E027-E01 | Stripper OVHD Trim Condenser | 5Y | | | | | | | | | I | | | | IRI | IRI-INLB |
| 442 | LTU -22 -22F001 | LTU-22F001-F01 | ION BED NMP FEED FILTER | 5Y | | | | | | | | | I | | | | IRI | IRI-INLB |

PREVENTIVE MAINTENANCE YEARLY SCHEDULE
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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|------------------|--------------------|-----------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 443 | LTU -22 -22H001 | LTU-22H001-H01 | 22R001 HOIST | 1Y | | | | I | | | | | | | | | IRI | IRI-INSS |
| 444 | LTU -22 -22H001 | LTU-22H001-H01 | 22R001 HOIST | 1Y | | I | | | | | | | | | | | RLB | RLB-MLBO |
| 445 | LTU -22 -22H002 | LTU-22H002-H01 | *22K001A/B, 22K002A/B CRANE | 1Y | | | | I | | | | | | | | | IRI | IRI-INSS |
| 446 | LTU -22 -22H002 | LTU-22H002-H01 | *22K001A/B, 22K002A/B CRANE | 1Y | | I | | | | | | | | | | | RLB | RLB-MLBO |
| 447 | LTU -22 -22H003 | LTU-22H003-H01 | 22K003A/B HOIST | 1Y | | | | I | | | | | | | | | IRI | IRI-INSS |
| 448 | LTU -22 -22H003 | LTU-22H003-H01 | 22K003A/B HOIST | 1Y | | I | | | | | | | | | | | RLB | RLB-MLBO |
| 449 | LTU -22 -22K001A | LTU-22K001A-K01 | STRIP GAS COMPRESSOR | 1Y | | | | | | P | | | | | | | CRE | CRE-OHIP |
| 450 | LTU -22 -22K001A | LTU-22K001A-K01 | STRIP GAS COMPRESSOR | 1M | I | I | I | I | I | I | I | I | I | I | I | I | IRI | IRI-INOL |
| 451 | LTU -22 -22K001A | LTU-22K001A-M01 | M01 | 1Y | | | | | | T | | | | | | | RLB | RLB-ELBO |
| 452 | LTU -22 -22K001A | LTU-22K001A-M01 | M01 | 4M | | | L | | | | L | | | | L | | RLB | RLB-ELBO |
| 453 | LTU -38C-MCC | LTU-22K001A-SMGR | SMGR | 2Y | | P | | | | | | | | | | | COH | COH-SMRL |
| 454 | LTU -22 -22K001A | LTU-22K001AP01-M01 | M01 | 1Y | | | | | I | | | | | | | | RLB | RLB-ELBO |
| 455 | LTU -22 -22K001A | LTU-22K001AP01-P01 | LUBE OIL PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 456 | LTU -22 -22K001A | LTU-22K001AP01-P01 | LUBE OIL PUMP | 6M | | | | I | | | | | | I | | | RLB | RLB-MLBO |
| 457 | LTU -22 -22K001A | LTU-22K001AP02-M02 | M02 | 1Y | | | | | | I | | | | | | | RLB | RLB-ELBO |
| 458 | LTU -22 -22K001A | LTU-22K001AP02-P02 | LUBE OIL PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 459 | LTU -22 -22K001B | LTU-22K001B-K01 | STRIP GAS COMPRESSOR | 1Y | | | | | P | | | | | | | | CRE | CRE-OHIP |
| 460 | LTU -22 -22K001B | LTU-22K001B-K01 | STRIP GAS COMPRESSOR | 1M | I | I | I | I | I | I | I | I | I | I | I | I | IRI | IRI-INOL |
| 461 | LTU -22 -22K001B | LTU-22K001B-M01 | M01 | 1Y | | | | | | | T | | | | | | RLB | RLB-ELBO |
| 462 | LTU -22 -22K001B | LTU-22K001B-M01 | M01 | 4M | | | | L | | | | L | | | | L | RLB | RLB-ELBO |
| 463 | LTU -38C-MCC | LTU-22K001B-SMGR | SMGR | 2Y | P | | | | | | | | | | | | COH | COH-SMRL |
| 464 | LTU -22 -22K001B | LTU-22K001BP01-M01 | M01 | 1Y | | | | | | | T | | | | | | RLB | RLB-ELBO |
| 465 | LTU -22 -22K001B | LTU-22K001BP01-P01 | LUBE OIL PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 466 | LTU -22 -22K001B | LTU-22K001BP02-M02 | M02 | 1Y | | | | | | | T | | | | | | RLB | RLB-ELBO |
| 467 | LTU -22 -22K001B | LTU-22K001BP02-P02 | LUBE OIL PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 468 | LTU -22 -22K002A | LTU-22K002A-K01 | TREAT GAS COMPRESSOR | 1Y | | | | | | | | P | | | | | CRE | CRE-OHIP |
| 469 | LTU -22 -22K002A | LTU-22K002A-K01 | TREAT GAS COMPRESSOR | 1M | I | I | I | I | I | I | I | I | I | I | I | I | IRI | IRI-INOL |
| 470 | LTU -22 -22K002A | LTU-22K002A-K01 | TREAT GAS COMPRESSOR | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 471 | LTU -22 -22K002A | LTU-22K002A-K01 | TREAT GAS COMPRESSOR | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 472 | LTU -22 -22K002A | LTU-22K002A-M01 | M01 | 1Y | | | | | | | | | | | | T | RLB | RLB-ELBO |
| 473 | LTU -22 -22K002A | LTU-22K002A-M01 | M01 | 4M | | | L | | | | L | | | | L | | RLB | RLB-ELBO |
| 474 | LTU -38C-MCC | LTU-22K002A-SMGR | SMGR | 2Y | | P | | | | | | | | | | | COH | COH-SMRL |
| 475 | LTU -22 -22K002A | LTU-22K002AP01-M01 | M01 | 1Y | | | | | | | | | | | | T | RLB | RLB-ELBO |
| 476 | LTU -22 -22K002B | LTU-22K002B-K01 | TREAT GAS COMPRESSOR | 1Y | | | | | | | | P | | | | | CRE | CRE-OHIP |

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|------|------------------|--------------------|--------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 477 | LTU -22 -22K002B | LTU-22K002B-K01 | TREAT GAS COMPRESSOR | 1M | I | I | I | I | I | I | I | I | I | I | I | I | IRI | IRI-INOL |
| 478 | LTU -22 -22K002B | LTU-22K002B-K01 | TREAT GAS COMPRESSOR | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 479 | LTU -22 -22K002B | LTU-22K002B-K01 | TREAT GAS COMPRESSOR | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 480 | LTU -22 -22K002B | LTU-22K002B-M01 | M01 | 1Y | | | | | | | T | | | | | | RLB | RLB-ELBO |
| 481 | LTU -22 -22K002B | LTU-22K002B-M01 | M01 | 4M | | | | L | | | | L | | | | L | RLB | RLB-ELBO |
| 482 | LTU -38C-MCC | LTU-22K002B-SMGR | SMGR | 2Y | P | | | | | | | | | | | | COH | COH-SMRL |
| 483 | LTU -22 -22K002B | LTU-22K002BP01-M01 | M01 | 1Y | | | | | | | T | | | | | | RLB | RLB-ELBO |
| 484 | LTU -22 -22K003A | LTU-22K003A-K01 | OFF GAS COMPRESSOR | 1Y | | | | | | | | | | P | | | CRE | CRE-OHIP |
| 485 | LTU -22 -22K003A | LTU-22K003A-K01 | OFF GAS COMPRESSOR | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 486 | LTU -22 -22K003A | LTU-22K003A-K01 | OFF GAS COMPRESSOR | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 487 | LTU -22 -22K003A | LTU-22K003A-M01 | M01 | 1Y | | | | | | | | | | | | T | RLB | RLB-ELBO |
| 488 | LTU -22 -22K003A | LTU-22K003A-M01 | M01 | 4M | | | L | | | | L | | | | L | | RLB | RLB-ELBO |
| 489 | LTU -22 -22K003A | LTU-22K003AP01-M01 | M01 | 1Y | | | | | | | | | | | | T | RLB | RLB-ELBO |
| 490 | LTU -22 -22K003B | LTU-22K003B-K01 | OFF GAS COMPRESSOR | 1Y | | | | | | | | | | P | | | CRE | CRE-OHIP |
| 491 | LTU -22 -22K003B | LTU-22K003B-K01 | OFF GAS COMPRESSOR | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 492 | LTU -22 -22K003B | LTU-22K003B-K01 | OFF GAS COMPRESSOR | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 493 | LTU -22 -22K003B | LTU-22K003B-M01 | M01 | 1Y | | | | | | | T | | | | | | RLB | RLB-ELBO |
| 494 | LTU -22 -22K003B | LTU-22K003B-M01 | M01 | 4M | | | | L | | | | L | | | | L | RLB | RLB-ELBO |
| 495 | LTU -22 -22K003B | LTU-22K003BP01-M01 | M01 | 1Y | | | | | | | T | | | | | | RLB | RLB-ELBO |
| 496 | LTU -38C-MCC | LTU-22N001-MCC | MCC | 1Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 497 | LTU -22 -22D016 | LTU-22N001-N01 | PHOSPHATE SOLUTION MIXER | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 498 | LTU -22 -22D016 | LTU-22N001-N01 | PHOSPHATE SOLUTION MIXER | 6M | | | | L | | | | | | L | | | RLB | RLB-MLBO |
| 499 | LTU -22 -22P002A | LTU-22P002A-M01 | M01 | 3M | | L | | | | | | L | | | | | RLB | RLB-ELBO |
| 500 | LTU -22 -22P002A | LTU-22P002A-P01 | DRY NMP PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 501 | LTU -22 -22P002A | LTU-22P002A-P01 | DRY NMP PUMP | 3M | | | I | | | I | | | I | | | I | RLB | RLB-MLBO |
| 502 | LTU -38C-MCC | LTU-22P002A-SMGR | SMGR | 2Y | | P | | | | | | | | | | | COH | COH-SMRL |
| 503 | LTU -22 -22P002B | LTU-22P002B-P01 | DRY NMP PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 504 | LTU -22 -22P002B | LTU-22P002B-P01 | DRY NMP PUMP | 3M | I | | | I | | | I | | | I | | | RLB | RLB-MLBO |
| 505 | LTU -22 -22P002B | LTU-22P002B-TB1 | TURBINE FOR DRY NMP PUMP | 6M | | F | | | | | | F | | | | | CRE | CRE-OHIP |
| 506 | LTU -22 -22P002B | LTU-22P002B-TB1 | TURBINE FOR DRY NMP PUMP | 6M | | P | | | | | | P | | | | | CRE | CRE-OHIP |
| 507 | LTU -22 -22P003A | LTU-22P003A-M01 | M01 | 4M | | | L | | | | L | | | | | L | RLB | RLB-ELBO |
| 508 | LTU -22 -22P003A | LTU-22P003A-M01 | M01 | 1Y | | | | | | T | | | | | | | RLB | RLB-ELBO |
| 509 | LTU -22 -22P003A | LTU-22P003A-P01 | WET NMP PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 510 | LTU -22 -22P003A | LTU-22P003A-P01 | WET NMP PUMP | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|------------------|------------------|-------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 511 | LTU -22 -22P003B | LTU-22P003B-M01 | M01 | 4M | | | | L | | | | L | | | | L | RLB | RLB-ELBO |
| 512 | LTU -22 -22P003B | LTU-22P003B-M01 | M01 | 1Y | | | T | | | | | | | | | | RLB | RLB-ELBO |
| 513 | LTU -22 -22P003B | LTU-22P003B-P01 | WET NMP PUMP | 2M | I | | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 514 | LTU -22 -22P003B | LTU-22P003B-P01 | WET NMP PUMP | 6M | | | I | | | | | | I | | | | RLB | RLB-MLBO |
| 515 | LTU -22 -22P004A | LTU-22P004A-M01 | M01 | 4M | | | L | | | | L | | | | | L | RLB | RLB-ELBO |
| 516 | LTU -22 -22P004A | LTU-22P004A-M01 | M01 | 1Y | | | | T | | | | | | | | | RLB | RLB-ELBO |
| 517 | LTU -22 -22P004A | LTU-22P004A-P01 | EXTRACT PRODUCT PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 518 | LTU -22 -22P004A | LTU-22P004A-P01 | EXTRACT PRODUCT PUMP | 2M | | I | | I | | I | | I | | I | | I | RLB | RLB-MLBO |
| 519 | LTU -22 -22P004B | LTU-22P004B-M01 | M01 | 4M | | | | L | | | | L | | | | L | RLB | RLB-ELBO |
| 520 | LTU -22 -22P004B | LTU-22P004B-M01 | M01 | 1Y | | | T | | | | | | | | | | RLB | RLB-ELBO |
| 521 | LTU -22 -22P004B | LTU-22P004B-P01 | EXTRACT PRODUCT PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 522 | LTU -22 -22P004B | LTU-22P004B-P01 | EXTRACT PRODUCT PUMP | 2M | I | | I | | I | | I | | I | | I | | RLB | RLB-MLBO |
| 523 | LTU -22 -22P005A | LTU-22P005A-M01 | M01 | 1Y | | | | | | | | | | T | | | RLB | RLB-ELBO |
| 524 | LTU -22 -22P005A | LTU-22P005A-M01 | M01 | 4M | | | L | | | | L | | | | | L | RLB | RLB-ELBO |
| 525 | LTU -22 -22P005A | LTU-22P005A-P01 | HYDROFINER FEED PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 526 | LTU -22 -22P005A | LTU-22P005A-P01 | HYDROFINER FEED PUMP | 2M | | I | | I | | I | | I | | I | | I | RLB | RLB-MLBO |
| 527 | LTU -38C-MCC | LTU-22P005A-SMGR | SMGR | 2Y | P | | | | | | | | | | | | COH | COH-SMRL |
| 528 | LTU -22 -22P005B | LTU-22P005B-M01 | M01 | 1Y | | | T | | | | | | | | | | RLB | RLB-ELBO |
| 529 | LTU -22 -22P005B | LTU-22P005B-M01 | M01 | 4M | | | | L | | | | L | | | | L | RLB | RLB-ELBO |
| 530 | LTU -22 -22P005B | LTU-22P005B-P01 | HYDROFINER FEED PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 531 | LTU -22 -22P005B | LTU-22P005B-P01 | HYDROFINER FEED PUMP | 2M | I | | I | | I | | I | | I | | I | | RLB | RLB-MLBO |
| 532 | LTU -38C-MCC | LTU-22P005B-SMGR | SMGR | 2Y | | P | | | | | | | | | | | COH | COH-SMRL |
| 533 | LTU -22 -22P006A | LTU-22P006A-M01 | M01 | 4M | | | L | | | | L | | | | | L | RLB | RLB-ELBO |
| 534 | LTU -22 -22P006A | LTU-22P006A-M01 | M01 | 1Y | | | | T | | | | | | | | | RLB | RLB-ELBO |
| 535 | LTU -22 -22P006A | LTU-22P006A-P01 | HYDROFINER PRODUCT PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 536 | LTU -22 -22P006A | LTU-22P006A-P01 | HYDROFINER PRODUCT PUMP | 2M | | I | | I | | I | | I | | I | | I | RLB | RLB-MLBO |
| 537 | LTU -22 -22P006A | LTU-22P006A-P01 | HYDROFINER PRODUCT PUMP | 6M | | | | L | | | | | | L | | | RLB | RLB-MLBO |
| 538 | LTU -22 -22P006B | LTU-22P006B-M01 | M01 | 4M | | | | L | | | | L | | | | L | RLB | RLB-ELBO |
| 539 | LTU -22 -22P006B | LTU-22P006B-M01 | M01 | 1Y | | | T | | | | | | | | | | RLB | RLB-ELBO |
| 540 | LTU -22 -22P006B | LTU-22P006B-P01 | HYDROFINER PRODUCT PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 541 | LTU -22 -22P006B | LTU-22P006B-P01 | HYDROFINER PRODUCT PUMP | 2M | I | | I | | I | | I | | I | | I | | RLB | RLB-MLBO |
| 542 | LTU -22 -22P006B | LTU-22P006B-P01 | HYDROFINER PRODUCT PUMP | 6M | | L | | | | | L | | | | | | RLB | RLB-MLBO |
| 543 | LTU -38C-MCC | LTU-22P007A-MCC | MCC | 1Y | | | | I | | | | | | | | | RLB | RLB-ELBO |
| 544 | LTU -22 -22P007A | LTU-22P007A-P01 | WA SH WATER PUMP | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|------------------|-----------------|--------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 545 | LTU -38C-MCC | LTU-22P007B-MCC | MCC | 1Y | | | I | | | | | | | | | | RLB | RLB-ELBO |
| 546 | LTU -22 -22P007B | LTU-22P007B-P01 | WA SH WATER PUMP | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 547 | LTU -22 -22P007C | LTU-22P007C-M01 | 22P007C Wash Water motor | 1Y | | | | | | | | | | | | | RLB | RLB-ELBO |
| 548 | LTU -22 -22P007C | LTU-22P007C-P01 | 22P007C Wash Water pump | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 549 | LTU -22 -22P007C | LTU-22P007C-P01 | 22P007C Wash Water pump | 6M | L | | | | | | L | | | | | | RLB | RLB-MLBO |
| 550 | LTU -22 -22P008A | LTU-22P008A-M01 | M01 | 4M | | | L | | | | L | | | | L | | RLB | RLB-ELBO |
| 551 | LTU -22 -22P008A | LTU-22P008A-M01 | M01 | 1Y | | | | | | T | | | | | | | RLB | RLB-ELBO |
| 552 | LTU -22 -22P008A | LTU-22P008A-P01 | LEAN DEA PUMP | 2M | I | | I | | I | | I | | | | I | | IRI | IRI-INVB |
| 553 | LTU -22 -22P008A | LTU-22P008A-P01 | LEAN DEA PUMP | 6M | | | I | | | | | | I | | | | RLB | RLB-MLBO |
| 554 | LTU -22 -22P008B | LTU-22P008B-M01 | M01 | 4M | | | | L | | | | L | | | | L | RLB | RLB-ELBO |
| 555 | LTU -22 -22P008B | LTU-22P008B-M01 | M01 | 1Y | | | T | | | | | | | | | | RLB | RLB-ELBO |
| 556 | LTU -22 -22P008B | LTU-22P008B-P01 | LEAN DEA PUMP | 2M | | I | | I | | I | | I | | | I | | IRI | IRI-INVB |
| 557 | LTU -22 -22P008B | LTU-22P008B-P01 | LEAN DEA PUMP | 6M | | | I | | | | | I | | | | | RLB | RLB-MLBO |
| 558 | LTU -22 -22P009 | LTU-22P009-M01 | M01 | 4M | | | | L | | | | L | | | | L | RLB | RLB-ELBO |
| 559 | LTU -22 -22P009 | LTU-22P009-M01 | M01 | 1Y | T | | | | | | | | | | | | RLB | RLB-ELBO |
| 560 | LTU -22 -22P009 | LTU-22P009-P01 | DEHYDRATOR REFLUX PUMP | 2M | | I | | I | | I | | I | | | I | | IRI | IRI-INVB |
| 561 | LTU -22 -22P009 | LTU-22P009-P01 | DEHYDRATOR REFLUX PUMP | 6M | | | | | | | | I | | | | | RLB | RLB-MLBO |
| 562 | LTU -22 -22P010A | LTU-22P010A-M01 | M01 | 1Y | | T | | | | | | | | | | | RLB | RLB-ELBO |
| 563 | LTU -22 -22P010A | LTU-22P010A-M01 | M01 | 4M | | | L | | | | L | | | | | L | RLB | RLB-ELBO |
| 564 | LTU -22 -22P010A | LTU-22P010A-P01 | TEMPERED WATER PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 565 | LTU -22 -22P010A | LTU-22P010A-P01 | TEMPERED WATER PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 566 | LTU -22 -22P010A | LTU-22P010A-P01 | TEMPERED WATER PUMP | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 567 | LTU -22 -22P010A | LTU-22P010A-P01 | TEMPERED WATER PUMP | 3M | | | L | | | L | | L | | | | L | RLB | RLB-MLBO |
| 568 | LTU -22 -22P010A | LTU-22P010A-P01 | TEMPERED WATER PUMP | 2M | | I | | I | | I | | I | | | I | | RLB | RLB-MLBO |
| 569 | LTU -22 -22P010B | LTU-22P010B-M01 | M01 | 1Y | | | T | | | | | | | | | | RLB | RLB-ELBO |
| 570 | LTU -22 -22P010B | LTU-22P010B-M01 | M01 | 4M | | | | L | | | | L | | | | L | RLB | RLB-ELBO |
| 571 | LTU -22 -22P010B | LTU-22P010B-P01 | TEMPERED WATER PUMP | 2M | I | | | I | | I | | I | | | I | | IRI | IRI-INVB |
| 572 | LTU -22 -22P010B | LTU-22P010B-P01 | TEMPERED WATER PUMP | 2M | | I | | I | | I | | I | | | I | | IRI | IRI-INVB |
| 573 | LTU -22 -22P010B | LTU-22P010B-P01 | TEMPERED WATER PUMP | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 574 | LTU -22 -22P010B | LTU-22P010B-P01 | TEMPERED WATER PUMP | 3M | | L | | | L | | | L | | | L | | RLB | RLB-MLBO |
| 575 | LTU -22 -22P010B | LTU-22P010B-P01 | TEMPERED WATER PUMP | 2M | I | | I | | I | | I | | I | | I | | RLB | RLB-MLBO |
| 576 | LTU -22 -22P011 | LTU-22P011-P01 | ION BED FEED PUMP | 2M | | I | | I | | I | | I | | | I | | IRI | IRI-INVB |
| 577 | LTU -22 -22P011 | LTU-22P011-P01 | ION BED FEED PUMP | 6M | | | I | | | | | | I | | | | RLB | RLB-MLBO |
| 578 | LTU -22 -22P012 | LTU-22P012-M01 | M01 | 6M | | | | | | L | | | | | | L | RLB | RLB-ELBO |

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|------------------|-----------------|--------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 579 | LTU -22 -22P012 | LTU-22P012-M01 | M01 | 1Y | T | | | | | | | | | | | | RLB | RLB-ELBO |
| 580 | LTU -22 -22P012 | LTU-22P012-P01 | NMP TRANSFER PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 581 | LTU -22 -22P012 | LTU-22P012-P01 | NMP TRANSFER PUMP | 6M | | I | | | | | | I | | | | | RLB | RLB-MLBO |
| 582 | LTU -22 -22P013 | LTU-22P013-M01 | M01 | 6M | | | | | | L | | | | | | L | RLB | RLB-ELBO |
| 583 | LTU -22 -22P013 | LTU-22P013-M01 | M01 | 1Y | T | | | | | | | | | | | | RLB | RLB-ELBO |
| 584 | LTU -22 -22P013 | LTU-22P013-P01 | NMP MAKEUP PUMP | 2M | | I | | I | | I | | I | | | I | | IRI | IRI-INVB |
| 585 | LTU -22 -22P013 | LTU-22P013-P01 | NMP MAKEUP PUMP | 6M | | | I | | | | | | I | | | | RLB | RLB-MLBO |
| 586 | LTU -38C-MCC | LTU-22P014-MCC | MCC | 1Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 587 | LTU -22 -22P014 | LTU-22P014-P01 | NMP SUMP PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 588 | LTU -22 -22P014 | LTU-22P014-P01 | NMP SUMP PUMP | 2M | L | | L | | L | | L | | L | | L | | RLB | RLB-MLBO |
| 589 | LTU -38C-MCC | LTU-22P015-MCC | MCC | 1Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 590 | LTU -22 -22P015 | LTU-22P015-P01 | PHOSPHATE INJECTION PUMP | 2M | | I | | I | | I | | I | | | I | | IRI | IRI-INVB |
| 591 | LTU -22 -22P015 | LTU-22P015-P01 | PHOSPHATE INJECTION PUMP | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 592 | LTU -38C-MCC | LTU-22P016-MCC | MCC | 1Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 593 | LTU -22 -22P016 | LTU-22P016-P01 | CAUSTIC FEED PUMP | 2M | | I | | I | | I | | I | | | I | | IRI | IRI-INVB |
| 594 | LTU -22 -22P016 | LTU-22P016-P01 | CAUSTIC FEED PUMP | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 595 | LTU -38C-MCC | LTU-22P017-MCC | MCC | 1Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 596 | LTU -22 -22P017 | LTU-22P017-P01 | DEHYDRATOR BOTTOM PUMP | 2M | | I | | I | | I | | I | | | I | | IRI | IRI-INVB |
| 597 | LTU -22 -22P017 | LTU-22P017-P01 | DEHYDRATOR BOTTOM PUMP | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 598 | LTU -38C-MCC | LTU-22P018A-MCC | MCC | 1Y | | I | | | | | | | | | | | RLB | RLB-ELBO |
| 599 | LTU -22 -22P018A | LTU-22P018A-P01 | RIQH DEA PUMP | 2M | | I | | I | | I | | I | | | I | | IRI | IRI-INVB |
| 600 | LTU -22 -22P018A | LTU-22P018A-P01 | RIQH DEA PUMP | 6M | | I | | | | | I | | | | | | RLB | RLB-MLBO |
| 601 | LTU -38C-MCC | LTU-22P018B-MCC | MCC | 1Y | | | I | | | | | | | | | | RLB | RLB-ELBO |
| 602 | LTU -22 -22P018B | LTU-22P018B-P01 | RIQH DEA PUMP | 2M | | I | | I | | I | | I | | | I | | IRI | IRI-INVB |
| 603 | LTU -22 -22P018B | LTU-22P018B-P01 | RIQH DEA PUMP | 6M | | | I | | | | | | I | | | | RLB | RLB-MLBO |
| 604 | LTU -38C-MCC | LTU-22P019-MCC | MCC | 1Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 605 | LTU -22 -22P019 | LTU-22P019-P01 | SPENT CAUSTIC PUMP | 2M | | I | | I | | I | | I | | | I | | IRI | IRI-INVB |
| 606 | LTU -22 -22P019 | LTU-22P019-P01 | SPENT CAUSTIC PUMP | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 607 | LTU -22 -22T001 | LTU-22T001-T01 | NMP BLOWDOWN TANK | 6M | | I | | | | | | I | | | | | RLB | RLB-MLBO |
| 608 | LTU -22 -22T002 | LTU-22T002-T01 | NMP STORAGE TANK | 5Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 609 | LTU -22 -22T002 | LTU-22T002-T01 | NMP STORAGE TANK | 6M | | I | | | | | | I | | | | | RLB | RLB-MLBO |
| 610 | LTU -22 -22T003 | LTU-22T003-T01 | WET NMP STORAGE TANK | 5Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 611 | LTU -22 -22T003 | LTU-22T003-T01 | WET NMP STORAGE TANK | 6M | | I | | | | | | I | | | | | RLB | RLB-MLBO |
| 612 | LTU -22 -22T004 | LTU-22T004-T01 | Tempered Water (TPS/TPR) | 5Y | | | | | | | I | | | | | | IRI | IRI-INLB |

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|------------------|--------------------|--|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 613 | LTU -23 -23C004 | LTU-23C004-C01 | Wax Stripper | 5Y | | I | | | | | | | | | | | IRI | IRI-INLB |
| 614 | LTU -23 -23D003A | LTU-23D003A-D01 | Batch Chillers | 5Y | | I | | | | | | | | | | | IRI | IRI-INLB |
| 615 | LTU -23 -23D003A | LTU-23D003A-D01 | Batch Chillers | 5Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 616 | LTU -23 -23D003B | LTU-23D003B-D01 | Batch Chillers | 5Y | | I | | | | | | | | | | | IRI | IRI-INLB |
| 617 | LTU -23 -23D003B | LTU-23D003B-D01 | Batch Chillers | 5Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 618 | LTU -23 -23D012 | LTU-23D012-D01 | Compressor K.O. Drum | 5Y | | | | | | | | I | | | | | IRI | IRI-INLB |
| 619 | LTU -23 -23D013 | LTU-23D013-D01 | LP Propane Storage Drum | 5Y | | | | | | | | | I | | | | IRI | IRI-INLB |
| 620 | LTU -23 -23D014 | LTU-23D014-D01 | Vacuum Condensate Drum | 5Y | | | | | | | | I | | | | | IRI | IRI-INLB |
| 621 | LTU -23 -23D015 | LTU-23D015-D01 | Ejector Condensate Drum | 5Y | | | | | | | | I | | | | | IRI | IRI-INLB |
| 622 | LTU -23 -23E011A | LTU-23E011A-E01 | Wax HP Flash Propane Condenser | 5Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 623 | LTU -23 -23E011B | LTU-23E011B-E01 | Wax HP Flash Propane Condenser | 5Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 624 | LTU -23 -23E012 | LTU-23E012-E01 | Wax HP Flash Preheater | 5Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 625 | LTU -23 -23E013 | LTU-23E013-E01 | Wax / Kero. Expl. Corrector Preheater | 5Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 626 | LTU -23 -23E022 | LTU-23E022-E01 | Kerosene Heater | 5Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 627 | LTU -23 -23F001A | LTU-23F001A-F01 | DEWAXING FILTER | 6M | | I | | | | | I | | | | | | RLB | RLB-MLBO |
| 628 | LTU -23 -23F001A | LTU-23F001A-VSD | VSD FOR MOTOR DRUMDRIVE 23F001A-1= 7.5kW | 1Y | | | | | | | | | | | I | | RLB | RLB-ELBO |
| 629 | LTU -23 -23F001A | LTU-23F001AP01-P01 | LUBE OIL PUMP | 2M | I | | I | | I | | I | | I | | I | | RLB | RLB-MLBO |
| 630 | LTU -23 -23F001B | LTU-23F001B-F01 | DEWAXING FILTER | 6M | | | | I | | | | | | I | | | RLB | RLB-MLBO |
| 631 | LTU -23 -23F001B | LTU-23F001B-VSD | VSD FOR MOTOR DRUMDRIVE 23F001B-1= 7.5kW | 1Y | | | | | | | | | | | I | | RLB | RLB-ELBO |
| 632 | LTU -23 -23F001B | LTU-23F001BP01-P01 | LUBE OIL PUMP | 2M | I | | I | | I | | I | | I | | I | | RLB | RLB-MLBO |
| 633 | LTU -23 -23F001C | LTU-23F001C-F01 | DEWAXING FILTER | 6M | | | | I | | | | | | I | | | RLB | RLB-MLBO |
| 634 | LTU -23 -23F001C | LTU-23F001C-VSD | VSD FOR MOTOR DRUMDRIVE 23F001C-1= 7.5kW | 1Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 635 | LTU -23 -23F001C | LTU-23F001CP01-P01 | LUBE OIL PUMP | 2M | I | | I | | I | | I | | I | | I | | RLB | RLB-MLBO |
| 636 | LTU -23 -23F001D | LTU-23F001D-F01 | DEWAXING FILTER | 2M | | I | | I | | I | | I | | I | | I | RLB | RLB-MLBO |
| 637 | LTU -23 -23F001D | LTU-23F001D-VSD | VSD FOR MOTOR DRUMDRIVE 23F001D-1= 7.5kW | 1Y | | I | | | | | | | | | | | RLB | RLB-ELBO |
| 638 | LTU -23 -23F001D | LTU-23F001DP01-P01 | LUBE OIL PUMP | 6M | | I | | | | I | | | | | | | RLB | RLB-MLBO |
| 639 | LTU -23 -23F001E | LTU-23F001E-F01 | DEWAXING FILTER | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 640 | LTU -23 -23F001E | LTU-23F001EP01-P01 | LUBE OIL PUMP | 2M | | I | | I | | I | | I | | I | | I | RLB | RLB-MLBO |
| 641 | LTU -23 -23F001F | LTU-23F001F-VSD | VSD FOR MOTOR DRUMDRIVE 23F001F-1= 7.5kW | 1Y | | | I | | | | | | | | | | RLB | RLB-ELBO |
| 642 | LTU -23 -23H001 | LTU-23H001-H01 | STEAM CHAMBER LIFTER | 1Y | | | | | | | | | | | S | | RLB | RLB-ELBO |
| 643 | LTU -23 -23H001 | LTU-23H001-H01 | STEAM CHAMBER LIFTER | 3M | | | I | | | I | | I | | | | I | RLB | RLB-MLBO |
| 644 | LTU -23 -23H001 | LTU-23H001-M01 | M01 | 1Y | | I | | | | | | | | | | | RLB | RLB-ELBO |
| 645 | LTU -23 -23H002A | LTU-23H002A-H01 | STEAM CHAMBER INTERNAL HOIST | 1Y | | | | I | | | | | | | | | IRI | IRI-INSS |
| 646 | LTU -23 -23H002A | LTU-23H002A-H01 | STEAM CHAMBER INTERNAL HOIST | 3M | | | I | | | I | | | | | | I | RLB | RLB-MLBO |

PREVENTIVE MAINTENANCE YEARLY SCHEDULE
PLANT: LUBE YEAR: 2022

Form No.
Effective Date 29.12.2021
Revision 0

Legend Text : B = Program Back-up C = Calibrate F = Function Test H = Overhaul I = Inspect L = Lubricate M = Strategy Plan P = Preventive Q = Check oil quality
S = Service T = Stand by condition check U = Running condition check V = Verify

| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|------------------|-------------------|------------------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 647 | LTU -23 -23H002B | LTU-23H002B-H01 | STEAM CHAMBER INTERNAL HOIST | 1Y | | | | I | | | | | | | | | IRI | IRI-INSS |
| 648 | LTU -23 -23H002B | LTU-23H002B-H01 | STEAM CHAMBER INTERNAL HOIST | 3M | | | I | | | I | | | I | | I | | RLB | RLB-MLBO |
| 649 | LTU -23 -23H003 | LTU-23H003-H01 | 23K001 CRANE | 6M | | | | I | | | | | | I | | | RLB | RLB-MLBO |
| 650 | LTU -23 -23H003 | LTU-23H003-H01 | 23K001 CRANE | 3M | | | I | | | I | | | I | | | I | RLB | RLB-MLBO |
| 651 | LTU -23 -23K001 | LTU-23K001-K01 | PROPANE COMPRESSOR | 5Y | | P | | | | | | | | | | | CRE | CRE-OHIP |
| 652 | LTU -23 -23K001 | LTU-23K001-K01 | PROPANE COMPRESSOR | 1Y | P | | | | | | | | | | | | CRE | CRE-OHIP |
| 653 | LTU -23 -23K001 | LTU-23K001-K01 | PROPANE COMPRESSOR | 1M | I | I | I | I | I | I | I | I | I | I | I | I | IRI | IRI-INOL |
| 654 | LTU -23 -23K001 | LTU-23K001-PLC | PLC SYSTEM OF 23K001 | 3M | I | | | I | | I | | | I | | | | OCS | OCS-SYS |
| 655 | LTU -23 -23K001 | LTU-23K001-PLC | PLC SYSTEM OF 23K001 | 6M | | | | I | | | | | | I | | | OCS | OCS-SYS |
| 656 | LTU -23 -23K001 | LTU-23K001GOV | EXTRACTION TURBINE GOVERNOR 23K001 | 1Y | | | | | I | | | | | | | | RLB | RLB-ILBO |
| 657 | LTU -23 -23K001 | LTU-23K001P01-M01 | M01 | 3M | | L | | | L | | | L | | | L | | RLB | RLB-ELBO |
| 658 | LTU -23 -23K001 | LTU-23K001P01-M01 | M01 | 5Y | T | | | | | | | | | | | | RLB | RLB-ELBO |
| 659 | LTU -23 -23K001 | LTU-23K001P01-P01 | MAIN LUBE OIL PUMP | 1M | I | I | I | I | I | I | I | I | I | I | I | I | IRI | IRI-INVB |
| 660 | LTU -23 -23K001 | LTU-23K001P01-P01 | MAIN LUBE OIL PUMP | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 661 | LTU -23 -23K001 | LTU-23K001P02-P02 | STANDBY LUBE OIL PUMP | 1M | I | I | I | I | I | I | I | I | I | I | I | I | IRI | IRI-INVB |
| 662 | LTU -23 -23K001 | LTU-23K001P02-P02 | STANDBY LUBE OIL PUMP | 1Y | | | | | | I | | | | | | | RLB | RLB-MLBO |
| 663 | LTU -23 -23K001 | LTU-23K001P02-TB | TURBINE FOR STANDBY LUBE OIL PUMP | 6M | P | | | | | | P | | | | | | CRE | CRE-OHIP |
| 664 | LTU -23 -23K001 | LTU-23K001P02-TB | TURBINE FOR STANDBY LUBE OIL PUMP | 6M | F | | | | | | F | | | | | | CRE | CRE-OHIP |
| 665 | LTU -23 -23K001 | LTU-23K001VIB | VIBRATION SYSTEM OF 23K001 | 1Y | | | | | I | | | | | | | | RLB | RLB-ILBO |
| 666 | LTU -23 -23D005 | LTU-23N001-N01 | WAX RESLURRY MIXER | 2M | | I | | I | | I | | I | | | | | IRI | IRI-INVB |
| 667 | LTU -23 -23D005 | LTU-23N001-N01 | WAX RESLURRY MIXER | 6M | I | | | | | I | | | | | | | RLB | RLB-MLBO |
| 668 | LTU -23 -23D005 | LTU-23N001-N01 | WAX RESLURRY MIXER | 6M | | | | L | | | | | | L | | | RLB | RLB-MLBO |
| 669 | LTU -23 -23D010 | LTU-23N002-N01 | WAX PRODUCT SLURRY MIXER | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 670 | LTU -23 -23D010 | LTU-23N002-N01 | WAX PRODUCT SLURRY MIXER | 6M | I | | | | | I | | | | | | | RLB | RLB-MLBO |
| 671 | LTU -23 -23D010 | LTU-23N002-N01 | WAX PRODUCT SLURRY MIXER | 6M | | | | L | | | | | | L | | | RLB | RLB-MLBO |
| 672 | LTU -23 -23T001 | LTU-23N003-N01 | DEWAXING AID 1 MIXER | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 673 | LTU -23 -23T001 | LTU-23N003-N01 | DEWAXING AID 1 MIXER | 6M | I | | | | | I | | | | | | | RLB | RLB-MLBO |
| 674 | LTU -23 -23T001 | LTU-23N003-N01 | DEWAXING AID 1 MIXER | 6M | | | | L | | | | | | L | | | RLB | RLB-MLBO |
| 675 | LTU -23 -23T002 | LTU-23N004-N01 | DEWAXING AID 2 MIXER | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 676 | LTU -23 -23T002 | LTU-23N004-N01 | DEWAXING AID 2 MIXER | 6M | I | | | | | I | | | | | | | RLB | RLB-MLBO |
| 677 | LTU -23 -23T002 | LTU-23N004-N01 | DEWAXING AID 2 MIXER | 6M | | | | L | | | | | | L | | | RLB | RLB-MLBO |
| 678 | LTU -23 -23P002A | LTU-23P002A-M01 | M01 | 5Y | T | | | | | | | | | | | | RLB | RLB-ELBO |
| 679 | LTU -23 -23P002A | LTU-23P002A-P01 | WAXY SLURRY BOOT PUMP | 1M | I | I | I | I | I | I | I | I | I | I | I | I | IRI | IRI-INVB |
| 680 | LTU -23 -23P002A | LTU-23P002A-P01 | WAXY SLURRY BOOT PUMP | 6M | | I | | | | | | I | | | | | RLB | RLB-MLBO |

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|------|------------------|------------------|------------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 681 | LTU -23 -23P002B | LTU-23P002B-M01 | MD1 | 5Y | T | | | | | | | | | | | | RLB | RLB-ELBO |
| 682 | LTU -23 -23P002B | LTU-23P002B-P01 | WAXY SLURRY BOOT PUMP | 1M | I | I | I | I | I | I | I | I | I | I | I | I | IRI | IRI-INVB |
| 683 | LTU -23 -23P002B | LTU-23P002B-P01 | WAXY SLURRY BOOT PUMP | 6M | | | | I | | | | | | I | | | RLB | RLB-MLBO |
| 684 | LTU -23 -23P002C | LTU-23P002C-M01 | MD1 | 5Y | T | | | | | | | | | | | | RLB | RLB-ELBO |
| 685 | LTU -23 -23P002C | LTU-23P002C-P01 | WAXY SLURRY BOOT PUMP | 1M | I | I | I | I | I | I | I | I | I | I | I | I | IRI | IRI-INVB |
| 686 | LTU -23 -23P002C | LTU-23P002C-P01 | WAXY SLURRY BOOT PUMP | 6M | | | | I | | | | | | I | | | RLB | RLB-MLBO |
| 687 | LTU -23 -23P002D | LTU-23P002D-M01 | MD1 | 5Y | T | | | | | | | | | | | | RLB | RLB-ELBO |
| 688 | LTU -23 -23P002D | LTU-23P002D-P01 | WAXY SLURRY BOOT PUMP | 1M | I | I | I | I | I | I | I | I | I | I | I | I | IRI | IRI-INVB |
| 689 | LTU -23 -23P002D | LTU-23P002D-P01 | WAXY SLURRY BOOT PUMP | 6M | | I | | | | | | I | | | | | RLB | RLB-MLBO |
| 690 | LTU -23 -23P002E | LTU-23P002E-M01 | MD1 | 5Y | T | | | | | | | | | | | | RLB | RLB-ELBO |
| 691 | LTU -23 -23P002E | LTU-23P002E-P01 | WAXY SLURRY BOOT PUMP | 1M | I | I | I | I | I | I | I | I | I | I | I | I | IRI | IRI-INVB |
| 692 | LTU -23 -23P002E | LTU-23P002E-P01 | WAXY SLURRY BOOT PUMP | 6M | | | | | | I | | | | I | | I | RLB | RLB-MLBO |
| 693 | LTU -23 -23P002F | LTU-23P002F-M01 | 23P002F Wax Slurry Boot Pump | 3M | | L | | | L | | | L | | | | L | RLB | RLB-ELBO |
| 694 | LTU -23 -23P002F | LTU-23P002F-P01 | Wax Slurry Boot Pump | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 695 | LTU -23 -23P003A | LTU-23P003A-M01 | MD1 | 4M | | | | | | | L | | | | | | RLB | RLB-ELBO |
| 696 | LTU -23 -23P003A | LTU-23P003A-M01 | MD1 | 1Y | | | L | | | | T | | | | | | RLB | RLB-ELBO |
| 697 | LTU -23 -23P003A | LTU-23P003A-P01 | SECOND STAGE FILTRATE PUMP | 2M | I | | I | | I | I | I | | I | | I | | IRI | IRI-INVB |
| 698 | LTU -23 -23P003A | LTU-23P003A-P01 | SECOND STAGE FILTRATE PUMP | 2M | | I | | I | | I | I | I | | I | | I | RLB | RLB-MLBO |
| 699 | LTU -23 -23P003B | LTU-23P003B-M01 | MD1 | 4M | | | | L | | | | L | | | | L | RLB | RLB-ELBO |
| 700 | LTU -23 -23P003B | LTU-23P003B-M01 | MD1 | 1Y | | | | | | T | | | | | | | RLB | RLB-ELBO |
| 701 | LTU -23 -23P003B | LTU-23P003B-P01 | SECOND STAGE FILTRATE PUMP | 2M | | I | | I | | I | I | I | | I | | I | IRI | IRI-INVB |
| 702 | LTU -23 -23P003B | LTU-23P003B-P01 | SECOND STAGE FILTRATE PUMP | 2M | I | | I | | I | I | I | I | | I | | I | RLB | RLB-MLBO |
| 703 | LTU -23 -23P004A | LTU-23P004A-M01 | MD1 | 1Y | | | | | | | | | | | T | | RLB | RLB-ELBO |
| 704 | LTU -23 -23P004A | LTU-23P004A-M01 | MD1 | 4M | | | L | | | | L | | | | | | RLB | RLB-ELBO |
| 705 | LTU -23 -23P004A | LTU-23P004A-P01 | DVO SOLUTION PUMP | 2M | I | | | I | | I | I | | I | | | | IRI | IRI-INVB |
| 706 | LTU -23 -23P004A | LTU-23P004A-P01 | DVO SOLUTION PUMP | 2M | | I | | I | | I | I | I | | I | | I | RLB | RLB-MLBO |
| 707 | LTU -38C-MCC | LTU-23P004A-SWGR | SWGR | 2Y | | | P | | | | | | | | | | COH | COH-SWRL |
| 708 | LTU -23 -23P004B | LTU-23P004B-M01 | MD1 | 1Y | | | | | | | | | | | T | | RLB | RLB-ELBO |
| 709 | LTU -23 -23P004B | LTU-23P004B-M01 | MD1 | 4M | | | | L | | | | L | | | | L | RLB | RLB-ELBO |
| | | | | | | | | | | | | | | | | | | |

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|------|------------------|--------------------|-------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 715 | LTU -23 -23P005A | LTU-23P005A-P01 | COLD DRY PROPANE PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVb |
| 716 | LTU -23 -23P005A | LTU-23P005A-P01 | COLD DRY PROPANE PUMP | 2M | | I | | I | | I | | I | | I | | I | RLB | RLB-MLBO |
| 717 | LTU -23 -23P005B | LTU-23P005B-M01 | MD1 | 4M | | | | L | | | | L | | | | L | RLB | RLB-ELBO |
| 718 | LTU -23 -23P005B | LTU-23P005B-M01 | MD1 | 1Y | | | | | T | | | | | | | | RLB | RLB-ELBO |
| 719 | LTU -23 -23P005B | LTU-23P005B-P01 | COLD DRY PROPANE PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVb |
| 720 | LTU -23 -23P005B | LTU-23P005B-P01 | COLD DRY PROPANE PUMP | 2M | I | | I | | I | | I | | I | | I | | RLB | RLB-MLBO |
| 721 | LTU -23 -23P006A | LTU-23P006A-M01 | MD1 | 4M | | | L | | | | L | | | | L | | RLB | RLB-ELBO |
| 722 | LTU -23 -23P006A | LTU-23P006A-M01 | MD1 | 1Y | | | | | | T | | | | | | | RLB | RLB-ELBO |
| 723 | LTU -23 -23P006A | LTU-23P006A-P01 | DNO PRODUCT PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVb |
| 724 | LTU -23 -23P006A | LTU-23P006A-P01 | DNO PRODUCT PUMP | 6M | | | | I | | | | | | I | | | RLB | RLB-MLBO |
| 725 | LTU -23 -23P006B | LTU-23P006B-M01 | MD1 | 4M | | | | L | | | | L | | | | L | RLB | RLB-ELBO |
| 726 | LTU -23 -23P006B | LTU-23P006B-M01 | MD1 | 1Y | | | | | T | | | | | | | | RLB | RLB-ELBO |
| 727 | LTU -23 -23P006B | LTU-23P006B-P01 | DNO PRODUCT PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVb |
| 728 | LTU -23 -23P006B | LTU-23P006B-P01 | DNO PRODUCT PUMP | 6M | I | | | | I | | I | | | | | | RLB | RLB-MLBO |
| 729 | LTU -23 -23P007A | LTU-23P007A-M01 | MD1 | 1Y | | | | | | | | T | | | | | RLB | RLB-ELBO |
| 730 | LTU -23 -23P007A | LTU-23P007A-M01 | MD1 | 4M | | | | L | | | | | | | L | | RLB | RLB-ELBO |
| 731 | LTU -38C-MCC | LTU-23P007A-MCC | MCC | 1Y | | | | | | | | | | | P | | OOH | OOH-VSD |
| 732 | LTU -23 -23P007A | LTU-23P007A-P01 | PRODUCT WAX SLURRY PUMP | 1M | I | I | I | I | I | I | I | I | I | I | I | I | IRI | IRI-INVb |
| 733 | LTU -23 -23P007A | LTU-23P007A-P01 | PRODUCT WAX SLURRY PUMP | 6M | | I | | | | | | I | | | | | RLB | RLB-MLBO |
| 734 | LTU -23 -23P007A | LTU-23P007AP01-M01 | MD1 | 1Y | | | | | | | | T | | | | | RLB | RLB-ELBO |
| 735 | LTU -23 -23P007B | LTU-23P007B-M01 | MD1 | 1Y | | | | | | | | L | | | | | RLB | RLB-ELBO |
| 736 | LTU -38C-MCC | LTU-23P007B-MCC | MCC | 1Y | | | | | | I | | | | | | | RLB | RLB-ELBO |
| 737 | LTU -23 -23P007B | LTU-23P007B-P01 | PRODUCT WAX SLURRY PUMP | 1M | I | I | I | I | I | I | I | I | I | I | I | I | IRI | IRI-INVb |
| 738 | LTU -23 -23P007B | LTU-23P007B-P01 | PRODUCT WAX SLURRY PUMP | 6M | | | I | | | | | | | I | | | RLB | RLB-MLBO |
| 739 | LTU -23 -23P007B | LTU-23P007BP01-M01 | MD1 | 1Y | | | | | | | | | T | | | | RLB | RLB-ELBO |
| 740 | LTU -23 -23P007C | LTU-23P007C-M01 | MD1 | 1Y | | | | | | | | | | T | | | OOH | OOH-VSD |
| 741 | LTU -23 -23P007C | LTU-23P007C-M01 | MD1 | 1Y | T | | | | | | | | | | | | RLB | RLB-ELBO |
| 742 | LTU -23 -23P007C | LTU-23P007C-M01 | MD1 | 3M | L | | | L | | | L | | | L | | | RLB | RLB-ELBO |
| 743 | LTU -23 -23P007C | LTU-23P007C-P01 | PRODUCT WAX SLURRY PUMP | 1M | I | I | I | I | I | I | I | I | I | I | I | I | IRI | IRI-INVb |
| 744 | LTU -23 -23P007C | LTU-23P007C-P01 | PRODUCT WAX SLURRY PUMP | 6M | | | | I | | | | | | I | | | RLB | RLB-MLBO |

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|------|------------------|------------------|-------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 749 | LTU -38C-MCC | LTU-23P008A-MCC | MCC | 1Y | | | | | | I | | | | | | | RLB | RLB-ELBO |
| 750 | LTU -23 -23P008A | LTU-23P008A-P01 | WAX LP FLASH PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 751 | LTU -23 -23P008A | LTU-23P008A-P01 | WAX LP FLASH PUMP | 6M | | | | I | | | | | | I | | | RLB | RLB-MLBO |
| 752 | LTU -38C-MCC | LTU-23P008B-MCC | MCC | 1Y | | | | | I | | | | | | | | RLB | RLB-ELBO |
| 753 | LTU -23 -23P008B | LTU-23P008B-P01 | WAX LP FLASH PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 754 | LTU -23 -23P008B | LTU-23P008B-P01 | WAX LP FLASH PUMP | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 755 | LTU -23 -23P009A | LTU-23P009A-MD1 | MD1 | 4M | | | L | | | | L | | | | L | | RLB | RLB-ELBO |
| 756 | LTU -23 -23P009A | LTU-23P009A-MD1 | MD1 | 1Y | | | | | | T | | | | | | | RLB | RLB-ELBO |
| 757 | LTU -23 -23P009A | LTU-23P009A-P01 | WAX / KERO PRODUCT PUMP | 6M | | | | I | | | | | | I | | | RLB | RLB-MLBO |
| 758 | LTU -23 -23P009B | LTU-23P009B-MD1 | MD1 | 4M | | | | L | | | | L | | | | L | RLB | RLB-ELBO |
| 759 | LTU -23 -23P009B | LTU-23P009B-MD1 | MD1 | 1Y | | | | | T | | | | | | | | RLB | RLB-ELBO |
| 760 | LTU -23 -23P009B | LTU-23P009B-P01 | WAX / KERO PRODUCT PUMP | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 761 | LTU -23 -23P010A | LTU-23P010A-MD1 | MD1 | 1Y | | | | | | | | | | | | T | RLB | RLB-ELBO |
| 762 | LTU -23 -23P010A | LTU-23P010A-MD1 | MD1 | 4M | | | L | | | | L | | | | | | RLB | RLB-ELBO |
| 763 | LTU -23 -23P010A | LTU-23P010A-P01 | DILUTION PROPANE PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 764 | LTU -23 -23P010A | LTU-23P010A-P01 | DILUTION PROPANE PUMP | 6M | | | | I | | | | | | I | | | RLB | RLB-MLBO |
| 765 | LTU -38C-MCC | LTU-23P010A-SMGR | SMGR | 2Y | | P | | | | | | | | | | | COH | COH-SMRL |
| 766 | LTU -23 -23P010B | LTU-23P010B-MD1 | MD1 | 1Y | | | | | | T | | | | | | | RLB | RLB-ELBO |
| 767 | LTU -23 -23P010B | LTU-23P010B-MD1 | MD1 | 4M | | | | L | | | | L | | | | L | RLB | RLB-ELBO |
| 768 | LTU -23 -23P010B | LTU-23P010B-P01 | DILUTION PROPANE PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 769 | LTU -23 -23P010B | LTU-23P010B-P01 | DILUTION PROPANE PUMP | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 770 | LTU -38C-MCC | LTU-23P010B-SMGR | SMGR | 2Y | P | | | | | | | | | | | | COH | COH-SMRL |
| 771 | LTU -23 -23P011A | LTU-23P011A-MD1 | MD1 | 4M | | | L | | | | L | | | | | L | RLB | RLB-ELBO |
| 772 | LTU -23 -23P011A | LTU-23P011A-MD1 | MD1 | 1Y | | | | | | T | | | | | | | RLB | RLB-ELBO |
| 773 | LTU -23 -23P011A | LTU-23P011A-P01 | VACUUM CONDENSATE PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 774 | LTU -23 -23P011A | LTU-23P011A-P01 | VACUUM CONDENSATE PUMP | 6M | | | | | | | | | | I | | | RLB | RLB-MLBO |
| 775 | LTU -23 -23P011B | LTU-23P011B-MD1 | MD1 | 4M | | | | L | | | | L | | | | L | RLB | RLB-ELBO |
| 776 | LTU -23 -23P011B | LTU-23P011B-MD1 | MD1 | 1Y | | | | | T | | | | | | | | RLB | RLB-ELBO |
| 777 | LTU -23 -23P011B | LTU-23P011B-P01 | VACUUM CONDENSATE PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 778 | LTU -23 -23P011B | LTU-23P011B-P01 | VACUUM CONDENSATE PUMP | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 779 | LTU -23 -23P012 | LTU-23P012-MD1 | MD1 | 3M | | L | | | L | | | L | | | | L | RLB | RLB-ELBO |
| 780 | LTU -23 -23P012 | LTU-23P012-MD1 | MD1 | 1Y | T | | | | | | | | | | | | RLB | RLB-ELBO |
| 781 | LTU -23 -23P012 | LTU-23P012-P01 | EJECTOR CONDENSATE PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 782 | LTU -23 -23P012 | LTU-23P012-P01 | EJECTOR CONDENSATE PUMP | 6M | | | | I | | | | | | I | | | RLB | RLB-MLBO |

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|------------------|-----------------|----------------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 783 | LTU -38C-MCC | LTU-23P013A-MCC | MCC | 1Y | | | | I | | | | | | | | | RLB | RLB-ELBO |
| 784 | LTU -23 -23P013A | LTU-23P013A-P01 | SLOP OIL PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 785 | LTU -23 -23P013A | LTU-23P013A-P01 | SLOP OIL PUMP | 6M | | | | I | | | | | | I | | | RLB | RLB-MLBO |
| 786 | LTU -38C-MCC | LTU-23P013B-MCC | MCC | 1Y | | | | | I | | | | | | | | RLB | RLB-ELBO |
| 787 | LTU -23 -23P013B | LTU-23P013B-P01 | SLOP OIL PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 788 | LTU -23 -23P013B | LTU-23P013B-P01 | SLOP OIL PUMP | 6M | | | | | | | | | | | I | | RLB | RLB-MLBO |
| 789 | LTU -38C-MCC | LTU-23P014A-MCC | MCC | 1Y | | | | | | I | | | | | | | RLB | RLB-ELBO |
| 790 | LTU -23 -23P014A | LTU-23P014A-P01 | KEROSENE CIRCULATION PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 791 | LTU -23 -23P014A | LTU-23P014A-P01 | KEROSENE CIRCULATION PUMP | 6M | | I | | | | | | I | | | | | RLB | RLB-MLBO |
| 792 | LTU -38C-MCC | LTU-23P014B-MCC | MCC | 1Y | | | | | I | | | | | | | | RLB | RLB-ELBO |
| 793 | LTU -23 -23P014B | LTU-23P014B-P01 | KEROSENE CIRCULATION PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 794 | LTU -23 -23P014B | LTU-23P014B-P01 | KEROSENE CIRCULATION PUMP | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 795 | LTU -38C-MCC | LTU-23P015A-MCC | MCC | 1Y | | | | | | I | | | | | | | RLB | RLB-ELBO |
| 796 | LTU -23 -23P015A | LTU-23P015A-P01 | DEWAXING AID 1 PUMP | 6M | | I | | | | | | I | | | | | RLB | RLB-MLBO |
| 797 | LTU -38C-MCC | LTU-23P015B-MCC | MCC | 1Y | | | | | I | | | | | | | | RLB | RLB-ELBO |
| 798 | LTU -23 -23P015B | LTU-23P015B-P01 | DEWAXING AID 1 PUMP | 6M | | | | | I | | | | | | I | | RLB | RLB-MLBO |
| 799 | LTU -38C-MCC | LTU-23P016A-MCC | MCC | 1Y | | | | | | I | | | | | | | RLB | RLB-ELBO |
| 800 | LTU -23 -23P016A | LTU-23P016A-P01 | DEWAXING AID 2 PUMP | 6M | | I | | | | | | I | | | | | RLB | RLB-MLBO |
| 801 | LTU -38C-MCC | LTU-23P016B-MCC | MCC | 1Y | | | | | I | | | | | | | | RLB | RLB-ELBO |
| 802 | LTU -23 -23P016B | LTU-23P016B-P01 | DEWAXING AID 2 PUMP | 6M | | | | | I | | | | | | I | | RLB | RLB-MLBO |
| 803 | LTU -38C-MCC | LTU-23P017A-MCC | MCC | 1Y | | | | | | I | | | | | | | RLB | RLB-ELBO |
| 804 | LTU -23 -23P017A | LTU-23P017A-P01 | METHANOL INJECTION PUMP | 6M | | I | | | | | | I | | | | | RLB | RLB-MLBO |
| 805 | LTU -38C-MCC | LTU-23P017B-MCC | MCC | 1Y | | | | | I | | | | | | | | RLB | RLB-ELBO |
| 806 | LTU -23 -23P017B | LTU-23P017B-P01 | METHANOL INJECTION PUMP | 6M | | | | | I | | | | | | I | | RLB | RLB-MLBO |
| 807 | LTU -38C-MCC | LTU-23P018A-MCC | MCC | 1Y | | | | | | I | | | | | | | RLB | RLB-ELBO |
| 808 | LTU -23 -23P018A | LTU-23P018A-P01 | DIRTY KERO PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 809 | LTU -23 -23P018A | LTU-23P018A-P01 | DIRTY KERO PUMP | 6M | | | | I | | | | | | I | | | RLB | RLB-MLBO |
| 810 | LTU -38C-MCC | LTU-23P018B-MCC | MCC | 1Y | | | | | I | | | | | | | | RLB | RLB-ELBO |
| 811 | LTU -23 -23P018B | LTU-23P018B-P01 | DIRTY KERO PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 812 | LTU -23 -23P018B | LTU-23P018B-P01 | DIRTY KERO PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 813 | LTU -23 -23P018B | LTU-23P018B-P01 | DIRTY KERO PUMP | 6M | | | | | I | | | | | | I | | RLB | RLB-MLBO |
| 814 | LTU -23 -23P019A | LTU-23P019A-MD1 | MD1 | 6M | | | | | L | | | | | | L | | RLB | RLB-ELBO |
| 815 | LTU -23 -23P019A | LTU-23P019A-MD1 | MD1 | 1Y | | | | | | T | | | | | | | RLB | RLB-ELBO |
| 816 | LTU -23 -23P019A | LTU-23P019A-P01 | FLARE KNOCK OUT DRUM LIQUID PUMP | 6M | | I | | | | | | I | | | | | RLB | RLB-MLBO |

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|------|-------------------|-----------------|-----------------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 817 | LTU -23 -23P019B | LTU-23P019B-M01 | M01 | 6M | | | | | | L | | | | | | L | RLB | RLB-ELBO |
| 818 | LTU -23 -23P019B | LTU-23P019B-M01 | M01 | 1Y | | | | | T | | | | | | | | RLB | RLB-ELBO |
| 819 | LTU -23 -23P019B | LTU-23P019B-P01 | FLARE KNOCK OUT DRUM LIQUID PUMP | 6M | | | I | | | | | | I | | | | RLB | RLB-MBO |
| 820 | LTU -23 -23T003 | LTU-23T003-T01 | Receiving Dewaxing Aid Tank | 5Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 821 | LTU -23 -23T004 | LTU-23T004-T01 | Receiving Dewaxing Aid Tank | 5Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 822 | LTU -23 -23X001 | LTU-23X001-X01 | STEAM TURBINE | 6M | P | | | | | | P | | | | | | CRE | CRE-OHIP |
| 823 | LTU -38C-61MTR101 | LTU-61MTR101 | 61MTR101 | 1Y | | | | | | | | | | | Q | | COH | COH-TRTL |
| 824 | LTU -38C-61MTR101 | LTU-61MTR101 | 61MTR101 | 2W | I | I | I | I | I | I | I | I | I | I | I | I | RLB | RLB-ELBO |
| 825 | LTU -38C-MCC | LTU-61P201A-MCC | MCC | 1Y | | I | | | | | | | | | | | RLB | RLB-ELBO |
| 826 | LTU -61 -61P201A | LTU-61P201A-P01 | CONTAMINATED WATER FEED PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 827 | LTU -61 -61P201A | LTU-61P201A-P01 | CONTAMINATED WATER FEED PUMP | 2M | | I | | I | | I | | I | | I | | I | RLB | RLB-MBO |
| 828 | LTU -38C-MCC | LTU-61P201B-MCC | MCC | 1Y | | | I | | | | | | | | | | RLB | RLB-ELBO |
| 829 | LTU -61 -61P201B | LTU-61P201B-P01 | CONTAMINATED WATER FEED PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 830 | LTU -61 -61P201B | LTU-61P201B-P01 | CONTAMINATED WATER FEED PUMP | 2M | I | | I | | I | | I | | I | | I | | RLB | RLB-MBO |
| 831 | LTU -61 -61P202A | LTU-61P202A-M01 | M01 | 1Y | | I | | | | | | | | | | | RLB | RLB-ELBO |
| 832 | LTU -61 -61P202A | LTU-61P202A-P01 | TREATED WATER PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 833 | LTU -61 -61P202A | LTU-61P202A-P01 | TREATED WATER PUMP | 2M | | I | | I | | I | | I | | I | | I | RLB | RLB-MBO |
| 834 | LTU -38C-MCC | LTU-61P202B-MCC | MCC | 1Y | | | I | | | | | | | | | | RLB | RLB-ELBO |
| 835 | LTU -61 -61P202B | LTU-61P202B-P01 | TREATED WATER PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 836 | LTU -61 -61P202B | LTU-61P202B-P01 | TREATED WATER PUMP | 2M | I | | I | | I | | I | | I | | I | | RLB | RLB-MBO |
| 837 | LTU -61 -61P203A | LTU-61P203A-M01 | M01 | 1Y | | T | | | | | | | | | | | RLB | RLB-ELBO |
| 838 | LTU -61 -61P203A | LTU-61P203A-P01 | RECOVERED OIL T/R PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 839 | LTU -61 -61P203A | LTU-61P203A-P01 | RECOVERED OIL T/R PUMP | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MBO |
| 840 | LTU -61 -61P203B | LTU-61P203B-M01 | M01 | 1Y | | | T | | | | | | | | | | RLB | RLB-ELBO |
| 841 | LTU -61 -61P203B | LTU-61P203B-P01 | RECOVERED OIL T/R PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 842 | LTU -61 -61P203B | LTU-61P203B-P01 | RECOVERED OIL T/R PUMP | 2M | L | | L | | L | | L | | L | | L | | RLB | RLB-MBO |
| 843 | LTU -61 -61P204 | LTU-61P204-P01 | TRANSFER WATER PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 844 | LTU -61 -61P204 | LTU-61P204-P01 | TRANSFER WATER PUMP | 6M | I | | | | | | I | | | | | | RLB | RLB-MBO |
| 845 | LTU -61 -61P205 | LTU-61P205-M01 | M01 | 1Y | | I | | | | | | | | | | | RLB | RLB-ELBO |
| 846 | LTU -61 -61P205 | LTU-61P205-P01 | TRANSFER WATER PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 847 | LTU -61 -61P205 | LTU-61P205-P01 | TRANSFER WATER PUMP | 6M | I | | | | | | I | | | | | | RLB | RLB-MBO |
| 848 | LTU -61 -61D102 | LTU-65PSV610001 | PRESSURE RELIEF DEVICE FOR 61D102 | 5Y | | | I | | | | | | | | | | RLB | RLB-MQOR |
| 849 | LTU -22 -22E007 | LTU-AC22E007B1 | AC DRIVE FOR AC22E007B1 | 1Y | | | | | | | | | | | | P | RLB | RLB-ELBO |
| 850 | LTU -22 -22E007 | LTU-AC22E007B1 | AC DRIVE FOR AC22E007B1 | 1Y | | | | | I | | | | | | | | RLB | RLB-ELBO |

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| 851 | LTU -22 -22E007 | LTU-AC22E007B2 | AC DRIVE FOR AC22E007B2 | 1Y | | | | | | | | | | | | P | RLB | RLB-ELBO |
| 852 | LTU -22 -22E007 | LTU-AC22E007B2 | AC DRIVE FOR AC22E007B2 | 1Y | | | | | | I | | | | | | | RLB | RLB-ELBO |
| 853 | LTU -23 -23P007A | LTU-AC23P007A | AC DRIVE FOR 23P007A | 1Y | | | | | | | | | | P | | | COH | COH-VSD |
| 854 | LTU -23 -23P007A | LTU-AC23P007A | AC DRIVE FOR 23P007A | 3M | | I | | | I | | | I | | | I | | COH | COH-VSD |
| 855 | LTU -23 -23P007C | LTU-AC23P007C | AC DRIVE FOR 23P007C | 1Y | | | | | | | | | | P | | | COH | COH-VSD |
| 856 | LTU -23 -23P007C | LTU-AC23P007C | AC DRIVE FOR 23P007C | 3M | | I | | | I | | | I | | | I | | COH | COH-VSD |
| 857 | LTU -23 -23P015A | LTU-AC23P015A | AC DRIVE FOR 23P015A | 1Y | | | | | | | | | | | | P | RLB | RLB-ELBO |
| 858 | LTU -23 -23P015A | LTU-AC23P015A | AC DRIVE FOR 23P015A | 1Y | | | | | | | | I | | | | | RLB | RLB-ELBO |
| 859 | LTU -23 -23P015B | LTU-AC23P015B | AC DRIVE FOR 23P015B | 1Y | | | | | | | | | | | | P | RLB | RLB-ELBO |
| 860 | LTU -23 -23P015B | LTU-AC23P015B | AC DRIVE FOR 23P015B | 1Y | | | | | | | I | | | | | | RLB | RLB-ELBO |
| 861 | LTU -23 -23P016A | LTU-AC23P016A | AC DRIVE FOR 23P016A | 1Y | | | | | | | | | | | | P | RLB | RLB-ELBO |
| 862 | LTU -23 -23P016A | LTU-AC23P016A | AC DRIVE FOR 23P016A | 1Y | | | | | | | | I | | | | | RLB | RLB-ELBO |
| 863 | LTU -23 -23P016B | LTU-AC23P016B | AC DRIVE FOR 23P016B | 1Y | | | | | | | | | | | | P | RLB | RLB-ELBO |
| 864 | LTU -23 -23P016B | LTU-AC23P016B | AC DRIVE FOR 23P016B | 1Y | | | | | | | I | | | | | | RLB | RLB-ELBO |
| 865 | LTU -22 -QMI_LIQ | LTU-AI2201 | NMP AIC2201 | 1M | I | I | I | I | I | I | I | I | I | I | I | I | CAN | CAN-Q25 |
| 866 | LTU -22 -QMI_LIQ | LTU-AI2201 | NMP AIC2201 | 3M | | | V | | | V | | | V | | | V | CAN | CAN-Q25 |
| 867 | LTU -22 -QMI_GAS | LTU-AI2203 | OXYGEN ANALYZER OF 22B001 | 1M | V | V | V | V | V | V | V | V | V | V | V | V | CAN | CAN-Q25 |
| 868 | LTU -22 -QMI_GAS | LTU-AI2251 | OXYGEN AI2251 | 1M | V | V | V | V | V | V | V | V | V | V | V | V | CAN | CAN-Q25 |
| 869 | LTU -22 -QMI_CEMS | LTU-AI2252 | CEMs AI2252 | 1M | I | I | I | I | I | I | I | I | I | I | I | I | CAN | CAN-Q25 |
| 870 | LTU -22 -QMI_CEMS | LTU-AI2252 | CEMs AI2252 | 1M | V | V | V | V | V | V | V | V | V | V | V | V | CAN | CAN-Q25 |
| 871 | LTU -22 -QMI_CEMS | LTU-AI2253 | OPACITY AI2253 | 1M | I | I | I | I | I | I | I | I | I | I | I | I | CAN | CAN-Q25 |
| 872 | LTU -22 -QMI_CEMS | LTU-AI2253 | OPACITY AI2253 | 1M | V | V | V | V | V | V | V | V | V | V | V | V | CAN | CAN-Q25 |
| 873 | LTU -22 -QMI_LIQ | LTU-AI2271 | IR ANALYZER AI2271 | 1M | F | F | F | F | F | F | F | F | F | F | F | F | CAN | CAN-Q25 |
| 874 | LTU -22 -QMI_LIQ | RI AI2271A | RI AI2271A | 5M | | | | V | | | | | V | | | | CAN | CAN-Q25 |
| 875 | LTU -22 -QMI_LIQ | RI AI2271B | RI AI2271B | 5M | | | | | V | | | | | V | | | CAN | CAN-Q25 |
| 876 | LTU -22 -QMI_LIQ | RI AI2271C | RI AI2271C | 5M | V | | | | | V | | | | | V | | CAN | CAN-Q25 |
| 877 | LTU -22 -QMI_LIQ | RI AI2271D | RI AI2271D | 5M | | V | | | | | V | | | | | V | CAN | CAN-Q25 |
| 878 | LTU -22 -QMI_LIQ | RI AI2271E | RI AI2271E | 5M | | | V | | | | | V | | | | | CAN | CAN-Q25 |
| 879 | LTU -22 -QMI_LIQ | LTU-AI2272 | IR ANALYZER AI2272 | 1M | F | F | F | F | F | F | F | F | F | F | F | F | CAN | CAN-Q25 |
| 880 | LTU -22 -QMI_LIQ | RI AI2272A | RI AI2272A | 5M | | | | V | | | | | V | | | | CAN | CAN-Q25 |
| 881 | LTU -22 -QMI_LIQ | RI AI2272B | RI AI2272B | 5M | | | | | V | | | | | V | | | CAN | CAN-Q25 |
| 882 | LTU -22 -QMI_LIQ | RI AI2272C | RI AI2272C | 5M | V | | | | | V | | | | | V | | CAN | CAN-Q25 |
| 883 | LTU -22 -QMI_LIQ | RI AI2272D | RI AI2272D | 5M | | V | | | | | V | | | | | V | CAN | CAN-Q25 |
| 884 | LTU -22 -QMI_LIQ | RI AI2272E | RI AI2272E | 5M | | | V | | | | | V | | | | | CAN | CAN-Q25 |

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|------|---------------------|--------------------|---|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 885 | LTU -23 -QMI_LIQ | LTU-AI2302 | FOUR POINT AI2302 | 1M | | | | | | | | | | | | | CAN | CAN-Q25 |
| 886 | LTU -23 -QMI_LIQ | LTU-AI2302 | FOUR POINT AI2302 | 3M | V | | | | | | V | | | V | | | CAN | CAN-Q25 |
| 887 | LTU -BDG-AIR | LTU-AIR-COND | AIR CONDITIONS MCC PROCESS LUBE | 3M | | | | P | | | | | | | | | RLB | RLB-ELBO |
| 888 | LTU -22 -QMI_GAS | LTU-AT22220 | OXYGEN AT22220 | 1M | V | V | V | V | V | V | V | V | V | V | V | V | CAN | CAN-Q25 |
| 889 | LTU -STR-BUILDING | LTU-BDG-23K003 | BUILDING STRUCTURE FOR 22K003A/B | 6Y | | | | I | | | | | | | | | ENE | ENE-ENOS |
| 890 | LTU -STR-BUILDING | LTU-BDG-A-22C006-8 | BUILDING STEEL STRUCTURE A (22C006/7/8) | 6Y | | | | I | | | | | | | | | ENE | ENE-ENOS |
| 891 | LTU -STR-BUILDING | LTU-BDG-B-22D001 | BUILDING STEEL STRUCTURE B (22D001) | 6Y | | | | I | | | | | | | | | ENE | ENE-ENOS |
| 892 | LTU -STR-BUILDING | LTU-BDG-C-22C002 | BUILDING STEEL STRUCTURE C (22C002) | 6Y | | | | I | | | | | | | | | ENE | ENE-ENOS |
| 893 | LTU -STR-BUILDING | LTU-BDG-D-22D010 | BUILDING STEEL STRUCTURE D (22D010) | 6Y | | | | I | | | | | | | | | ENE | ENE-ENOS |
| 894 | LTU -STR-BUILDING | LTU-BDG-E-22R001 | BUILDING STEEL STRUCTURE E (22R001) | 6Y | | | | I | | | | | | | | | ENE | ENE-ENOS |
| 895 | LTU -STR-BUILDING | LTU-BDG-H-PDU | BUILDING STRUCTURE H (PDU VACUUM) | 6Y | | | | I | | | | | | | | | ENE | ENE-ENOS |
| 896 | LTU -STR-BUILDING | LTU-BDG-J-23D002 | BUILDING STRUCTURE J (23D002/4/5/12) | 6Y | | | | I | | | | | | | | | ENE | ENE-ENOS |
| 897 | LTU -STR-BUILDING | LTU-BDG-L-23D017 | BUILDING STEEL STRUCTURE L (23D017) | 6Y | | | | I | | | | | | | | | ENE | ENE-ENOS |
| 898 | LTU -STR-BUILDING | LTU-BDG-PDU-DBMAX | BUILDING PDU DBMAXING FILTER | 6Y | | | | I | | | | | | | | | ENE | ENE-ENOS |
| 899 | LTU -STR-BUILDING | LTU-BDG-R-22K001-2 | BUILDING STRUCTURE R (22K001/2A/B) | 6Y | | | | I | | | | | | | | | ENE | ENE-ENOS |
| 900 | LTU -STR-BUILDING | LTU-BDG-STEAM-CHAM | BUILDING STEAM CHAMBER | 6Y | | | | I | | | | | | | | | ENE | ENE-ENOS |
| 901 | LTU -STR-BUILDING | LTU-BDG-T-23K001 | BUILDING STRUCTURE T (23K001) | 6Y | | | | I | | | | | | | | | ENE | ENE-ENOS |
| 902 | LTU -CCR-DCS | LTU-DCS | DCS SYSTEM LTU AREA | 3M | | | | I | | | I | | | | | | OCS | OCS-SYS |
| 903 | LTU -CCR-DCS | LTU-DCS | DCS SYSTEM LTU AREA | 6M | | | | I | | | | | | I | | | OCS | OCS-SYS |
| 904 | LTU -CCR-DCS | LTU-DCS | DCS SYSTEM LTU AREA | 3M | | | | U | | | U | | | U | | | OCS | OCS-SYS |
| 905 | LTU -00 -FIRE_ALARM | LTU-FAL-PB | SCE FAL-PB | 3M | I | | | I | | | I | | | I | | | RLB | RLB-ELBO |
| 906 | LTU -22 -22K001A | LTU-FSLL2281A | FLOW S/W OF 22K001A OUTLET | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 907 | LTU -22 -22K001B | LTU-FSLL2281B | FLOW S/W OF 22K001B OUTLET | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 908 | LTU -22 -22K002A | LTU-FSLL2293A | FLOW S/W WATER TEMPED RETURN 22K002A | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 909 | LTU -22 -22K002B | LTU-FSLL2293B | FLOW S/W WATER TEMPED RETURN 22K002B | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 910 | LTU -22 -22K003A | LTU-FSLL2295A | FLOW S/W OF 22K003A OUTLET | 1Y | | | | | F | | | | | | | | RLB | RLB-ILBO |
| 911 | LTU -22 -22K003B | LTU-FSLL2295B | FLOW S/W OF 22K003B OUTLET | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 912 | LTU -61 -FLOW | LTU-FT0001 | FLOW D/P TRANS STEAM FLUID3 VDU/DAU SSH | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 913 | LTU -61 -FLOW | LTU-FT0003 | FLOW D/P TRANS CPL U/T PLANT CPL TO | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 914 | LTU -61 -FLOW | LTU-FT0051 | FLOW D/P TRANS OF 35 BAR STEAM | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 915 | LTU -22 | | | | | | | | | | | | | | | | | |

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|------|------------------|---------------|--|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 919 | LTU -22 -FLOW | LTU-F22207 | FLOW D/P TRANS NMP 22E002 START UP | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 920 | LTU -22 -FLOW | LTU-F22208 | FLOW D/P TRANS EXTRACT SOLUTION | 1Y | V | | | | | | | | V | | | | RLB | RLB-ILBO |
| 921 | LTU -22 -FLOW | LTU-F22208 | FLOW D/P TRANS EXTRACT SOLUTION | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 922 | LTU -22 -22B001 | LTU-F22211 | FLOW D/P TRANS EXTR SOLUTION 22B001 | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 923 | LTU -22 -22B001 | LTU-F22212 | FLOW D/P TRANS EXTR SOLUTION 22B001 | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 924 | LTU -22 -22C002 | LTU-F22213 | FLOW D/P TRANS EXTRACT SOL 22C002 INLET | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 925 | LTU -22 -22C002 | LTU-F22214 | FLOW D/P TRANS STRIP GAS 22C002 INLET | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 926 | LTU -22 -22C002 | LTU-F22215 | FLOW D/P TRANS OIL 22C002 INLET | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 927 | LTU -22 -FLOW | LTU-F22216 | FLOW D/P TRANS EXTRACT SOL TO STORAGE | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 928 | LTU -22 -FLOW | LTU-F22217 | FLOW D/P TRANS EXTRACT SOLUTION RECYCLE | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 929 | LTU -22 -FLOW | LTU-F22218 | FLOW D/P TRANS FUEL GAS FROM 22D012 | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 930 | LTU -22 -22B001 | LTU-F22219 | P/D METER FUEL OIL FUEL OIL TO BURNER | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 931 | LTU -22 -22B001 | LTU-F22220 | P/D METER FUEL OIL FUEL OIL RETURN | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 932 | LTU -22 -FLOW | LTU-F22221 | FLOW D/P TRANS STEAM STEAM TO BURNER | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 933 | LTU -22 -22C001 | LTU-F22224 | FLOW D/P TRANS RAFF 22C001 OWH | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 934 | LTU -22 -22C003 | LTU-F22227 | FLOW D/P TRANS RAFFINAT SOL 22C003 INLET | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 935 | LTU -22 -22C003 | LTU-F22228 | FLOW D/P TRANS STRIP GAS 22C003 INLET | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 936 | LTU -22 -FLOW | LTU-F22229 | FLOW D/P TRANS RAFFINAT 22E014B INLET | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 937 | LTU -22 -22B002A | LTU-F22230 | FLOW D/P TRANS FUEL GAS BURNER 22B002A/B | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 938 | LTU -22 -FLOW | LTU-F22231 | FLOW D/P TRANS NITROGEN NL TO 22D003 | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 939 | LTU -22 -FLOW | LTU-F22232 | FLOW D/P TRANS STRIP GAS TO 22D003 | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 940 | LTU -22 -22K002A | LTU-F22233 | FLOW D/P TRANS TREAT GAS 22K002A SUCTION | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 941 | LTU -22 -22K002B | LTU-F22234 | FLOW D/P TRANS TREAT GAS 22K002B SUCTION | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 942 | LTU -22 -22K002A | LTU-F22235 | FLOW D/P TRANS TREAT GAS 22K002A/B DISCH | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 943 | LTU -22 -FLOW | LTU-F22236 | FLOW D/P TRANS WATER WASH TO 22E019 | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 944 | LTU -22 -FLOW | LTU-F22237 | FLOW D/P TRANS LEAN DEA 22P008A/B DISCH | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 945 | LTU -22 -FLOW | LTU-F22238 | FLOW D/P TRANS TAIL GAS 22C006 OWH | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 946 | LTU -22 -22C004 | LTU-F22239 | FLOW D/P TRANS STEAM STEAM TO 22C004 | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 947 | LTU -22 -22C004 | LTU-F22240 | D/P FLOW TRANSMITTER | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 948 | LTU -22 -FLOW | LTU-F22241 | FLOW D/P TRANS RAFFINAT TO STORAGE | 1Y | V | | | | | | | | | | | | | |

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|------|------------------|---------------|--|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 953 | LTU -22 -FLOW | LTU-FT2247 | FLOW D/P TRANS BFW 22E011A/B INLET | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 954 | LTU -22 -22D018 | LTU-FT2248 | FLOW D/P TRANS BOILER FEED 22D018 IN | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 955 | LTU -22 -22B001 | LTU-FT2249 | FLOW D/P TRANS STEAM STEAM TO 22B001 | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 956 | LTU -22 -FLOW | LTU-FT2251 | FLOW D/P TRANS NMP 22P013 DISCH | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 957 | LTU -22 -FLOW | LTU-FT2252 | FLOW D/P TRANS FUEL GAS 22D012 INLET | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 958 | LTU -22 -FLOW | LTU-FT2253 | FLOW D/P TRANS NMP 22P011 DISCH | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 959 | LTU -22 -FLOW | LTU-FT2254 | FLOW D/P TRANS NITROGEN NL TO 22R003 | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 960 | LTU -22 -FLOW | LTU-FT2255 | FLOW D/P TRANS DEMI WATER 22E026 INLET | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 961 | LTU -22 -FLOW | LTU-FT2257 | FLOW ROTA METER WET NMP 22E022 INLET | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 962 | LTU -22 -22C007 | LTU-FT2258 | FLOW ROTA METER NMP 22C007 INLET | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 963 | LTU -22 -FLOW | LTU-FT2259 | ROTA METER SOUR WATER 22P009 DISCH | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 964 | LTU -22 -FLOW | LTU-FT2260 | FLOW D/P TRANS WET NMP 22P017 DISCH | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 965 | LTU -22 -FLOW | LTU-FT2261 | FLOW D/P TRANS WET NMP 22E022 INLET | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 966 | LTU -22 -FLOW | LTU-FT2263 | FLOW D/P TRANS TREAT GAS 22D005 INLET | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 967 | LTU -23 -FLOW | LTU-FT2301 | FLOW D/P TRANS WAXY OIL FEED TO 23Z001 | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 968 | LTU -23 -23D003A | LTU-FT2302 | FLOW D/P TRANS DILUTE PROPANE 23D003A/B | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 969 | LTU -23 -23D003A | LTU-FT2303 | FLOW D/P TRANS PROPANE GAS TO 23D003A/B | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 970 | LTU -23 -23D003A | LTU-FT2304 | FLOW D/P TRANS PROPANE 23D003A/B OUTLET | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 971 | LTU -23 -23D003A | LTU-FT2305 | FLOW D/P TRANS PROPANE DRY TO 23D003A/B | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 972 | LTU -23 -FLOW | LTU-FT2306 | FLOW D/P TRANS OIL/PROPANE 23F001A INLET | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 973 | LTU -23 -FLOW | LTU-FT2307 | FLOW D/P TRANS PROPANE 23F001A INLET | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 974 | LTU -23 -FLOW | LTU-FT2308 | FLOW D/P TRANS PROPANE DRY TO 23F001A | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 975 | LTU -23 -FLOW | LTU-FT2309 | FLOW D/P TRANS OIL/PROPANE 23F001B INLET | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 976 | LTU -23 -FLOW | LTU-FT2310 | FLOW D/P TRANS PROPANE DRY TO 23F001B | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 977 | LTU -23 -FLOW | LTU-FT23100 | ROTA METER OF 23P007C | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 978 | LTU -23 -FLOW | LTU-FT23101 | ROTA METER OF 23P007C | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 979 | LTU -23 -FLOW | LTU-FT23102 | ROTA METER OF 23P007C | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 980 | LTU -23 -FLOW | LTU-FT23103 | ROTA METER OF 23P007C | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 981 | LTU -23 -23K001 | LTU-FT23104 | FLOW VORTEX TRANS SM TO EBSM | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 982 | LTU -23 -FLOW | LTU-FT2311 | FLOW D/P TRANS PROPANE DRY | | | | | | | | | | | | | | | |

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|-------|-----------------|---------------|--|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 987 | LTU -23 -FLOW | LTU-F2316 | FLOW D/P TRANS PROPANE 23F001D INLET | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 988 | LTU -23 -FLOW | LTU-F2317 | FLOW D/P TRANS PROPANE 23F001D INLET | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 989 | LTU -23 -FLOW | LTU-F2318 | FLOW D/P TRANS OIL/PROPANE 23F001E INLET | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 990 | LTU -23 -FLOW | LTU-F2319 | FLOW D/P TRANS PROPANE 23F001E INLET | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 991 | LTU -23 -FLOW | LTU-F2320 | FLOW D/P TRANS PROPANE 23F001E INLET | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 992 | LTU -23 -FLOW | LTU-F2321 | FLOW D/P TRANS OF 23D005 INLET | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 993 | LTU -23 -23D005 | LTU-F2322 | FLOW TURBINE METER OIL/PRO 23D005 INLET | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 994 | LTU -23 -23D005 | LTU-F2323 | FLOW D/P TRANS PROPANE 23D005 INLET | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 995 | LTU -23 -23D006 | LTU-F2325 | FLOW D/P TRANS OIL & PROPANE 23D006 IN | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 996 | LTU -23 -FLOW | LTU-F2326 | FLOW D/P TRANS OIL/PROPANE 23P004A DISCH | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 997 | LTU -23 -FLOW | LTU-F2327 | FLOW D/P TRANS PROPANE 23E008B OUTLET | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 998 | LTU -23 -FLOW | LTU-F2328 | FLOW D/P TRANS PROPANE 23E005B INLET | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 999 | LTU -23 -23D008 | LTU-F2329 | FLOW D/P TRANS PROPANE 23D008 INLET | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,000 | LTU -23 -23C002 | LTU-F2330 | FLOW D/P TRANS STEAM S1 TO 23C002 | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,001 | LTU -23 -FLOW | LTU-F2332 | FLOW D/P TRANS OIL 23P006A/B DISCH | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,002 | LTU -23 -FLOW | LTU-F2333 | FLOW D/P TRANS PROPANE 23E011A OUTLET | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,003 | LTU -23 -FLOW | LTU-F2334 | FLOW D/P TRANS WAX/KERO 23P008A/B DISCH | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,004 | LTU -23 -23C004 | LTU-F2335 | FLOW D/P TRANS STEAM SM TO 23C004 | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,005 | LTU -23 -FLOW | LTU-F2336 | FLOW D/P TRANS WAX/KERO 23E014 INLET | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,006 | LTU -23 -23K001 | LTU-F2337 | FLOW D/P TRANS PROPANE 23K001 OUTLET | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,007 | LTU -23 -23K001 | LTU-F2338 | FLOW D/P TRANS PROPANE 23K001 OUTLET | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,008 | LTU -23 -23K001 | LTU-F2339 | FLOW D/P TRANS PROPANE 23K001 OUTLET | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,009 | LTU -23 -23K001 | LTU-F2340 | FLOW D/P TRANS PROPANE 23K001 OUTLET | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,010 | LTU -23 -23K001 | LTU-F2341 | FLOW D/P TRANS HP STEAM 23K001 INLET | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,011 | LTU -23 -23D013 | LTU-F2342 | FLOW D/P TRANS VENT GAS 23D013 OUTLET | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,012 | LTU -23 -FLOW | LTU-F2343 | FLOW D/P TRANS PROPANE 23P010A/B DISCH | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,013 | LTU -23 -FLOW | LTU-F2344 | FLOW D/P TRANS PROPANE TANK TO 61P082A/B | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,014 | LTU -23 -FLOW | LTU-F2345 | FLOW D/P TRANS KERO 23E021 INLET | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,015 | LTU -23 -FLOW | LTU-F2346 | FLOW D/P TRANS SOUR WATER 23P011A/B DISC | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,016 | LTU -23 -FLOW</ | | | | | | | | | | | | | | | | | |

PREVENTIVE MAINTENANCE YEARLY SCHEDULE
PLANT: LUBE YEAR: 2022

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Effective Date 29.12.2021
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Legend Text : B = Program Back-up C = Calibrate F = Function Test H = Overhaul I = Inspect L = Lubricate M = Strategy Plan P = Preventive Q = Check oil quality
S = Service T = Stand by condition check U = Running condition check V = Verify

| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|-------|------------------|---------------|---|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 1,021 | LTU -23 -23D017 | LTU-FT2356 | FLOW D/P TRANS KERO 23D017 INLET | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 1,022 | LTU -23 -FLOW | LTU-FT2357 | FLOW D/P TRANS OIL/PRO 23P003A/B | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 1,023 | LTU -23 -23D010 | LTU-FT2358 | FLOW D/P TRANS PROPANE 23D010 INLET | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 1,024 | LTU -23 -FLOW | LTU-FT2371 | FLOW D/P TRANS HP STEAM SH HEADER | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 1,025 | LTU -23 -FLOW | LTU-FT2372 | FLOW D/P TRANS LP STEAM SL HEADER | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 1,026 | LTU -23 -FLOW | LTU-FT2373 | FLOW D/P TRANS STEAM SI HEADER | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 1,027 | LTU -23 -FLOW | LTU-FT2374 | FLOW VORTEX TRANS WATER POTWATER HEADER | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 1,028 | LTU -23 -FLOW | LTU-FT2375 | FLOW D/P TRANS WATER OWS HEADER | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 1,029 | LTU -23 -FLOW | LTU-FT2376 | FLOW D/P TRANS AIR PLANT AIR HEADER | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 1,030 | LTU -23 -FLOW | LTU-FT2377 | FLOW D/P TRANS AIR INST AIR HEADER | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 1,031 | LTU -23 -FLOW | LTU-FT2378 | FLOW D/P TRANS N2 N2 HEADER | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 1,032 | LTU -23 -FLOW | LTU-FT2380 | FLOW D/P TRANS WATER DEMI WATER HEADER | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 1,033 | LTU -22 -CV | LTU-FV2201 | FLOW C/V FEED FEED FROM TANKAGE | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,034 | LTU -22 -CV | LTU-FV2202 | FLOW C/V NMP NMP FROM 22P002 | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,035 | LTU -22 -CV | LTU-FV2203 | FLOW C/V NMP WET NMP FROM | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,036 | LTU -22 -CV | LTU-FV2206 | FLOW C/V WET NMP 22P003A/B DISCH | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,037 | LTU -22 -22B001 | LTU-FV2211 | FLOW C/V EXTR SOLUTION 22B001 INLET | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,038 | LTU -22 -22B001 | LTU-FV2212 | FLOW C/V EXTR SOLUTION 22B001 INLET | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,039 | LTU -22 -22C002 | LTU-FV2213 | FLOW C/V EXTRACT SOL 22C002 INLET | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,040 | LTU -22 -22C002 | LTU-FV2214 | FLOW C/V STRIP GAS 22C002 INLET | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,041 | LTU -22 -22C002 | LTU-FV2215 | FLOW C/V OIL 22C002 INLET | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,042 | LTU -22 -CV | LTU-FV2217 | FLOW C/V EXTRACT SOLUTION RECYCLE | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,043 | LTU -22 -22B001 | LTU-FV2219 | FLOW C/V FUEL OIL FUEL OIL TO BURNER | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,044 | LTU -22 -22C001 | LTU-FV2224 | CONTROL VALVE | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,045 | LTU -22 -22C003 | LTU-FV2227 | FLOW C/V RAFFINAT SOL 22C003 INLET | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,046 | LTU -22 -22C003 | LTU-FV2228 | FLOW C/V STRIP GAS 22C003 INLET | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,047 | LTU -22 -CV | LTU-FV2229 | FLOW C/V RAFFINAT 22E014B INLET | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,048 | LTU -22 -22K002A | LTU-FV2235 | FLOW C/V TREAT GAS 22K002A/B DISCH | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,049 | LTU -22 -CV | LTU-FV2237 | FLOW C/V LEAN DEA 22P008A/B DISCH | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,050 | LTU -22 -22C004 | LTU-FV2239 | FLOW C/V STEAM STEAM TO 22C004 | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,051 | LTU -22 -22C004 | LTU-FV2240 | FLOW C/V RAFFINAT 22C004 INLET | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,052 | LTU -22 -22C004 | LTU-FV2242 | FLOW C/V RAFFINAT RAFFINATE RECYCLE | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,053 | LTU -22 -22C008 | LTU-FV2245 | FLOW C/V LEAN DEA 22C008 INLET | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,054 | LTU -22 -22D018 | LTU-FV2248 | FLOW C/V BOILER FEED WATER 22D018 INLET | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|-------|------------------|---------------|---|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 1,055 | LTU -22 -CV | LTU-FV2253 | FLOW C/V NMP 22P011 DISCH | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,056 | LTU -22 -CV | LTU-FV2254 | FLOW C/V NITROGEN NL TO 22R003 | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,057 | LTU -22 -CV | LTU-FV2255 | FLOW C/V DEMI WATER 22E026 INLET | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,058 | LTU -22 -CV | LTU-FV2257 | FLOW C/V WET NMP 22E022 INLET | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,059 | LTU -22 -22C007 | LTU-FV2258 | FLOW C/V NMP 22C007 INLET | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,060 | LTU -22 -CV | LTU-FV2261 | FLOW C/V WET NMP 22E022 INLET | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,061 | LTU -23 -CV | LTU-FV2301 | FLOW C/V WAXY OIL FEED TO 23Z001 | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,062 | LTU -23 -23E002B | LTU-FV2302 | FLOW C/V DILUTION PROPANE 23E002B INLET | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,063 | LTU -23 -23D003A | LTU-FV2303 | FLOW C/V PROPANE TRANSFER GAS 23D003A/B | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,064 | LTU -23 -23D003A | LTU-FV2304A | FLOW C/V PROPANE 23D003A/B OUTLET | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,065 | LTU -23 -23D003B | LTU-FV2304B | FLOW C/V PROPANE 23D003A/B OUTLET | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,066 | LTU -23 -23D003A | LTU-FV2305 | FLOW C/V PROPANE COLD DRY TO 23D003A/B | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,067 | LTU -23 -CV | LTU-FV2306 | FLOW C/V OIL & PROPANE 23F001A INLET | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,068 | LTU -23 -CV | LTU-FV2309 | FLOW C/V OIL & PROPANE 23F001B INLET | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,069 | LTU -23 -23K001 | LTU-FV23104 | FLOW C/V SM TO EBSM | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,070 | LTU -23 -CV | LTU-FV2312 | FLOW C/V OIL & PROPANE 23F001C INLET | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,071 | LTU -23 -CV | LTU-FV2315 | FLOW C/V OIL & PROPANE 23F001D INLET | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,072 | LTU -23 -CV | LTU-FV2318 | FLOW C/V OIL & PROPANE 23F001E INLET | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,073 | LTU -23 -23D005 | LTU-FV2322 | FLOW C/V OIL/ PROPANE 23D005 INLET | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,074 | LTU -23 -23D005 | LTU-FV2323 | FLOW C/V PROPANE 23D005 INLET | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,075 | LTU -23 -23D006 | LTU-FV2325 | FLOW C/V OIL & PROPANE 23D006 INLET | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,076 | LTU -23 -CV | LTU-FV2326 | FLOW C/V OIL/ PROPANE 23P004A DISCH | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,077 | LTU -23 -23D008 | LTU-FV2329 | FLOW C/V PROPANE 23D008 INLET | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,078 | LTU -23 -23C003 | LTU-FV2330 | FLOW C/V STEAM SI TO 23C002 | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,079 | LTU -23 -23C004 | LTU-FV2335 | FLOW C/V STEAM SM TO 23C004 | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,080 | LTU -23 -23K001 | LTU-FV2338 | FLOW C/V PROPANE 23K001 OUTLET | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,081 | LTU -23 -23D013 | LTU-FV2342 | FLOW C/V VENT GAS 23D013 OUTLET | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,082 | LTU -23 -CV | LTU-FV2345A | FLOW C/V KERO 23E021 INLET | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,083 | LTU -23 -CV | LTU-FV2345B | FLOW C/V KERO 23E021 INLET | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,084 | LTU -23 -23D017 | LTU-FV2356 | FLOW C/V KERO 23D017 INLET | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,085 | LTU -23 -CV | LTU-FV2357 | FLOW C/V OIL/PRO 23P003A/B TO 23D003A/B | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,086 | LTU -23 -23D010 | LTU-FV2358 | FLOW C/V PROPANE 23D010 INLET | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,087 | LTU -22 -QMI_CD | LTU-QD2201 | SCE GAS DETECTOR OF 22C008 | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,088 | LTU -22 -QMI_CD | LTU-QD2201 | SCE GAS DETECTOR OF 22C008 | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |

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|-------|-----------------|---------------|-----------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 1,089 | LTU -22 -QMI_GD | LTU-GD2202 | GAS DETECTOR OF 22D012 | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,090 | LTU -22 -QMI_GD | LTU-GD2203 | GAS DETECTOR OF 22K002 | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,091 | LTU -22 -QMI_GD | LTU-GD2204 | GAS DETECTOR OF 22B001 | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,092 | LTU -22 -QMI_GD | LTU-GD2205 | GAS DETECTOR OF UNIT SEU | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,093 | LTU -22 -QMI_GD | LTU-GD2206 | GAS DETECTOR OF 22P005 | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,094 | LTU -22 -QMI_GD | LTU-GD2207 | GAS DETECTOR OF 22P007 | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,095 | LTU -22 -QMI_GD | LTU-GD2208 | GAS DETECTOR OF 22K003 | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,096 | LTU -22 -QMI_GD | LTU-GD2209 | GAS DETECTOR OF 22P006 | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,097 | LTU -22 -QMI_GD | LTU-GD2210 | GAS DETECTOR OF 22C006 | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,098 | LTU -22 -QMI_GD | LTU-GD2211 | GAS DETECTOR OF 22D014 | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,099 | LTU -22 -QMI_GD | LTU-GD2212 | GAS DETECTOR OF 22K010 | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,100 | LTU -22 -QMI_GD | LTU-GD2213 | GAS DETECTOR OF 22K003 | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,101 | LTU -23 -QMI_GD | LTU-GD2301 | SCE GAS DETECTOR OF 23D003A | 4M | | | | V | | | | V | | | | | CAN | CAN-Q25 |
| 1,102 | LTU -23 -QMI_GD | LTU-GD2301 | SCE GAS DETECTOR OF 23D003A | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,103 | LTU -23 -QMI_GD | LTU-GD2302 | GAS DETECTOR OF 23D002 | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,104 | LTU -23 -QMI_GD | LTU-GD2303 | GAS DETECTOR OF 23D003B | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,105 | LTU -23 -QMI_GD | LTU-GD2304 | GAS DETECTOR OF 23E011 | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,106 | LTU -23 -QMI_GD | LTU-GD2305 | GAS DETECTOR OF 23K001 | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,107 | LTU -23 -QMI_GD | LTU-GD2306 | GAS DETECTOR OF | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,108 | LTU -23 -QMI_GD | LTU-GD2307 | GAS DETECTOR OF 23P007 | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,109 | LTU -23 -QMI_GD | LTU-GD2308 | GAS DETECTOR OF 23P004 | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,110 | LTU -23 -QMI_GD | LTU-GD2309 | GAS DETECTOR OF 23P001C | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,111 | LTU -23 -QMI_GD | LTU-GD2310 | GAS DETECTOR OF 23P002A | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,112 | LTU -23 -QMI_GD | LTU-GD2311 | GAS DETECTOR OF 23P003 | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,113 | LTU -23 -QMI_GD | LTU-GD2312 | GAS DETECTOR OF 23D006 | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,114 | LTU -23 -QMI_GD | LTU-GD2313 | GAS DETECTOR OF 23P006 | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,115 | LTU -23 -QMI_GD | LTU-GD2314 | GAS DETECTOR OF | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,116 | LTU -23 -QMI_GD | LTU-GD2315 | GAS DETECTOR OF 23C004 | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,117 | LTU -23 -QMI_GD | LTU-GD2316 | GAS DETECTOR OF 23E004 | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,118 | LTU -23 -QMI_GD | LTU-GD2317 | GAS DETECTOR OF 23E015 | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,119 | LTU -23 -QMI_GD | LTU-GD2318 | GAS DETECTOR OF 23P019 | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,120 | LTU -23 -QMI_GD | LTU-GD2319 | GAS DETECTOR OF 23P010 | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,121 | LTU -23 -QMI_GD | LTU-GD2320 | GAS DETECTOR OF 23P005 | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,122 | LTU -23 -QMI_GD | LTU-GD2321 | GAS DETECTOR OF 23P011 | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |

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|-------|-------------------|----------------|---|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 1,123 | LTU -00 -GROUND | LTU-GROUND-LN | GROUND-LN | 1Y | | | | | | | P | | | | | | RLB | RLB-ELBO |
| 1,124 | LTU -00 -GROUND | LTU-GROUND-LN | GROUND-LN | 6M | | | P | | | | | | P | | | | RLB | RLB-ELBO |
| 1,125 | LTU -00 -GROUND | LTU-GROUND-LN | GROUND-LN | 4M | | | P | | | | P | | | | P | | RLB | RLB-ELBO |
| 1,126 | LTU -22 -22E007 | LTU-HIC2201 | HAND CONTROLLER 22E007 | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,127 | LTU -23 -23K001 | LTU-HPACTUA | HP VALVE OF 23K001 | 1Y | | | I | | | | | | | | | | RLB | RLB-ILBO |
| 1,128 | LTU -00R-INTERCOM | LTU-INTERCOM | INTERCOM AREA COR LTU | 1Y | | P | | | | | | | | | | | CES | CES-INST |
| 1,129 | LTU -22 -22K001A | LTU-LCP22K001A | LOCAL CONTROL PANEL OF 22K002B | 3M | | | I | | | I | | | I | | | I | OCS | OCS-SYS |
| 1,130 | LTU -22 -22K001A | LTU-LCP22K001A | LOCAL CONTROL PANEL OF 22K002B | 6M | | | I | | | | | | I | | | | OCS | OCS-SYS |
| 1,131 | LTU -22 -22K001A | LTU-LCP22K001A | LOCAL CONTROL PANEL OF 22K002B | 1Y | | I | | | | I | | | | | | | RLB | RLB-ILBO |
| 1,132 | LTU -22 -22K001B | LTU-LCP22K001B | LOCAL CONTROL PANEL OF 22K001B | 3M | | | I | | | I | | | I | | | I | OCS | OCS-SYS |
| 1,133 | LTU -22 -22K001B | LTU-LCP22K001B | LOCAL CONTROL PANEL OF 22K001B | 6M | | | I | | | | | | I | | | | OCS | OCS-SYS |
| 1,134 | LTU -22 -22K002A | LTU-LCP22K002A | LOCAL CONTROL PANEL OF 22K002A | 3M | I | | | I | | | I | | | I | | | OCS | OCS-SYS |
| 1,135 | LTU -22 -22K002A | LTU-LCP22K002A | LOCAL CONTROL PANEL OF 22K002A | 6M | | | | I | | | | | | I | | | OCS | OCS-SYS |
| 1,136 | LTU -22 -22K002A | LTU-LCP22K002A | LOCAL CONTROL PANEL OF 22K002A | 1Y | | | I | | | | | | | | | | RLB | RLB-ILBO |
| 1,137 | LTU -22 -22K002B | LTU-LCP22K002B | LOCAL CONTROL PANEL OF 22K002B | 3M | I | | | I | | | I | | | I | | | OCS | OCS-SYS |
| 1,138 | LTU -22 -22K002B | LTU-LCP22K002B | LOCAL CONTROL PANEL OF 22K002B | 6M | | | | I | | | | | | I | | | OCS | OCS-SYS |
| 1,139 | LTU -22 -22K002B | LTU-LCP22K002B | LOCAL CONTROL PANEL OF 22K002B | 6M | | | | I | | | | | | I | | | OCS | OCS-SYS |
| 1,140 | LTU -22 -22K002B | LTU-LCP22K002B | LOCAL CONTROL PANEL OF 22K002B | 1Y | | | | I | | | | | | | | | RLB | RLB-ILBO |
| 1,141 | LTU -22 -22K003A | LTU-LCP22K003A | LOCAL CONTROL PANEL OF 22K003A | 3M | I | | | I | | | I | | | I | | | OCS | OCS-SYS |
| 1,142 | LTU -22 -22K003A | LTU-LCP22K003A | LOCAL CONTROL PANEL OF 22K003A | 1Y | | | | | I | | | | | | | | RLB | RLB-ILBO |
| 1,143 | LTU -22 -22K003B | LTU-LCP22K003B | LOCAL CONTROL PANEL OF 22K003B | 3M | I | | | I | | | I | | | I | | | OCS | OCS-SYS |
| 1,144 | LTU -22 -22K003B | LTU-LCP22K003B | LOCAL CONTROL PANEL OF 22K003B | 6M | | | | I | | | | | | I | | | OCS | OCS-SYS |
| 1,145 | LTU -22 -22K003B | LTU-LCP22K003B | LOCAL CONTROL PANEL OF 22K003B | 1Y | | | | | | I | | | | | | | RLB | RLB-ILBO |
| 1,146 | LTU -22 -23K001 | LTU-LCP23K001 | LOCAL CONTROL PANEL OF 23K001 | 1Y | | | | | I | | | | | | | | RLB | RLB-ILBO |
| 1,147 | LTU -22 -22D001 | LTU-LDT2201 | LEVEL TRANS (EXTDISP) RAFF SOL 22D001 | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,148 | LTU -22 -22D009 | LTU-LDT2218 | LEVEL TRANS (EXTDISP) SOUR WATER 22D009 | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,149 | LTU -22 -22D010 | LTU-LDT2226 | LEVEL TRANS (EXTDISP) SOUR WATER 22D010 | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,150 | LTU -22 -22D009 | LTU-LDV2218 | LEVEL C/V SOUR WATER 22D009 | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,151 | LTU -22 -22D010 | LTU-LDV2226 | LEVEL C/V SOUR WATER 22D010 | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,152 | LTU -23 -23D014 | LTU-LDV2339 | LEVEL C/V SOUR WATER 23D014 | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,153 | LTU -23 -23D015 | LTU-LDV2341 | LEVEL C/V SOUR WATER 23D015 | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,154 | LTU -61 -61T203 | LTU-LIT6120103 | LEVEL TRANS OF 61T203 | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,155 | LTU -23 -23K001 | LTU-LPACTUA | LP VALVE OF 23K001 | 1Y | | | I | | | | | | | | | | RLB | RLB-ILBO |
| 1,156 | LTU -61 -61D101 | LTU-LSH0002 | LEVEL S/W FUEL GAS 61D101 | 1Y | | | | | | | | | | F | | | RLB | RLB-ILBO |

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|-------|------------------|---------------|--|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 1,293 | LTU -23 -23D013 | LTU-LT2335 | LEVEL D/P TRANS PROPANE 23D013 | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,294 | LTU -23 -23D013 | LTU-LT2338 | LEVEL TRANS SOUR WATER 23D013 BOTTOM | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,295 | LTU -23 -23D014 | LTU-LT2339 | LEVEL TRANS (EXTDISPL) SOUR WATER 23D014 | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,296 | LTU -23 -23D014 | LTU-LT2340 | LEVEL TRANS (EXTDISP) SOUR WATER 23D014 | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,297 | LTU -23 -23D015 | LTU-LT2341 | LEVEL TRANS (EXTDISP) SOUR WATER 23D015 | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,298 | LTU -23 -23D015 | LTU-LT2342 | LEVEL TRANS (EXTDISP) SOUR WATER 23D015 | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,299 | LTU -23 -23D017 | LTU-LT2343 | LEVEL D/P TRANS KERO 23D017 | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,300 | LTU -23 -23D006 | LTU-LT2344 | LEVEL D/P TRANS PROPANE/ OIL 23D006 | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,301 | LTU -23 -23D004 | LTU-LT2345 | LEVEL D/P TRANS (DIAPH) 23D004 | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,302 | LTU -23 -23D016 | LTU-LT2351 | LEVEL TRANS OF 23D016 VACUUM SYSTEM | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,303 | LTU -61 -61T201 | LTU-LT6120101 | LEVEL TRANS OF 61T201 | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,304 | LTU -61 -61D102 | LTU-LV0001 | LEVEL C/V STEAM COND 61D102 | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,305 | LTU -22 -22C002 | LTU-LV2205 | LEVEL C/V EXTRACT SOL 22C002 | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,306 | LTU -22 -22D004 | LTU-LV2207 | LEVEL C/V NMP 22D004 | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,307 | LTU -22 -22D005 | LTU-LV2209 | LEVEL C/V NMP 22D005 | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,308 | LTU -22 -22D006 | LTU-LV2211 | LEVEL C/V HYDROGEN 22D006 | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,309 | LTU -22 -22D007 | LTU-LV2213 | LEVEL C/V HYDROGEN 22D007 | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,310 | LTU -22 -22D008 | LTU-LV2215 | LEVEL C/V SLOP OIL 22D008 | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,311 | LTU -22 -22D009 | LTU-LV2217 | LEVEL C/V SOUR WATER 22D009 | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,312 | LTU -22 -22C004 | LTU-LV2219 | LEVEL C/V HYDROFINER 22C004 | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,313 | LTU -22 -22C005 | LTU-LV2220 | LEVEL C/V VACUUM DRIER 22C005 | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,314 | LTU -22 -22C006 | LTU-LV2222 | LEVEL C/V RICH DEA 22C006 | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,315 | LTU -22 -22D010 | LTU-LV2224 | LEVEL C/V SLOP OIL 22D010 | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,316 | LTU -22 -22D014 | LTU-LV2227 | LEVEL C/V SLOP OIL 22D014 | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,317 | LTU -22 -22C008 | LTU-LV2229 | LEVEL C/V RICH DEA 22C008 | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,318 | LTU -22 -22D001 | LTU-LV2231 | LEVEL C/V STEAM COND 22D001 | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,319 | LTU -22 -22D011 | LTU-LV2243 | LEVEL C/V NMP 22D011 | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,320 | LTU -22 -22C007 | LTU-LV2244 | LEVEL C/V NMP 22C007 | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,321 | LTU -23 -23F001A | LTU-LV2308 | LEVEL C/V OIL MAX /PROPANE 23F001A | 1Y | | | | | </ | | | | | | | | | |

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|-------|------------------|---------------|--|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 1,327 | LTU -23 -23D005 | LTU-LV2313B | LEVEL C/V OIL/MAX /PROPANE 23D005 | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,328 | LTU -23 -23C001 | LTU-LV2317 | LEVEL C/V DMO SOL 23C001 | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 1,329 | LTU -23 -23D008 | LTU-LV2318A | LEVEL C/V DRY PROPANE 23D008 | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 1,330 | LTU -23 -23D008 | LTU-LV2318B | LEVEL C/V DRY PROPANE 23D008 | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 1,331 | LTU -23 -23D009 | LTU-LV2319 | LEVEL C/V OIL/ PROPANE 23D009 | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 1,332 | LTU -23 -23C003 | LTU-LV2320 | LEVEL C/V LUBE 23C003 | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 1,333 | LTU -23 -23D019 | LTU-LV2322 | LEVEL C/V STEAM/ COND 23D019 | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 1,334 | LTU -23 -23D010 | LTU-LV2324 | LEVEL C/V WAX/ PROPANE 23D010 | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 1,335 | LTU -23 -23D011 | LTU-LV2326 | LEVEL C/V WAX/ PROPANE 23D011 | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 1,336 | LTU -23 -23D012 | LTU-LV2328 | LEVEL C/V WAX 23D012 | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 1,337 | LTU -23 -23C004 | LTU-LV2330 | LEVEL C/V WAX/ KEROSENE 23C004 | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 1,338 | LTU -23 -23D014 | LTU-LV2340 | LEVEL C/V SOUR WATER 23D014 | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 1,339 | LTU -23 -23D015 | LTU-LV2342 | LEVEL C/V SOUR WATER 23D015 | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 1,340 | LTU -23 -23D006 | LTU-LV2344 | LEVEL C/V PROPANE/ OIL 23D006 | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 1,341 | LTU -22 -22K002A | LTU-POV2212A | PRESSURE SCAVENGING N2 OF 22K002A | 1Y | | | I | | | | | | | | | | RLB | RLB-ILBO |
| 1,342 | LTU -22 -22K002B | LTU-POV2212B | PRESSURE SCAVENGING N2 OF 22K002B | 1Y | | | | I | | | | | | | | | RLB | RLB-ILBO |
| 1,343 | LTU -22 -22K002A | LTU-POV2213A | PRESSURE INST AIR SUPPLY OF 22K002A | 1Y | | | I | | | | | | | | | | RLB | RLB-ILBO |
| 1,344 | LTU -22 -22K002B | LTU-POV2213B | PRESSURE INST AIR SUPPLY OF 22K002B | 1Y | | | | I | | | | | | | | | RLB | RLB-ILBO |
| 1,345 | LTU -22 -22K003A | LTU-POV2215A | PRESSURE SCAVENGING N2 OF 22K003A | 1Y | | | | | I | | | | | | | | RLB | RLB-ILBO |
| 1,346 | LTU -22 -22K003B | LTU-POV2215B | PRESSURE SCAVENGING N2 OF 22K003B | 1Y | | | | | I | I | | | | | | | RLB | RLB-ILBO |
| 1,347 | LTU -22 -22K003A | LTU-POV2216A | PRESSURE INST AIR SUPPLY OF 22K003A | 1Y | | | | | I | | | | | | | | RLB | RLB-ILBO |
| 1,348 | LTU -22 -22K003A | LTU-POV2216B | PRESSURE INST AIR SUPPLY OF 22K003B | 1Y | | | | | I | | | | | | | | RLB | RLB-ILBO |
| 1,349 | LTU -23 -23K001 | LTU-POV2312 | PRESSURE STEAM TURBINE INLET OF 23K001 | 1Y | | | | | | | | | | I | | | RLB | RLB-ILBO |
| 1,350 | LTU -23 -23K001 | LTU-POV2313 | PRESSURE NITROGEN BLANKET OF 23K001 | 1Y | | | | | | | | | | I | | | RLB | RLB-ILBO |
| 1,351 | LTU -23 -23K001 | LTU-POV2314 | PRESSURE OIL HEADER PRESSURE OF 23K001 | 1Y | | | | | | | | | | I | | | RLB | RLB-ILBO |
| 1,352 | LTU -23 -23K001 | LTU-POV2315 | PRESSURE SEAL OIL SUPPLY OF 23K001 | 1Y | | | | | | | | | | I | | | RLB | RLB-ILBO |
| 1,353 | LTU -23 -23K001 | LTU-POV2316 | PRESSURE LUBE OIL SUPPLY OF 23K001 | 1Y | | | | | | | | | | I | | | RLB | RLB-ILBO |
| 1,354 | LTU -23 -23K001 | LTU-POV2317 | PRESSURE CONTROL OIL SUPPLY OF 23K001 | 1Y | | | | | | | | | | I | | | RLB | RLB-ILBO |
| 1,355 | LTU -22 -PRESS | LT | | | | | | | | | | | | | | | | |

PREVENTIVE MAINTENANCE YEARLY SCHEDULE
PLANT: LUBE YEAR: 2022

Form No.
Effective Date 29.12.2021
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Legend Text : B = Program Back-up C = Calibrate F = Function Test H = Overhaul I = Inspect L = Lubricate M = Strategy Plan P = Preventive Q = Check oil quality
S = Service T = Stand by condition check U = Running condition check V = Verify

| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|-------|------------------|----------------|--|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 1,361 | LTU -22 -22K003B | LTU-PDSH22178B | PRESSURE DIFF S/W OF 22K003B | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,362 | LTU -22 -PRESS | LTU-PDSH2232 | PRESSURE DIFF S/W OF ZSY-22221 | 1Y | | | | | | | | | | | V | | RLB | RLB-ILBO |
| 1,363 | LTU -22 -PRESS | LTU-PDSH2233 | PRESSURE DIFF S/W OF 22F001 | 1Y | | | | | | | | | | | V | | RLB | RLB-ILBO |
| 1,364 | LTU -22 -PRESS | LTU-PDSH2234 | PRESSURE DIFF S/W OF 22R003 | 1Y | | | | | | | | | | | V | | RLB | RLB-ILBO |
| 1,365 | LTU -22 -PRESS | LTU-PDSH2235 | PRESSURE DIFF S/W OF RESIN TRAP | 1Y | | | | | | | | | | | V | | RLB | RLB-ILBO |
| 1,366 | LTU -22 -PRESS | LTU-PDSH2242 | PRESSURE DIFF S/W STRAINER ZSY 22171A/B | 1Y | | | | | | | | | | | V | | RLB | RLB-ILBO |
| 1,367 | LTU -22 -PRESS | LTU-PDSH2243 | PRESSURE DIFF S/W OF FUEL GAS TO BURNER | 1Y | | | | | | | | | | | V | | RLB | RLB-ILBO |
| 1,368 | LTU -22 -22K001A | LTU-PDSH2253A | PRESSURE DIFF S/W OF 22K001A | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 1,369 | LTU -22 -22K001B | LTU-PDSH2253B | PRESSURE DIFF S/W OF 22K001B | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,370 | LTU -22 -22K001A | LTU-PDSH2256A | PRESSURE DIFF S/W OF 22K001A | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 1,371 | LTU -23 -23K001 | LTU-PDSH2362 | PRESSURE DIFF S/W OF 23K001 | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,372 | LTU -23 -23K001 | LTU-PDSH2371 | PRESSURE DIFF S/W OF 23K001 | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,373 | LTU -22 -22K002A | LTU-PDSH2218 | PRESSURE D/P S/W TREAT GAS 22K002A 1ST | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,374 | LTU -22 -22K002A | LTU-PDSH2219 | PRESSURE D/P S/W TREAT GAS 22K002A 2ND | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,375 | LTU -22 -22K002B | LTU-PDSH2220 | PRESSURE D/P S/W TREAT GAS 22K002B 1ST | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,376 | LTU -22 -22K002B | LTU-PDSH2221 | PRESSURE D/P S/W TREAT GAS 22K002B 2ND | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,377 | LTU -22 -22K003A | LTU-PDSH2226 | PRESSURE D/P S/W OFF GAS 22K003A SUCTION | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,378 | LTU -22 -22K003B | LTU-PDSH2227 | PRESSURE D/P S/W OFF GAS 22K003B | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,379 | LTU -22 -22K001A | LTU-PDSH2251A | PRESSURE DIFF S/W OF 22K001A | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 1,380 | LTU -22 -22K001B | LTU-PDSH2251B | PRESSURE DIFF S/W OF 22K001B | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,381 | LTU -22 -22K001A | LTU-PDSL2255A | PRESSURE DIFF S/W OF 22K001A | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 1,382 | LTU -22 -22K001B | LTU-PDSL2255B | PRESSURE DIFF S/W OF 22K001B | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 1,383 | LTU -23 -23K001 | LTU-PDSL2368 | PRESSURE DIFF S/W OF 23K001 | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,384 | LTU -23 -23K001 | LTU-PDSL2372 | PRESSURE DIFF S/W OF 23K001 | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,385 | LTU -22 -22K001A | LTU-PDSSL2252A | PRESSURE DIFF S/W OF 22K001A | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 1,386 | LTU -22 -22K001B | LTU-PDSSL2252B | PRESSURE DIFF S/W OF 22K001B | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,387 | LTU -22 -22K001A | LTU-PDSSL2254A | PRESSURE DIFF S/W OF 22K001A | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 1,388 | LTU -22 -22K001B | LTU-PDSSL2254B | PRESSURE DIFF S/W OF 22K001B | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,389 | LTU -23 -PRESS | LTU-PDSSL2370 | PRESSURE DIFF S/W COMPR SEAL OIL SUPPLY | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,390 | LTU -22 -22C008 | LTU-PDT2229 | PRESSURE D/P TRANS TAIL GAS 22C008 | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,391 | LTU -22 -22C006 | LTU-PDT2241 | PRESSURE D/P TRANS OFF GAS 22C006 | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,392 | LTU -23 -PRESS | LTU-PDT2301 | PRESSURE D/P TRANS PROPANE TO 23Z001 | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,393 | LTU -23 -PRESS | LTU-PDT2303 | PRESSURE D/P TRANS PROPANE 23E004 A/D | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,394 | LTU -23 -23F001A | LTU-PDT2309 | PRESSURE D/P TRANS PROPANE 23F001A OUT | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |

PREVENTIVE MAINTENANCE YEARLY SCHEDULE
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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|-------|------------------|---------------|--|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 1,395 | LTU -23 -23F001A | LTU-PDT2310 | PRESSURE D/P TRANS PROPANE BLOW BACK GAS | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,396 | LTU -23 -23F001B | LTU-PDT2312 | PRESSURE D/P TRANS PROPANE 23F001B OUT | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,397 | LTU -23 -23F001B | LTU-PDT2313 | PRESSURE D/P TRANS PROPANE TO 23F001B | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,398 | LTU -23 -23F001C | LTU-PDT2315 | PRESSURE D/P TRANS PROPANE 23F001C OUT | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,399 | LTU -23 -23F001C | LTU-PDT2316 | PRESSURE D/P TRANS PROPANE TO 23F001C | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,400 | LTU -23 -23F001D | LTU-PDT2318 | PRESSURE D/P TRANS PROPANE 23F001D OUT | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,401 | LTU -23 -23F001D | LTU-PDT2319 | PRESSURE D/P TRANS PROPANE TO 23F001D | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,402 | LTU -23 -23F001E | LTU-PDT2321 | PRESSURE D/P TRANS PROPANE 23F001E OUT | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,403 | LTU -23 -23F001E | LTU-PDT2322 | PRESSURE D/P TRANS PROPANE TO 23F001E | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,404 | LTU -23 -PRESS | LTU-PDT2346 | PRESSURE D/P TRANS KERO 23Z002 INLET | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,405 | LTU -23 -23K001 | LTU-PDT2362 | PRESSURE DIFF TRANS OIL FILTER OF 23K001 | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,406 | LTU -23 -23K001 | LTU-PDT2368 | PRESSURE DIFF TRANS SEAL OIL SUP 23K001 | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,407 | LTU -23 -23K001 | LTU-PDT2372 | PRESSURE DIFF TRANS GAS SUPPLY OF 23K001 | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,408 | LTU -22 -22B001 | LTU-PDV2211 | PRESSURE C/V STEAM/FUEL OIL TO BURNER | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 1,409 | LTU -23 -CV | LTU-PDV2301 | PRESSURE C/V PROPANE TO 23Z001 | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,410 | LTU -23 -23F001A | LTU-PDV2309A | PRESSURE C/V PROPANE 23F001A | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,411 | LTU -23 -23F001A | LTU-PDV2309B | PRESSURE C/V PROPANE 23F001A | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,412 | LTU -23 -23F001A | LTU-PDV2310 | PRESSURE C/V PROPANE BLOW BACK GAS | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,413 | LTU -23 -23F001B | LTU-PDV2312A | PRESSURE C/V PROPANE 23F001B OUTLET | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,414 | LTU -23 -23F001B | LTU-PDV2312B | PRESSURE C/V PROPANE 23F001B OUTLET | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,415 | LTU -23 -23F001B | LTU-PDV2313 | PRESSURE C/V PROPANE BLOW GAS TO 23F001B | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,416 | LTU -23 -23K001 | LTU-PDV2315 | PRESSURE DIFF VALVE SEAL OIL SUP 23K001 | 1Y | | | | F | | F | | | | | | | RLB | RLB-ILBO |
| 1,417 | LTU -23 -23F001C | LTU-PDV2315A | PRESSURE C/V PROPANE 23F001C OUTLET | 1Y | | | | F | | F | | | | | | | RLB | RLB-ILBO |
| 1,418 | LTU -23 -23F001C | LTU-PDV2315B | PRESSURE C/V PROPANE 23F001C OUTLET | 1Y | | | | F | | F | | | | | | | RLB | RLB-ILBO |
| 1,419 | LTU -23 -23F001C | LTU-PDV2316 | PRESSURE C/V PROPANE BLOW GAS TO 23F001C | 1Y | | | | F | | F | | | | | | | RLB | RLB-ILBO |
| 1,420 | LTU -23 -23F001D | LTU-PDV2318A | PRESSURE C/V PROPANE 23F001D OUTLET | 1Y | | | | F | | F | | | | | | | RLB | RLB-ILBO |
| 1,421 | LTU -23 -23F001D | LTU-PDV2318B | PRESSURE C/V PROPANE 23F001D OUTLET | 1Y | | | | F | | F | | | | | | | RLB | RLB-ILBO |
| 1,422 | LTU -23 -23F001D | LTU-PDV2319 | PRESSURE C/V PROPANE BLOW GAS TO 23F001D | 1Y | | | | F | | F | | | | | | | RLB | RLB-ILBO |
| 1,423 | LTU -23 -23F001E | LTU-PDV2321A | PRESSURE C/V PROPANE 23F001E OUTLET | 1Y | | | | F | | F | | | | | | | RLB | RLB-ILBO |
| 1,424 | LTU -23 -23F001E | LTU-PDV2321B | PRESSURE C/V PROPANE 23F001E OUTLET | 1Y | | | | F | | F | | | | | | | RLB | RLB-ILBO |
| 1,425 | LTU -23 -23F001E | LTU-PDV2322 | PRESSURE C/V PROPANE BLOW GAS TO 23F001E | 1Y | | | | F | | F | | | | | | | RLB | RLB-ILBO |
| 1,426 | LTU -22 -22B002A | LTU-PG2248 | PRESS GAUGE FUEL GAS TO BURNER 22B002A/B | 3Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,427 | LTU -23 -23K001 | LTU-PIC2364 | PRESSURE CONTROL 23K001 | 1Y | | | | | | | | | | F | | | RLB | RLB-ILBO |
| 1,428 | LTU -23 -23K001 | LTU-PIC2365 | PRESSURE CONTROL 23K001 | 1Y | | | | | | | | | | F | | | RLB | RLB-ILBO |

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S = Service T = Stand by condition check U = Running condition check V = Verify

| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|-------|------------------|---------------|--|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 1,429 | LTU -22 -22K002A | LTU-PSH2263A | PRESSURE S/W OF 22K002A OUT | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,430 | LTU -22 -22K002B | LTU-PSH2263B | PRESSURE S/W OF 22K002B OUT | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,431 | LTU -22 -22K003A | LTU-PSH2271A | PRESSURE S/W OF 22K003A OUT | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,432 | LTU -22 -22K003B | LTU-PSH2271B | PRESSURE S/W OF 22K003B OUT | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,433 | LTU -22 -22P003A | LTU-PSH2280A | PRESSURE S/W 22P003A | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,434 | LTU -22 -22P003B | LTU-PSH2280B | PRESSURE S/W 22P003B | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,435 | LTU -22 -22P004A | LTU-PSH2281A | PRESSURE S/W OF 22P004A | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,436 | LTU -22 -22P004B | LTU-PSH2281B | PRESSURE S/W OF 22P004B | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,437 | LTU -22 -22P004C | LTU-PSH2281C | PRESSURE S/W OF 22P004C | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,438 | LTU -22 -22P004D | LTU-PSH2281D | PRESSURE S/W OF 22P004D | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,439 | LTU -22 -22P008A | LTU-PSH2283A | PRESSURE S/W THERMAL OIL 22P008A | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,440 | LTU -22 -22P008B | LTU-PSH2283B | PRESSURE S/W LUBE OIL 22P008B | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,441 | LTU -22 -22P009 | LTU-PSH2284 | PRESSURE S/W THERMAL OIL 22P009 | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,442 | LTU -22 -22P011 | LTU-PSH2285 | PRESSURE S/W NMP / WATER 22P011 | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,443 | LTU -22 -22P017 | LTU-PSH2287 | PRESSURE S/W NMP / WATER 22P017 | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,444 | LTU -22 -22P018A | LTU-PSH2288A | PRESSURE S/W GLYCOL / WATER 22P018A | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,445 | LTU -22 -22P018B | LTU-PSH2288B | PRESSURE S/W GLYCOL / WATER 22P018B | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,446 | LTU -22 -22P002A | LTU-PSH2289A | PRESSURE S/W NMP / WATER 22P002A | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,447 | LTU -22 -22P002B | LTU-PSH2289B | PRESSURE S/W NMP / WATER 22P002B | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,448 | LTU -22 -22P006A | LTU-PSH2290A | PRESSURE S/W RAFF 22P006A | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,449 | LTU -22 -22P006B | LTU-PSH2290B | PRESSURE S/W RAFF 22P006B | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,450 | LTU -23 -PRESS | LTU-PSH23100 | PRESSURE S/W DRUME DRIVE OF 23F001A | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,451 | LTU -23 -PRESS | LTU-PSH23101 | PRESSURE S/W DRUME DRIVE OF 23F001B | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,452 | LTU -23 -PRESS | LTU-PSH23102 | PRESSURE S/W DRUME DRIVE OF 23F001C | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,453 | LTU -23 -PRESS | LTU-PSH23103 | PRESSURE S/W DRUME DRIVE OF 23F001D | 1Y | | | | | | | | | | | V | | RLB | RLB-ILBO |
| 1,454 | LTU -23 -PRESS | LTU-PSH23104 | PRESSURE S/W DRUME DRIVE OF 23F001E | 1Y | | | | | | | | | | | | V | RLB | RLB-ILBO |
| 1,455 | LTU -23 -23J001B | LTU-PSH2329 | PRESSURE MONITOR S/W GAS 23J001B INLET | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,456 | LTU -23 -23P003A | LTU-PSH2357A | PRESSURE S/W GLYCOL / WATER 23P003A | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,457 | LTU -23 -23P003B | LTU-PSH2357B | PRESSURE S/W GLYCOL / WATER 23P003B | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,458 | LTU -23 -23P005A | LTU-PSH2359A | PRESSURE S/W GLYCOL / WATER 23P005A | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,459 | LTU -23 -23P005B | LTU-PSH2359B | PRESSURE S/W GLYCOL / WATER 23P005B | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,460 | LTU -23 -23P019A | LTU-PSH2381A | PRESSURE S/W GASOIL 23P019A | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,461 | LTU -23 -23P019B | LTU-PSH2381B | PRESSURE S/W GASOIL 23P019B | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,462 | LTU -23 -23P006A | LTU-PSH2382A | PRESSURE S/W DBWAXED OIL 23P006A | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |

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S = Service T = Stand by condition check U = Running condition check V = Verify

| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|-------|------------------|---------------|---------------------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 1,463 | LTU -23 -23P006B | LTU-PSH2382B | PRESSURE S/W DBWAXED OIL 23P006B | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,464 | LTU -23 -23P008A | LTU-PSH2384A | PRESSURE S/W SM 23P008A | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,465 | LTU -23 -23P008B | LTU-PSH2384B | PRESSURE S/W OIL 23P008B | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,466 | LTU -23 -23P009A | LTU-PSH2385A | PRESSURE S/W SM 23P009A | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,467 | LTU -23 -23P009B | LTU-PSH2385B | PRESSURE S/W OIL 23P009B | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,468 | LTU -22 -22K002A | LTU-PSH2264A | PRESSURE S/W OF 22K002A | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,469 | LTU -22 -22K002B | LTU-PSH2264B | PRESSURE S/W OF 22K002B | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,470 | LTU -22 -22K003A | LTU-PSH2272A | PRESSURE S/W OF 22K003A | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,471 | LTU -22 -22K003B | LTU-PSH2272B | PRESSURE S/W OF 22K003B | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,472 | LTU -22 -22K002A | LTU-PSL2211A | PRESSURE S/W OF 22K002A | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,473 | LTU -22 -22K002B | LTU-PSL2211B | PRESSURE S/W OF 22K002B | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,474 | LTU -22 -22K002A | LTU-PSL2212A | PRESSURE S/W OF 22K002A | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,475 | LTU -22 -22K002B | LTU-PSL2212B | PRESSURE S/W OF 22K002B | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,476 | LTU -22 -22P002A | LTU-PSL2240 | PRESSURE S/W DRY NMP 229P002A/B DISCH | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,477 | LTU -22 -PRESS | LTU-PSL2250 | PRESSURE S/W OF SHOOT BOOMER | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,478 | LTU -22 -22K001A | LTU-PSL2251A | PRESSURE S/W 22K001A | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 1,479 | LTU -22 -22K001B | LTU-PSL2251B | PRESSURE S/W OF 22K001B | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,480 | LTU -22 -22K001A | LTU-PSL2252A | PRESSURE S/W OF 22K001A | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 1,481 | LTU -22 -22K001B | LTU-PSL2252B | PRESSURE S/W OF 22K001B | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,482 | LTU -22 -22K001A | LTU-PSL2254A | PRESSURE S/W OF 22K001A | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 1,483 | LTU -22 -22K001B | LTU-PSL2254B | PRESSURE S/W OF 22K001B | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,484 | LTU -22 -22K002A | LTU-PSL2261A | PRESSURE S/W OF 22K002A | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,485 | LTU -22 -22K002B | LTU-PSL2261B | PRESSURE S/W OF 22K002B | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,486 | LTU -22 -22K002A | LTU-PSL2265A | PRESSURE S/W OF 22K002A | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,487 | LTU -22 -22K002B | LTU-PSL2265B | PRESSURE S/W OF 22K002B | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,488 | LTU -22 -22K002A | LTU-PSL2267A | PRESSURE S/W OF 22K002A | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,489 | LTU -22 -22K002B | LTU-PSL2267B | PRESSURE S/W OF 22K002B | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,490 | LTU -22 -22K003A | LTU-PSL2269A | PRESSURE S/W OF 22K003A | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,491 | LTU -22 -22K003B | LTU-PSL2269B | PRESSURE S/W OF 22K003B | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,492 | LTU -22 -22K003A | LTU-PSL2273A | PRESSURE S/W OF 22K003A | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,493 | LTU -22 -22K003B | LTU-PSL2273B | PRESSURE S/W OF 22K003B | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,494 | LTU -22 -22K003A | LTU-PSL2275A | PRESSURE S/W OF 22K003A | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,495 | LTU -22 -22K003B | LTU-PSL2275B | PRESSURE S/W OF 22K003B | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,496 | LTU -22 -22P005A | LTU-PSL2282A | PRESSURE S/W THERMAL OIL 22P005A | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |

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|-------|------------------|---------------|--|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 1,497 | LТУ -22 -22P005A | LТУ-PSL2282B | PRESSURE S/W THERMAL OIL 22P005B | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,498 | LТУ -22 -22P005B | LТУ-PSL2282C | PRESSURE S/W THERMAL OIL 22P005A | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,499 | LТУ -22 -22P005B | LТУ-PSL2282D | PRESSURE S/W THERMAL OIL 22P005B | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,500 | LТУ -22 -22P014 | LТУ-PSL2286 | PRESSURE S/W OF 22P014 | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,501 | LТУ -23 -23D002 | LТУ-PSL2305 | PRESSURE S/W PROPANE 23D002 OUTLET | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,502 | LТУ -23 -23P002A | LТУ-PSL2356A | PRESSURE S/W INST AIR 23P002 A | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,503 | LТУ -23 -23P002B | LТУ-PSL2356B | PRESSURE S/W INST AIR 23P002 B | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,504 | LТУ -23 -23P002C | LТУ-PSL2356C | PRESSURE S/W 23P002 C | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,505 | LТУ -23 -23P002D | LТУ-PSL2356D | PRESSURE S/W 23P002 D | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,506 | LТУ -23 -23P002E | LТУ-PSL2356E | PRESSURE S/W 23P002 E | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,507 | LТУ -23 -23P002C | LТУ-PSL2356F | PRESSURE S/W OF 23P002C | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,508 | LТУ -23 -23P002D | LТУ-PSL2356G | PRESSURE S/W OF 23P002D | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,509 | LТУ -23 -23P002D | LТУ-PSL2356H | PRESSURE S/W OF 23P002D | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,510 | LТУ -23 -23P002E | LТУ-PSL2356I | PRESSURE S/W OF 23P002E | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,511 | LТУ -23 -23P002E | LТУ-PSL2356J | PRESSURE S/W OF 23P002E | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,512 | LТУ -23 -23P004A | LТУ-PSL2358A | PRESSURE S/W GLYCOL/ WATER 23P004A | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,513 | LТУ -23 -23P004A | LТУ-PSL2358B | PRESSURE S/W GLYCOL/ WATER 23P004A | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,514 | LТУ -23 -23P004B | LТУ-PSL2358C | PRESSURE S/W GLYCOL/ WATER 23P004B | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,515 | LТУ -23 -23P004B | LТУ-PSL2358D | PRESSURE S/W GLYCOL/ WATER 23P004B | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,516 | LТУ -23 -23K001 | LТУ-PSL2361 | PRESSURE S/W STANDBY OIL PUMP 23K001 | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,517 | LТУ -23 -23K001 | LТУ-PSL2363 | PRESSURE S/W OF 23K001 SP 17 NOR 189 BAR | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,518 | LТУ -23 -23K001 | LТУ-PSL2366 | PRESSURE S/W OF 23K001 | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,519 | LТУ -23 -23K001 | LТУ-PSL2369 | PRESSURE S/W OF 23K001 SP 5 NOR 705 BAR | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,520 | LТУ -22 -22K001A | LТУ-PSLL2253A | PRESSURE S/W OF 22K001A | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,521 | LТУ -22 -22K001B | LТУ-PSLL2253B | PRESSURE S/W OF 22K001B | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 1,522 | LТУ -22 -22K002A | LТУ-PSLL2262A | PRESSURE S/W OF 22K002A | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,523 | LТУ -22 -22K002B | LТУ-PSLL2262B | PRESSURE S/W OF 22K002B | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,524 | LТУ -22 -22K002A | LТУ-PSLL2266A | PRESSURE S/W OF 22K002A | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,525 | LТУ -22 -22K002B | LТУ-PSLL2266B | PRESSURE S/W OF 2 | | | | | | | | | | | | | | | |

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|-------|------------------|----------------|-------------------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 1,565 | LТУ -22 -PRD | LТУ-PSV2223 | SV OF 22C006 | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,566 | LТУ -22 -PRD | LТУ-PSV2224 | SV OF 22P006 | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,567 | LТУ -22 -PRD | LТУ-PSV2225 | SV OF 22D003 | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,568 | LТУ -22 -PRD | LТУ-PSV2226 | SV OF 22C007 | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,569 | LТУ -22 -PRD | LТУ-PSV2227A | SV OF 22D001 | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,570 | LТУ -22 -PRD | LТУ-PSV2227B | SV OF 22D001 | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,571 | LТУ -22 -PRD | LТУ-PSV2228 | SV OF 22C005 | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,572 | LТУ -22 -PRD | LТУ-PSV2229 | SV OF 22P015 | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,573 | LТУ -22 -PRD | LТУ-PSV2233 | SV OF 22P016 | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,574 | LТУ -22 -PRD | LТУ-PSV2235 | SV OF 22E006A | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,575 | LТУ -22 -PRD | LТУ-PSV2236 | SV OF 22E006E | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,576 | LТУ -22 -PRD | LТУ-PSV2237 | SV OF 22E026 | 10Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,577 | LТУ -22 -PRD | LТУ-PSV2238 | SV OF 22E001 | 10Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,578 | LТУ -22 -PRD | LТУ-PSV2240 | SV OF 22E028 | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,579 | LТУ -22 -PRD | LТУ-PSV2243 | SV OF 22E027 | 10Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,580 | LТУ -22 -PRD | LТУ-PSV2244 | SV OF 22E024 | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,581 | LТУ -22 -PRD | LТУ-PSV2245 | SV OF 22E003A/B | 10Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,582 | LТУ -22 -PRD | LТУ-PSV2246 | SV OF 22C001 | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,583 | LТУ -22 -PRD | LТУ-PSV2247 | SV OF 22D009 | 10Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,584 | LТУ -22 -PRD | LТУ-PSV2250 | PRESSURE RELIEF DEVICES FOR 22E011 | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,585 | LТУ -22 -22D001 | LТУ-PSV2251 | "6"*SL2204051A13100W(22D001)" | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,586 | LТУ -22 -22K002A | LТУ-PSV2264A | TPr AT 22K002A | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,587 | LТУ -22 -22K002B | LТУ-PSV2264B | TPr AT 22K002B | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,588 | LТУ -22 -22K002A | LТУ-PSV2265A | WR AT 22K002A | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,589 | LТУ -22 -22K002B | LТУ-PSV2265B | WR AT 22K002B | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,590 | LТУ -22 -22K003A | LТУ-PSV2267A | PRESSURE RELIEF DEVICES FOR 22K003A | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,591 | LТУ -22 -PRD | LТУ-PSV2267B | PRESSURE RELIEF DEVICES FOR 22K003B | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,592 | LТУ -22 -22K003A | LТУ-PSV2268A | PRESSURE RELIEF DEVICES FOR 22K003A | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,593 | LТУ -22 -PRD | LТУ-PSV2268B | PRESSURE RELIEF DEVICES FOR 22K003B | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,594 | LТУ -22 -PRD | LТУ-PSV22P002B | Pressure relief device | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,595 | LТУ -23 -PRD | LТУ-PSV2301 | SV OF 23D001 | 5Y | | | I | | | | | | | | | | | |

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| 1,599 | LТУ -23 -PRD | LТУ-PSV2305A | SV OF 23D004 | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,600 | LТУ -23 -PRD | LТУ-PSV2305B | SV OF 23D004 | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,601 | LТУ -23 -PRD | LТУ-PSV2306 | SV OF 23F001A | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,602 | LТУ -23 -PRD | LТУ-PSV2307 | SV OF 23P002A | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,603 | LТУ -23 -PRD | LТУ-PSV2308 | SV OF 23F001B | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,604 | LТУ -23 -PRD | LТУ-PSV2309 | SV OF 23P002B | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,605 | LТУ -23 -PRD | LТУ-PSV2310 | SV OF 23F001C | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,606 | LТУ -23 -PRD | LТУ-PSV23101 | "SV OF 3**-P-2312006-B11RV80K" | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,607 | LТУ -23 -PRD | LТУ-PSV2311 | SV OF 23P002C | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,608 | LТУ -23 -23P021A | LТУ-PSV23111 | PRESSURE RELIEF DEVICE FOR 23P021A | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,609 | LТУ -23 -23P021B | LТУ-PSV23112 | PRESSURE RELIEF DEVICE FOR 23P021B | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,610 | LТУ -23 -23P022A | LТУ-PSV23113 | PRESSURE RELIEF DEVICE FOR 23P022A | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,611 | LТУ -23 -23P022B | LТУ-PSV23114 | PRESSURE RELIEF DEVICE FOR 23P022B | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,612 | LТУ -23 -PRD | LТУ-PSV23119 | PRESSURE RELIEF DEVICE FOR PIPING | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,613 | LТУ -23 -PRD | LТУ-PSV2312 | SV OF 23F001D | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,614 | LТУ -23 -PRD | LТУ-PSV2313 | SV OF 23P002D | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,615 | LТУ -23 -PRD | LТУ-PSV2314 | SV OF 23F001E | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,616 | LТУ -23 -PRD | LТУ-PSV2315 | SV OF 23P002E DISCH | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,617 | LТУ -23 -PRD | LТУ-PSV2316 | SV OF 23D005 | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,618 | LТУ -23 -PRD | LТУ-PSV2317A | SV OF 23D006 | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,619 | LТУ -23 -PRD | LТУ-PSV2317B | SV OF 23D006 | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,620 | LТУ -23 -PRD | LТУ-PSV2318A | SV OF 23D007 | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,621 | LТУ -23 -PRD | LТУ-PSV2318B | SV OF 23D007 | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,622 | LТУ -23 -PRD | LТУ-PSV2319 | SV OF 23C001 | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,623 | LТУ -23 -PRD | LТУ-PSV2320 | SV OF 23D008 | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,624 | LТУ -23 -PRD | LТУ-PSV2321 | SV OF 23D009 | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,625 | LТУ -23 -PRD | LТУ-PSV2322 | SV OF 23J001B | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,626 | LТУ -23 -PRD | LТУ-PSV2323 | SV OF 23D010 | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,627 | LТУ -23 -23P007A | LТУ-PSV2324 | PRESSURE RELIEF DEVICE FOR 23P007A | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,628 | LТУ -23 -23P007A | LТУ-PSV2325 | PRESSURE RELIEF DEVICE FOR 23P007A | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,629 | LТУ -23 -PRD | LТУ-PSV2326 | | | | | | | | | | | | | | | | |

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| 1,633 | LТУ -23 -PRD | LТУ-PSV2329 | SV OF 23K001 | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,634 | LТУ -23 -PRD | LТУ-PSV2330 | SV OF 23K001 | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,635 | LТУ -23 -PRD | LТУ-PSV2331A | SV OF 23D013 | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,636 | LТУ -23 -PRD | LТУ-PSV2331B | SV OF 23D013 | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,637 | LТУ -23 -PRD | LТУ-PSV2332 | SV OF 23D014 | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,638 | LТУ -23 -PRD | LТУ-PSV2333 | SV OF 23Z002 | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,639 | LТУ -23 -PRD | LТУ-PSV2334 | SV OF 23P015A | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,640 | LТУ -23 -PRD | LТУ-PSV2335 | SV OF 23P015B | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,641 | LТУ -23 -PRD | LТУ-PSV2336 | SV OF 23P016A | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,642 | LТУ -23 -PRD | LТУ-PSV2337 | SV OF 23P016B | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,643 | LТУ -23 -PRD | LТУ-PSV2338 | SV OF 23D018 | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,644 | LТУ -23 -PRD | LТУ-PSV2339 | SV OF 23P017A | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,645 | LТУ -23 -PRD | LТУ-PSV2340 | SV OF 23P017B | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,646 | LТУ -23 -PRD | LТУ-PSV2341 | SV OF 23D019 | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,647 | LТУ -23 -PRD | LТУ-PSV2342 | SV OF 23D020 | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,648 | LТУ -23 -PRD | LТУ-PSV2343 | SV OF 23D017 | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,649 | LТУ -23 -PRD | LТУ-PSV2344 | SV OF 23E003 | 10Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,650 | LТУ -23 -PRD | LТУ-PSV2345 | SV OF 23E008A | 10Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,651 | LТУ -23 -PRD | LТУ-PSV2346 | SV OF 23E008A | 10Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,652 | LТУ -23 -PRD | LТУ-PSV2347 | SV OF 23E015A | 10Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,653 | LТУ -23 -PRD | LТУ-PSV2348 | SV OF 23E018 | 10Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,654 | LТУ -23 -PRD | LТУ-PSV2349 | SV OF 23E016 | 10Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,655 | LТУ -23 -PRD | LТУ-PSV2350 | SV OF 23K001 | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,656 | LТУ -23 -23E001 | LТУ-PSV2351A | PRESSURE RELIEF DEVICE FOR 23E001 | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,657 | LТУ -23 -PRD | LТУ-PSV2351B | PRESSURE RELIEF DEVICES | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,658 | LТУ -23 -PRD | LТУ-PSV2352 | SV OF 23E004A | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,659 | LТУ -23 -PRD | LТУ-PSV2353 | SV OF 23E004C | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,660 | LТУ -23 -PRD | LТУ-PSV2354 | SV OF 23E014 | 10Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,661 | LТУ -23 -PRD | LТУ-PSV2355 | SV OF 23E021 | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,662 | LТУ -23 -PRD | LТУ-PSV2356 | SV OF 23D006 | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,663 | LТУ -23 -PRD | LТУ-PSV2357 | SV OF 23K001 | 10Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,664 | LТУ -23 -PRD | LТУ-PSV2358 | SV OF 23K001 | 5Y | | | | | | | | | | | | | | |

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| 1,667 | LTU -23 -PRD | LTU-PSV2363 | SV OF 23K001P01 | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,668 | LTU -23 -PRD | LTU-PSV2364 | SV OF 23K001P02 | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 1,669 | LTU -61 -PRESS | LTU-PT0001 | PRESSURE TRANS STEAM VDU/DAU SSH TO | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,670 | LTU -61 -61D102 | LTU-PT0002 | PRESSURE TRANS STEAM OUTLET 61D102 | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,671 | LTU -61 -PRESS | LTU-PT0003 | PRESSURE TRANS STEAM OUTLET 61Z101 | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,672 | LTU -61 -PRESS | LTU-PT0004 | PRESSURE TRANS STEAM OUTLET 61Z102 | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,673 | LTU -61 -PRESS | LTU-PT0005 | PRESSURE TRANS STEAM OUTLET 61Z104 | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,674 | LTU -61 -61D101 | LTU-PT0008 | PRESSURE TRANS FUEL GAS OUTLET 61D101 | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,675 | LTU -61 -PRESS | LTU-PT0051 | PRESSURE TRANS OF 35 BAR STEAM | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,676 | LTU -22 -22C001 | LTU-PT2201 | PRESSURE TRANS RAFFINAT SOL 22C001 OUT | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,677 | LTU -22 -PRESS | LTU-PT2202 | PRESSURE TRANS NMP COMBIN TO 22E004A/B | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,678 | LTU -22 -22D003 | LTU-PT2203 | PRESSURE TRANS STRIP GAS 22D003 OUTLET | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,679 | LTU -22 -22E010 | LTU-PT2204 | PRESSURE TRANS STRIP GAS TO 22E010 | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,680 | LTU -22 -22R001 | LTU-PT2222 | PRESSURE TRANS RAFFINAT 22R001 INLET | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,681 | LTU -22 -22R001 | LTU-PT2223 | PRESSURE TRANS RAFFINAT 22R001 OUTLET | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,682 | LTU -22 -22C006 | LTU-PT2224 | PRESSURE TRANS TAIL GAS 22C006 OVHD | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,683 | LTU -22 -22K003A | LTU-PT2225 | PRESS TRANS OFF GAS 22K003A/B SUCTION | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,684 | LTU -22 -22C008 | LTU-PT2228 | PRESSURE TRANS OFF GAS 22C008 OVHD | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,685 | LTU -22 -22T001 | LTU-PT2231 | PRESSURE TRANS N2 TO 22T001 | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,686 | LTU -22 -22D011 | LTU-PT2236 | PRESSURE TRANS INERT GAS 22D011 OUTLET | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,687 | LTU -22 -22T004 | LTU-PT2237 | PRESSURE TRANS WATER 22T004 INLET | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,688 | LTU -22 -22C006 | LTU-PT2238 | PRESSURE TRANS TAIL GAS TO 22C006 | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,689 | LTU -22 -PRESS | LTU-PT2244 | PRESSURE TRANS STEAM 22D001 OUTLET | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,690 | LTU -22 -PRESS | LTU-PT2247 | PRESSURE TRANS TAIL GAS 22D005 INLET | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,691 | LTU -22 -PRESS | LTU-PT2249 | PRESSURE TRANS SOUR GAS 22C005 OUTLET | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,692 | LTU -23 -23D001 | LTU-PT2302 | PRESSURE TRANS (DIAPH) 23D001 OUTLET | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,693 | LTU -23 -23D002 | LTU-PT2304 | PRESSURE TRANS PROPANE 23D002 OUTLET | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,694 | LTU -23 -23D004 | LTU-PT2306 | PRESSURE TRANS PROPANE 23D004 OUTLET | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,695 | LTU -23 -23F001A | LTU-PT2311 | PRESSURE TRANS (DIAPH) OIL/PRO 23F001A | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,696 | LTU -23 -23F001B | LTU-PT2314 | PRESSURE TRANS (DIAPH) OIL/PRO 23F001B | | | | | | | | | | | | | | | |

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| 1,701 | LTU -23 -23D006 | LTU-PT2325 | PRESSURE TRANS PROPANE 23D006 OUTLET | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,702 | LTU -23 -23D007 | LTU-PT2326 | PRESSURE TRANS PROPANE 23D007 OUTLET | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,703 | LTU -23 -PRESS | LTU-PT2327 | PRESSURE TRANS PROPANE 23P005A/B DISCH | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,704 | LTU -23 -23D008 | LTU-PT2328 | PRESSURE TRANS PROPANE 23D008 OUTLET | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,705 | LTU -23 -PRESS | LTU-PT2329 | PRESSURE TRANS COND GAS 23J001B INLET | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,706 | LTU -23 -23D010 | LTU-PT2330 | PRESSURE TRANS PROPANE 23D010 INLET | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,707 | LTU -23 -23D011 | LTU-PT2331 | PRESSURE TRANS PROPANE 23D011 OUTLET | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,708 | LTU -23 -23D012 | LTU-PT2332 | PRESSURE TRANS PROPANE 23D012 OUTLET | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,709 | LTU -23 -23K001 | LTU-PT2333 | PRESSURE TRANS PROPANE 23K001 INLET | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,710 | LTU -23 -23K001 | LTU-PT2334 | PRESSURE TRANS PROPANE 23K001 OUTLET | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,711 | LTU -23 -23K001 | LTU-PT2335 | PRESSURE TRANS PROPANE 23K001 OUTLET | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,712 | LTU -23 -23K001 | LTU-PT2336 | PRESSURE TRANS HP STEAM SSH TO 23K001 | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,713 | LTU -23 -23K001 | LTU-PT2337 | PRESSURE TRANS LP STEAM SL FROM 23K001 | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,714 | LTU -23 -23D013 | LTU-PT2338 | PRESSURE TRANS PROPANE 23D013 TOP | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,715 | LTU -23 -23D014 | LTU-PT2340 | PRESSURE TRANS SLOP OIL 23D014 OUTLET | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,716 | LTU -23 -23D017 | LTU-PT2341 | PRESSURE TRANS KERO 23D017 INLET | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,717 | LTU -23 -23D008 | LTU-PT2343 | PRESSURE TRANS PROPANE 23D008 INLET | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,718 | LTU -23 -23D017 | LTU-PT2345 | PRESSURE TRANS PROPANE 23D017 INLET | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,719 | LTU -23 -PRESS | LTU-PT2351 | PRESSURE TRANS HP STEAM SSH HEADER | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,720 | LTU -23 -PRESS | LTU-PT2352 | PRESSURE TRANS LP STEAM SL HEADER | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,721 | LTU -23 -PRESS | LTU-PT2353 | PRESSURE TRANS STEAM SM HEADER | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,722 | LTU -23 -PRESS | LTU-PT2354 | PRESSURE TRANS WATER COOL WATER HEADER | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,723 | LTU -23 -PRESS | LTU-PT2355 | PRESSURE TRANS INST AIR INST AIR HEADER | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,724 | LTU -23 -23D015 | LTU-PT2376 | PRESSURE TRANS OF 23D015 VACUUM SYSTEM | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,725 | LTU -23 -23K001 | LTU-PT2383 | PRESSURE TRANS SM 23K001 DISCH | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,726 | LTU -23 -23D007 | LTU-PT2393 | PRESSURE TRANSMITTER | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,727 | LTU -61 -61D102 | LTU-PV0002 | PRESSURE C/V STEAM OUTLET 61D102 | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,728 | LTU -61 -CV | LTU-PV0003 | PRESSURE C/V STEAM OUTLET 61Z101 | 1Y | | | | | | | | | | F | | | RLB | RLB-ILBO |
| 1,729 | LTU -61 -CV | LTU-PV0004A | PRESSURE C/V STEAM OUTLET 61Z102 | 1Y | | | | | | | | | | F | | | RLB | RLB-ILBO |
| 1,730 | LTU -61 -CV | | | | | | | | | | | | | | | | | |

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|-------|------------------|---------------|--|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 1,735 | LTU -22 -22D003 | LTU-PV2203A | PRESSURE C/V STRIP GAS 22D003 OUTLET | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 1,736 | LTU -22 -22D003 | LTU-PV2203B | PRESSURE C/V STRIP GAS 22D003 OUTLET | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 1,737 | LTU -22 -22E010 | LTU-PV2204 | PRESSURE C/V STRIP GAS TO 22E010 | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 1,738 | LTU -22 -22B001 | LTU-PV2206 | PRESSURE C/V FUEL GAS TO BURNER | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 1,739 | LTU -22 -22B001 | LTU-PV2208 | PRESSURE C/V FUEL GAS TO BURNER | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 1,740 | LTU -22 -22B002A | LTU-PV2215 | PRESSURE C/V FUEL GAS TO BURNER 22B002AB | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 1,741 | LTU -22 -22B002A | LTU-PV2217 | PRESSURE C/V FUEL GAS TO BURNER 22B002AB | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 1,742 | LTU -22 -22C006 | LTU-PV2224 | PRESSURE C/V TAIL GAS 22C006 OVHD | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 1,743 | LTU -22 -22K003A | LTU-PV2225A | PRESSURE C/V OFF GAS 22K003A/B SUCTION | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 1,744 | LTU -22 -22K003A | LTU-PV2225B | PRESSURE C/V OFF GAS 22K003A/B SUCTION | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 1,745 | LTU -22 -22C008 | LTU-PV2228 | PRESSURE C/V OFF GAS 22C008 OVHD | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 1,746 | LTU -22 -22T001 | LTU-PV2231 | PRESSURE C/V N2 TO 22T001 | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 1,747 | LTU -22 -22D011 | LTU-PV2236A | PRESSURE C/V INERT GAS 22D011 OUTLET | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 1,748 | LTU -22 -22D011 | LTU-PV2236B | PRESSURE C/V INERT GAS 22D011 OUTLET | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 1,749 | LTU -22 -22T004 | LTU-PV2237 | PRESSURE C/V WATER 22T004 INLET | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 1,750 | LTU -22 -22C006 | LTU-PV2238 | PRESSURE C/V TAIL GAS TO 22C006 | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 1,751 | LTU -22 -CV | LTU-PV2251 | PRESSURE C/V OF 22D001 OUT | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 1,752 | LTU -23 -23D001 | LTU-PV2302 | PRESSURE C/V WARM SOL 23D001 OUTLET | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,753 | LTU -23 -23D002 | LTU-PV2304 | PRESSURE C/V PROPANE 23D002 OUTLET | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,754 | LTU -23 -23D004 | LTU-PV2306 | PRESSURE C/V PROPANE 23D004 OUTLET | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,755 | LTU -23 -23F001A | LTU-PV2311 | PRESSURE C/V OIL & PROPANE 23F001A OUT | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,756 | LTU -23 -23F001B | LTU-PV2314 | PRESSURE C/V OIL & PROPANE 23F001B OUT | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,757 | LTU -23 -23F001C | LTU-PV2317 | PRESSURE C/V OIL & PROPANE 23F001C OUT | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,758 | LTU -23 -23F001D | LTU-PV2320 | PRESSURE C/V OIL & PROPANE 23F001D | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,759 | LTU -23 -23F001E | LTU-PV2323 | PRESSURE C/V OIL 23F001E DRY PORT | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,760 | LTU -23 -23D005 | LTU-PV2324A | PRESSURE C/V PROPANE 23D005 OUTLET | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,761 | LTU -23 -23D005 | LTU-PV2324B | PRESSURE C/V PROPANE 23D005 OUTLET | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,762 | LTU -23 -23D006 | LTU-PV2325 | PRESSURE C/V PROPANE 23D006 OUTLET | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,763 | LTU -23 -23 | | | | | | | | | | | | | | | | | |

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|-------|-----------------|---------------|---------------------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 1,769 | LTU -23 -23D013 | LTU-PV2338 | PRESSURE C/V PROPANE 23D013 TOP | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,770 | LTU -23 -23D017 | LTU-PV2341 | PRESSURE C/V KERO 23D017 INLET | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,771 | LTU -23 -23D008 | LTU-PV2343 | PRESSURE C/V PROPANE 23D008 INLET | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,772 | LTU -23 -23D017 | LTU-PV2345 | PRESSURE C/V PROPANE 23D017 INLET | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,773 | LTU -23 -23D015 | LTU-PV2376 | PRESSURE C/V OF 23D015 VACUUM SYSTEM | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,774 | LTU -22 -CV | LTU-RBV2201 | ON-OFF V/V DRY NMP 22R003 INLET | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,775 | LTU -22 -CV | LTU-RBV2202 | ON-OFF V/V DRY NMP NMP TO 22P002A/B | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,776 | LTU -22 -CV | LTU-RBV2203 | ON-OFF V/V NITROGEN 22R003 INLET | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,777 | LTU -22 -CV | LTU-RBV2204 | ON-OFF V/V DEMI WATER 22R003 BY-PASS | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,778 | LTU -22 -CV | LTU-RBV2205 | ON-OFF V/V WASTE WATER 22R003 OUTLET | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,779 | LTU -22 -CV | LTU-RBV2206 | ON-OFF V/V CAUSTIC SOL 22R003 INLET | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,780 | LTU -22 -CV | LTU-RBV2207 | ON-OFF V/V CAUSTIC SOL TO WATER | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,781 | LTU -22 -CV | LTU-RBV2208 | ON-OFF V/V DEMI WATER 22R003 INLET | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,782 | LTU -22 -CV | LTU-RBV2209 | ON-OFF V/V DRY NMP 22R003 BTM OUTLET | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,783 | LTU -22 -CV | LTU-RBV2210 | ON-OFF V/V NITROGEN WET NMP TO 22T003 | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,784 | LTU -22 -CV | LTU-RBV2211 | ON-OFF V/V CAUSTIC SOL 22P016 DISCH | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,785 | LTU -22 -CV | LTU-RBV2212 | ON-OFF V/V DEMI WATER 22E026 OUTLET | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,786 | LTU -22 -CV | LTU-RBV2213 | ON-OFF V/V STEAM 22E026 INLET | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,787 | LTU -22 -CV | LTU-RBV2214 | ON-OFF V/V DRY NMP NMP TO 22P002A/B | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,788 | LTU -22 -CV | LTU-RBV2215 | ON-OFF V/V NMP DRY NMP TO 22D002 | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,789 | LTU -23 -CV | LTU-RBV2301 | ON-OFF V/V KERO 23D003A OUTLET | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,790 | LTU -23 -CV | LTU-RBV2302 | ON-OFF V/V KERO 23D003A OUTLET | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,791 | LTU -23 -CV | LTU-RBV2303 | ON-OFF V/V KERO 23D003A OUTLET | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,792 | LTU -23 -CV | LTU-RBV2304 | ON-OFF V/V KERO 23D003A OUTLET | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,793 | LTU -23 -CV | LTU-RBV2305 | ON-OFF V/V KERO 23D003B OUTLET | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,794 | LTU -23 -CV | LTU-RBV2306 | ON-OFF V/V KERO 23D003B OUTLET | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,795 | LTU -23 -CV | LTU-RBV2307 | ON-OFF V/V KERO 23D003B OUTLET | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,796 | LTU -23 -CV | LTU-RBV2308 | ON-OFF V/V KERO 23D003B OUTLET | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,797 | LTU -23 -CV | LTU-RBV2309 | ON-OFF V/V PROPANE 23D003A INLET | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,798 | LTU -23 -CV | LTU-RBV2310 | ON-OFF V/V PROPANE 23D003B INLET | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,799 | LTU -23 -CV | LTU-RBV2312 | ON-OFF V/V PROPANE 23D003A OUTLET | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,800 | LTU -23 -CV | LTU-RBV2313 | ON-OFF V/V PROPANE 23D003B OUTLET | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,801 | LTU -23 -CV | LTU-RBV2314 | ON-OFF V/V PROPANE 23D003A SPRAY | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,802 | LTU -23 -CV | LTU-RBV2315 | ON-OFF V/V PROPANE 23D003B SPRAY | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |

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S = Service T = Stand by condition check U = Running condition check V = Verify

| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|-------|-----------------|---------------|---|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 1,803 | LTU -23 -CV | LTU-RBV2316 | ON-OFF V/V PROPANE 23D002 OUTLET | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,804 | LTU -23 -CV | LTU-RBV2350 | ON-OFF V/V OIL& PROPANE 23F001A INLET | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,805 | LTU -23 -CV | LTU-RBV2351 | ON-OFF V/V PROPANE 23F001A INLET | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,806 | LTU -23 -CV | LTU-RBV2352 | ON-OFF V/V OIL& PROPANE FROM 23P003A/B | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,807 | LTU -23 -CV | LTU-RBV2353 | ON-OFF V/V PROPANE 23F001A INLET | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,808 | LTU -23 -CV | LTU-RBV2354 | ON-OFF V/V OIL& PROPANE FIL TO 23D007 | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,809 | LTU -23 -CV | LTU-RBV2355 | ON-OFF V/V OIL& KERO FILTRATE TO 23D007 | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,810 | LTU -23 -CV | LTU-RBV2356 | ON-OFF V/V OIL& KERO 23F001A OUTLET | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,811 | LTU -23 -CV | LTU-RBV2357 | ON-OFF V/V KERO TO FILTER WASH | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,812 | LTU -23 -CV | LTU-RBV2360 | ON-OFF V/V OIL WAX& PROPANE 23F001B IN | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,813 | LTU -23 -CV | LTU-RBV2361 | ON-OFF V/V PROPANE DRY FR 23P005A/B | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,814 | LTU -23 -CV | LTU-RBV2362 | ON-OFF V/V OIL& PROPANE FROM 23P003A/B | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,815 | LTU -23 -CV | LTU-RBV2363 | ON-OFF V/V PROPANE 23F001B INLET | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,816 | LTU -23 -CV | LTU-RBV2364 | ON-OFF V/V OIL& PROPANE FIL TO 23D007 | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,817 | LTU -23 -CV | LTU-RBV2365 | ON-OFF V/V OIL& KERO FILTRATE TO 23D007 | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,818 | LTU -23 -CV | LTU-RBV2366 | ON-OFF V/V OIL& KERO 23F001B OUTLET | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,819 | LTU -23 -CV | LTU-RBV2367 | ON-OFF V/V KERO 23F001B INLET | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,820 | LTU -23 -CV | LTU-RBV2370 | ON-OFF V/V OIL WAX& PROPANE 23F001C IN | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,821 | LTU -23 -CV | LTU-RBV2371 | ON-OFF V/V PROPANE 23F001C INLET | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,822 | LTU -23 -CV | LTU-RBV2372 | ON-OFF V/V OIL& PROPANE FROM 23P003A/B | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,823 | LTU -23 -CV | LTU-RBV2373 | ON-OFF V/V PROPANE 23F001C INLET | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,824 | LTU -23 -CV | LTU-RBV2374 | ON-OFF V/V OIL& PROPANE FIL TO 23D007 | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,825 | LTU -23 -CV | LTU-RBV2375 | ON-OFF V/V OIL& KERO FILTRATE TO 23D007 | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,826 | LTU -23 -CV | LTU-RBV2376 | ON-OFF V/V OIL& KERO 23F001C OUTLET | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,827 | LTU -23 -CV | LTU-RBV2377 | ON-OFF V/V KERO 23F001C INLET | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,828 | LTU -23 -CV | LTU-RBV2380 | ON-OFF V/V OIL WAX& PROPANE 23F001D IN | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,829 | LTU -23 -CV | LTU-RBV2381 | ON-OFF V/V PROPANE DRY FR 23P005A/B | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,830 | LTU -23 -CV | LTU-RBV2382 | ON-OFF V/V OIL& PROPANE FROM 23P003A/B | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,831 | LTU -23 -23K001 | LTU-RBV2383 | ON-OFF V/V PROPANE GAS FLOW 23K001 | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,832 | LTU -23 -CV | LTU-RBV2384 | ON-OFF V/V OIL& PROPANE FIL TO 23D006 | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,833 | LTU -23 -CV | LTU-RBV2385 | ON-OFF V/V OIL& KERO FILTRATE TO 23D006 | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,834 | LTU -23 -CV | LTU-RBV2386 | ON-OFF V/V OIL& KERO 23F001D OUTLET | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,835 | LTU -23 -CV | LTU-RBV2387 | ON-OFF V/V KERO 23F001D INLET | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,836 | LTU -23 -CV | LTU-RBV2390 | ON-OFF V/V OIL WAX&PROPANE FR 23D005 | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |

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|-------|------------------|---------------|---|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|----------|
| 1,837 | LTU -23 -CV | LTU-RBV2391 | ON-OFF V/V PROPANE DRY FR 23P005A/B | 1Y | | | | | | | | | | | | | F | RLB | RLB-ILBO |
| 1,838 | LTU -23 -CV | LTU-RBV2392 | ON-OFF V/V PROPANE DRY FR 23P005A/B | 1Y | | | | | | | | | | | | | F | RLB | RLB-ILBO |
| 1,839 | LTU -23 -CV | LTU-RBV2393 | ON-OFF V/V PROPANE 23F001E INLET | 1Y | | | | | | | | | | | | | F | RLB | RLB-ILBO |
| 1,840 | LTU -23 -CV | LTU-RBV2394 | ON-OFF V/V OIL & PROPANE 23D006 INLET | 1Y | | | | | | | | | | | | | F | RLB | RLB-ILBO |
| 1,841 | LTU -23 -CV | LTU-RBV2395 | ON-OFF V/V OIL & KERO 23F001E OUTLET | 1Y | | | | | | | | | | | | | F | RLB | RLB-ILBO |
| 1,842 | LTU -23 -CV | LTU-RBV2396 | ON-OFF V/V OIL & PROPANE 23F001E OUTLET | 1Y | | | | | | | | | | | | | F | RLB | RLB-ILBO |
| 1,843 | LTU -23 -CV | LTU-RBV2397 | ON-OFF V/V KERO 23F001E INLET | 1Y | | | | | | | | | | | | | F | RLB | RLB-ILBO |
| 1,844 | LTU -OCR-SIS | LTU-SIS | LTU LUBE ESD SYSTEM | 3M | | | I | | | I | | | I | | | | I | OCS | OCS-SYS |
| 1,845 | LTU -OCR-SIS | LTU-SIS | LTU LUBE ESD SYSTEM | 6M | | | I | | | | | | I | | | | | OCS | OCS-SYS |
| 1,846 | LTU -OCR-SIS | LTU-SIS | LTU LUBE ESD SYSTEM | 3M | | | | | | U | | | | | | | U | OCS | OCS-SYS |
| 1,847 | LTU -23 -23K001 | LTU-SOV2302 | MED. PRESS. STEAM SUPPLY | 1Y | | | | | I | | | | | | | | | RLB | RLB-ILBO |
| 1,848 | LTU -23 -23K001 | LTU-SOV2312 | SOLENOID VALVE CONTROL OIL TRIP | 1Y | | | | | I | | | | | | | | | RLB | RLB-ILBO |
| 1,849 | LTU -23 -23K001 | LTU-SOV2338 | SOLENOID OF 23K001 | 1Y | | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 1,850 | LTU -22 -22P006A | LTU-SS22P006A | SOFT START FOR SS22P006A | 1Y | | | | | | | | | | | P | | | OCH | OCH-VSD |
| 1,851 | LTU -22 -22K006A | LTU-SS22P006A | SOFT START FOR SS22P006A | 3M | | I | | | I | | | I | | | | I | | OCH | OCH-VSD |
| 1,852 | LTU -22 -22P006B | LTU-SS22P006B | SOFT START FOR SS22P006B | 1Y | | | | | | | | | | | P | | | OCH | OCH-VSD |
| 1,853 | LTU -22 -22P006B | LTU-SS22P006B | SOFT START FOR SS22P006B | 3M | | I | | | I | | | I | | | | I | | OCH | OCH-VSD |
| 1,854 | LTU -23 -23P005A | LTU-SS23P005A | SOFT START FOR SS22P005A | 1Y | | | | | | | | | | | P | | | OCH | OCH-VSD |
| 1,855 | LTU -23 -23P005A | LTU-SS23P005A | SOFT START FOR SS22P005A | 3M | | I | | | I | | | I | | | | I | | OCH | OCH-VSD |
| 1,856 | LTU -23 -23P005B | LTU-SS23P005B | SOFT START FOR SS22P005B | 1Y | | | | | | | | | | | P | | | OCH | OCH-VSD |
| 1,857 | LTU -23 -23P005B | LTU-SS23P005B | SOFT START FOR SS22P005B | 3M | | I | | | I | | | I | | | | I | | OCH | OCH-VSD |
| 1,858 | LTU -22 -22K002A | LTU-SV1 | CAPACITY CONTROL OF 22K002A | 1Y | | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 1,859 | LTU -22 -22K003B | LTU-SV10 | CAPACITY CONTROL OF 22K003B | 1Y | | | | | | F | | | | | | | | RLB | RLB-ILBO |
| 1,860 | LTU -22 -22K002A | LTU-SV2 | CAPACITY CONTROL OF 22K002A | 1Y | | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 1,861 | LTU -22 -22K002A | LTU-SV3 | CAPACITY CONTROL OF 22K002A | 1Y | | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 1,862 | LTU -22 -22K002B | LTU-SV4 | CAPACITY CONTROL OF 22K002B | 1Y | | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 1,863 | LTU -22 -22K002B | LTU-SV5 | CAPACITY CONTROL OF 22K002B | 1Y | | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 1,864 | LTU -22 -22K002B | LTU-SV6 | CAPACITY CONTROL OF 22K002B | 1Y | | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 1,865 | LTU -22 -22K003A | LTU-SV7 | CAPACITY CONTROL OF 22K003A | 1Y</ | | | | | | | | | | | | | | | |

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|-------|-----------------|---------------|--|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 1,871 | LTU -22 -22R001 | LTU-TE22106 | TEMP T/C ELEMENT RAFF 22R001 | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,872 | LTU -22 -22R001 | LTU-TE22107 | TEMP T/C ELEMENT RAFF 22R001 | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,873 | LTU -22 -TEMP | LTU-TE22121 | TEMP T/C ELEMENT LEAN DEA 22P008A/B SUCT | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,874 | LTU -23 -TEMP | LTU-TE2330 | TEMP T/C ELEMENT PROPANE 23Z001 INLET | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,875 | LTU -23 -TEMP | LTU-TE2331 | TEMP T/C ELEMENT PROPANE 23E001 OUTLET | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,876 | LTU -23 -TEMP | LTU-TE2332 | TEMP T/C ELEMENT PROPANE 23E002A OUTLET | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,877 | LTU -23 -23K001 | LTU-TE2368 | TEMP T/C ELEMENT STEAM SH TO 23K001 | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,878 | LTU -23 -TEMP | LTU-TG2304 | TEMP GAUGE WATER 23E015A OUTLET | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,879 | LTU -23 -TEMP | LTU-TG2323 | TEMP GAUGE WATER QMS HEADER | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,880 | LTU -22 -TEMP | LTU-TSH2211A | TEMP MONITOR S/W EXTRACT SOL 22E012A/B | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,881 | LTU -22 -TEMP | LTU-TSH22129 | TEMP S/W OF SHOOT BOOMER | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,882 | LTU -22 -TEMP | LTU-TSH2234 | TEMP MONITOR S/W HYDRO- FINER 22E021A | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,883 | LTU -22 -22T001 | LTU-TSH2239 | TEMP S/W NMP 22T001 | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,884 | LTU -22 -22T001 | LTU-TSH2240 | TEMP S/W NMP NMP TO 22T001 | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,885 | LTU -23 -TEMP | LTU-TSH2310 | TEMP MONITOR S/W LUBE 23E006A OUTLET | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,886 | LTU -23 -TEMP | LTU-TSH2313 | TEMP MONITOR S/W WAX PRODUCT 23E014 IN | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,887 | LTU -23 -TEMP | LTU-TSH2318B | TEMP MONITOR S/W KERO 23E021 OUTLET | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,888 | LTU -23 -23K001 | LTU-TSH2371 | TEMP MONITOR S/W PROPANE 23K001 OUTLET | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,889 | LTU -23 -23K001 | LTU-TSH2382 | TEMP AFTER OIL COOLER TEMP 23K001 | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,890 | LTU -23 -TEMP | LTU-TSL2324 | TEMP MONITOR S/W WAX 23E012 TO 23D011 | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,891 | LTU -61 -TEMP | LTU-TT0001 | TEMP TRANS STEAM VDU/DAU SSH TO | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,892 | LTU -61 -TEMP | LTU-TT0004 | TEMP TRANS STEAM OUTLET 61Z101 | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,893 | LTU -61 -TEMP | LTU-TT0005 | TEMP TRANS STEAM OUTLET 61Z102 | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,894 | LTU -61 -TEMP | LTU-TT0006 | TEMP TRANS STEAM OUTLET 61Z104 | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,895 | LTU -61 -61D101 | LTU-TT0008 | TEMP TRANS FUEL GAS OUTLET 61D101 | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,896 | LTU -61 -TEMP | LTU-TT0051 | TEMP TRANS OF 35 BAR STEAM | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,897 | LTU -22 -22E028 | LTU-TT2201 | TEMP TRANS RAFFINAT SOL 22E028 OUTLET | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,898 | LTU -22 -22C001 | LTU-TT2202 | TEMP TRANS WET NMP 22C001 INLET | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,899 | LTU -22 -22E009 | LTU-TT2205 | TEMP TRANS EXTRACT SOL 22E009 OUTLET | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,900 | LTU -22 -22B0 | | | | | | | | | | | | | | | | | |

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|-------|--------------------|---------------|--|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 1,905 | LTU -22 -22E007 | LTU-TT2216A | TEMP TRANS LMP 22E007 INLET | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,906 | LTU -22 -22E010 | LTU-TT2221 | TEMP TRANS STRIP GAS 22E010 OUTLET | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,907 | LTU -22 -22B001 | LTU-TT2222 | TEMP TRANS STRIP GAS 22B001 OUTLET | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,908 | LTU -22 -22R001 | LTU-TT2231 | TEMP TRANS HYDROFINER 22R001 INLET | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,909 | LTU -22 -22E015A | LTU-TT2233 | TEMP TRANS HYDRO- FINER 22E015A/B OUTLET | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,910 | LTU -22 -22E021A | LTU-TT2234A | TEMP TRANS HYDRO- FINER 22E021A OUTLET | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,911 | LTU -22 -22E025A-F | LTU-TT2241 | TEMP TRANS WATER 22E025 OUTLET | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,912 | LTU -22 -22E003A | LTU-TT2242 | TEMP TRANS NMP 22E003A/B OUTLET | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,913 | LTU -22 -TEMP | LTU-TT2243 | TEMP TRANS NMP 22E003A/B OUTLET | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,914 | LTU -22 -22R003 | LTU-TT2244 | TEMP TRANS WATER 22R003 INLET | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,915 | LTU -22 -TEMP | LTU-TT2245 | TEMP TRANS WATER 22R003 INLET | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,916 | LTU -22 -22E022 | LTU-TT2246 | TEMP TRANS WET NMP 22E022 OUTLET | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,917 | LTU -22 -22E025A-F | LTU-TT2247 | TEMP TRANS WATER 22E025 OUTLET | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,918 | LTU -22 -22B001 | LTU-TT2263 | SCE TEMP TRANS FLUE GAS 22B001 | 1Y | | | | | I | | | | | | | | RLB | RLB-ILBO |
| 1,919 | LTU -22 -22B001 | LTU-TT2263 | SCE TEMP TRANS FLUE GAS 22B001 | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,920 | LTU -22 -22B001 | LTU-TT2273 | SCE TEMP TRANS COMBUS- TION GAS 22B001 | 1Y | | | | | I | | | | | | | | RLB | RLB-ILBO |
| 1,921 | LTU -22 -22B001 | LTU-TT2273 | SCE TEMP TRANS COMBUS- TION GAS 22B001 | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,922 | LTU -22 -22B002A | LTU-TT2288 | SCE TEMP TRANS FLUE GAS 22B002A/B | 1Y | | | | | I | | | | | | | | RLB | RLB-ILBO |
| 1,923 | LTU -22 -22B002A | LTU-TT2288 | SCE TEMP TRANS FLUE GAS 22B002A/B | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,924 | LTU -22 -22B002A | LTU-TT2289 | SCE TEMP TRANS FLUE GAS 22B002A/B | 1Y | | | | | I | | | | | | | | RLB | RLB-ILBO |
| 1,925 | LTU -22 -22B002A | LTU-TT2289 | SCE TEMP TRANS FLUE GAS 22B002A/B | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,926 | LTU -23 -TEMP | LTU-TT2301 | TEMP TRANS MIXING FLUID 232001 TO 23D001 | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,927 | LTU -23 -23E004D | LTU-TT2302 | TEMP TRANS WAXY OIL/C3 23E004D TO 23D002 | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,928 | LTU -23 -23D003A | LTU-TT2303A | TEMP TRANS WAXY OIL/ PRO 23D003A BOTTOM | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,929 | LTU -23 -23D003A | LTU-TT2303B | TEMP TRANS WAXY OIL/ PRO 23D003A BOTTOM | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,930 | LTU -23 -23D003B | LTU-TT2304A | TEMP TRANS WAXY OIL/ PRO 23D003B BOTTOM | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,931 | LTU -23 -23D003B | LTU-TT2304B | TEMP TRANS WAXY OIL/ PROPANE 23D003B | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,932 | LTU -23 -TEMP | LTU-TT2305 | TEMP TRANS PROPANE 23D003A/B OUTLET | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,933 | LTU -23 -23K001 | LTU-TT2306 | | | | | | | | | | | | | | | | |

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| 1,939 | LTU -23 -23E013 | LTU-TT2312 | TEMP TRANS WAX KEROSENE 23E013 TO 23C004 | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,940 | LTU -23 -23E014 | LTU-TT2313 | TEMP TRANS WAX PRODUCT 23E014 INLET | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,941 | LTU -23 -23K001 | LTU-TT2314 | TEMP TRANS 23K001 INLET | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,942 | LTU -23 -23D012 | LTU-TT2316 | TEMP TRANS KERO 23D012 OUTLET | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,943 | LTU -23 -23E020 | LTU-TT2317 | TEMP TRANS KERO 23E020 OUTLET | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,944 | LTU -23 -23E021 | LTU-TT2318B | TEMP TRANS KERO 23E021 OUTLET | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,945 | LTU -23 -23E019 | LTU-TT2319 | TEMP TRANS KERO 23E019 OUTLET | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,946 | LTU -23 -23K001 | LTU-TT2322 | TEMP TRANS PROPANE COMPRESSURE RECYCLE | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,947 | LTU -23 -23E014 | LTU-TT2323 | TEMP TRANS WAX PRODUCT 23E014 INLET | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,948 | LTU -23 -TEMP | LTU-TT2337 | TEMP TRANS DMO SOL 23E004B TO 23E004C | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,949 | LTU -23 -TEMP | LTU-TT2338 | TEMP TRANS PROPANE TRANS GAS 23D003A/B | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,950 | LTU -23 -23D004 | LTU-TT2340 | TEMP TRANS CHILLED SOL 23D004 BTM OUTLET | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,951 | LTU -23 -TEMP | LTU-TT2341 | TEMP TRANS WAXY OIL 23F001A BOTTOM | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,952 | LTU -23 -TEMP | LTU-TT2342 | TEMP TRANS WAXY OIL 23F001B BOTTOM | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,953 | LTU -23 -TEMP | LTU-TT2343 | TEMP TRANS WAXY OIL 23F001C BOTTOM | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,954 | LTU -23 -23D005 | LTU-TT2344 | TEMP TRANS WAX 23D005 OUTLET | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,955 | LTU -23 -TEMP | LTU-TT2345 | TEMP TRANS WAXY OIL 23F001D BOTTOM | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,956 | LTU -23 -TEMP | LTU-TT2346 | TEMP TRANS WAXY OIL 23F001E BOTTOM | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,957 | LTU -23 -TEMP | LTU-TT2347 | TEMP TRANS OIL/ PROPANE 23D006 OUTLET | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,958 | LTU -23 -TEMP | LTU-TT2349 | TEMP TRANS DMO SOL 23E005A OUTLET | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,959 | LTU -23 -TEMP | LTU-TT2350 | TEMP TRANS PROPANE 23D008 INLET | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,960 | LTU -23 -TEMP | LTU-TT2351 | TEMP TRANS OIL/ PROPANE 23P004A/B DISCH | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,961 | LTU -23 -TEMP | LTU-TT2352 | TEMP TRANS PROPANE 23D008 OUTLET | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,962 | LTU -23 -TEMP | LTU-TT2362 | TEMP TRANS WAX 23D010 OUTLET | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,963 | LTU -23 -23K001 | LTU-TT2370 | TEMP TRANS PROPANE 23K001 OUTLET | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,964 | LTU -23 -23K001 | LTU-TT2371 | TEMP TRANS PROPANE 23K001 OUTLET | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,965 | LTU -23 -23D021 | LTU-TT2377 | TEMP TRANS SLOP OIL 23D021 SIDE | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,966 | LTU -23 -TEMP | LTU-TT2379 | TEMP TRANS N2 23D021 INLET | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,967 | LTU -23 -23K001 | LTU-TT2395 | TEMP TRANS STEAM STM FR 23K001 | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| | | | | | | | | | | | | | | | | | | |

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|-------|--------------------|---------------|--|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 1,973 | LTU -22 -22E028 | LTU-TV2201B | TEMP C/V RAFFINAT SOL 22E028 OUTLET | 1Y | | | | | F | | | | | | | | RLB | RLB-ILBO |
| 1,974 | LTU -22 -22E028 | LTU-TV2201C | TEMP C/V RAFFINAT SOL 22E028 OUTLET | 1Y | | | | | F | | | | | | | | RLB | RLB-ILBO |
| 1,975 | LTU -22 -22C001 | LTU-TV2202A | TEMP C/V WET NMP 22C001 INLET | 1Y | | | | | F | | | | | | | | RLB | RLB-ILBO |
| 1,976 | LTU -22 -22C001 | LTU-TV2202B | TEMP C/V WET NMP 22C001 INLET | 1Y | | | | | F | | | | | | | | RLB | RLB-ILBO |
| 1,977 | LTU -22 -22E009 | LTU-TV2205A | TEMP C/V EXTRACT SOL 22E009 OUTLET | 1Y | | | | | F | | | | | | | | RLB | RLB-ILBO |
| 1,978 | LTU -22 -22E009 | LTU-TV2205B | TEMP C/V EXTRACT SOL 22E009 OUTLET | 1Y | | | | | F | | | | | | | | RLB | RLB-ILBO |
| 1,979 | LTU -22 -22C002 | LTU-TV2208A | TEMP C/V EXTRACT SOL TO 22C002 | 1Y | | | | | F | | | | | | | | RLB | RLB-ILBO |
| 1,980 | LTU -22 -22C002 | LTU-TV2208B | TEMP C/V EXTRACT SOL TO 22C002 | 1Y | | | | | F | | | | | | | | RLB | RLB-ILBO |
| 1,981 | LTU -22 -22E012A | LTU-TV2211A | TEMP C/V EXTRACT SOL 22E012A/B OUTLET | 1Y | | | | | F | | | | | | | | RLB | RLB-ILBO |
| 1,982 | LTU -22 -22E0012A | LTU-TV2212A | CONTROL VALVE | 1Y | | | | | F | | | | | | | | RLB | RLB-ILBO |
| 1,983 | LTU -22 -22E0012 | LTU-TV2212B | CONTROL VALVE | 1Y | | | | | F | | | | | | | | RLB | RLB-ILBO |
| 1,984 | LTU -22 -22E007 | LTU-TV2216A | TEMP C/V LMP 22E007 INLET | 1Y | | | | | F | | | | | | | | RLB | RLB-ILBO |
| 1,985 | LTU -22 -22E010 | LTU-TV2221A | TEMP C/V STRIP GAS 22E010 OUTLET | 1Y | | | | | F | | | | | | | | RLB | RLB-ILBO |
| 1,986 | LTU -22 -22E010 | LTU-TV2221B | TEMP C/V STRIP GAS 22E010 OUTLET | 1Y | | | | | F | | | | | | | | RLB | RLB-ILBO |
| 1,987 | LTU -22 -22B001 | LTU-TV2222A | TEMP C/V STRIP GAS 22B001 OUTLET | 1Y | | | | | F | | | | | | | | RLB | RLB-ILBO |
| 1,988 | LTU -22 -22B001 | LTU-TV2222B | TEMP C/V STRIP GAS 22B001 OUTLET | 1Y | | | | | F | | | | | | | | RLB | RLB-ILBO |
| 1,989 | LTU -22 -22R001 | LTU-TV2231A | TEMP C/V HYDROFINER 22R001 INLET | 1Y | | | | | F | | | | | | | | RLB | RLB-ILBO |
| 1,990 | LTU -22 -22R001 | LTU-TV2231B | TEMP C/V HYDROFINER 22R001 INLET | 1Y | | | | | F | | | | | | | | RLB | RLB-ILBO |
| 1,991 | LTU -22 -22B002A | LTU-TV2233A | CONTROL VALVE 22B002A/B | 1Y | | | | | F | | | | | | | | RLB | RLB-ILBO |
| 1,992 | LTU -22 -22B002A | LTU-TV2233B | CONTROL VALVE 22B002A/B | 1Y | | | | | F | | | | | | | | RLB | RLB-ILBO |
| 1,993 | LTU -22 -22E021A | LTU-TV2234 | TEMP C/V HYDRO- FINER 22E021A OUTLET | 1Y | | | | | F | | | | | | | | RLB | RLB-ILBO |
| 1,994 | LTU -22 -22E025A-F | LTU-TV2241A | TEMP C/V WATER 22E025 OUTLET | 1Y | | | | | F | | | | | | | | RLB | RLB-ILBO |
| 1,995 | LTU -22 -22E025A-F | LTU-TV2241B | TEMP C/V WATER 22E025 OUTLET | 1Y | | | | | F | | | | | | | | RLB | RLB-ILBO |
| 1,996 | LTU -22 -22E003A | LTU-TV2242A | TEMP C/V NMP 22E003A/B OUTLET | 1Y | | | | | F | | | | | | | | RLB | RLB-ILBO |
| 1,997 | LTU -22 -22E003A | LTU-TV2242B | TEMP C/V NMP 22E003A/B OUTLET | 1Y | | | | | F | | | | | | | | RLB | RLB-ILBO |
| 1,998 | LTU -22 -22R003 | LTU-TV2244A | TEMP C/V WATER 22R003 INLET | 1Y | | | | | F | | | | | | | | RLB | RLB-ILBO |
| 1,999 | LTU -22 -22R003 | LTU-TV2244B | TEMP C/V WATER 22R003 INLET | 1Y | | | | | F | | | | | | | | RLB | RLB-ILBO |
| 2,000 | LTU -22 -22E022 | LTU-TV2246 | TEMP C/V WET NMP 22E022 OUTLET | 1Y | | | | | F | | | | | | | | RLB | RLB-ILBO |
| 2,001 | LTU -23 -CV | LTU-TV2301 | TEMP C/V MIXING FLUID 23C001 TO 23D001 | 1Y | </ | | | | | | | | | | | | | |

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|-------|--------------------|--------------------|--|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 2,007 | LTU -23 -23E006A | LTU-TV2309A | TEMP C/V LUBE 23E006A OUTLET | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 2,008 | LTU -23 -23E006A | LTU-TV2309B | TEMP C/V LUBE 23E006A OUTLET | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 2,009 | LTU -23 -23E012 | LTU-TV2311 | TEMP C/V WAX 23E012 TO 23D011 | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 2,010 | LTU -23 -23E013 | LTU-TV2312 | TEMP C/V WAX KEROSENE 23E013 TO 23C004 | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 2,011 | LTU -23 -23K001 | LTU-TV2314 | TEMP C/V | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 2,012 | LTU -23 -23E020 | LTU-TV2317 | TEMP C/V KERO 23E020 OUTLET | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 2,013 | LTU -23 -23E019 | LTU-TV2319 | TEMP C/V KERO 23E019 OUTLET | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 2,014 | LTU -23 -23T001 | LTU-TV2320 | TEMP C/V DMA 23T001 | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 2,015 | LTU -23 -23T002 | LTU-TV2321 | TEMP C/V DMA 23T002 | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 2,016 | LTU -23 -23K001 | LTU-TV2322 | TEMP C/V PROPANE COMPRESSURE RECYCLE | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 2,017 | LTU -23 -23E014 | LTU-TV2323 | TEMP C/V WAX PRODUCT 23E014 INLET | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 2,018 | LTU -23 -23D021 | LTU-TV2377 | TEMP C/V 23D021 SIDE | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 2,019 | LTU -23 -23K001 | LTU-TV2395 | TEMP C/V STEAM STM FR 23K001 | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 2,020 | LTU -22 -22E007 | LTU-TY2216 | SELECTOR S/W LMP 22E007 INLET | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 2,021 | LTU -22 -22E025A-F | LTU-TY2247 | I/P CONVERTOR WATER 22E025 OUTLET | 1Y | | | | | F | | | | | | | | RLB | RLB-ILBO |
| 2,022 | LTU -38C-UND_GROUN | LTU-UND-GROUN-CABL | 6.3 KV UNDERGROUND CABLE | 1M | I | I | I | I | | I | I | I | I | I | I | I | RLB | RLB-ELBO |
| 2,023 | LTU -38C-UND_GROUN | LTU-UND-GROUN-CABL | 6.3 KV UNDERGROUND CABLE | 3M | I | | | I | | | I | | | | I | | RLB | RLB-ELBO |
| 2,024 | LTU -22 -22K001A | LTU-VE2211A | VIBRATION OF 22K001A | 1Y | | | I | | | | | | | | | | RLB | RLB-ILBO |
| 2,025 | LTU -22 -22K001A | LTU-VE2212A | VIBRATION OF 22K001A | 1Y | | | I | | | | | | | | | | RLB | RLB-ILBO |
| 2,026 | LTU -00 -QMI_QD | LTU-VOC-021 | PORTABLE GAS-VOC-021 | 1Y | | | | | | | V | | | | | | CAN | CAN-Q25 |
| 2,027 | LTU -22 -22K002A | LTU-VSH+2211A | VIBRATION CRANK CASE OF 22K002A | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 2,028 | LTU -22 -22K002B | LTU-VSH+2211B | VIBRATION CRANK CASE OF 22K002B | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 2,029 | LTU -22 -22K003A | LTU-VSH+2212A | VIBRATION CRANK CASE OF 22K003A | 1Y | | | | | F | | | | | | | | RLB | RLB-ILBO |
| 2,030 | LTU -22 -22K003B | LTU-VSH+2212B | VIBRATION CRANK CASE OF 22K003B | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 2,031 | LTU -61 -61D102 | LTU-XV0001 | ON-OFF V/V CPH 61D102 INLET | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 2,032 | LTU -61 -CV | LTU-XV0002 | ON-OFF V/V CPL CPL TO U/I PLANT | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 2,033 | LTU -22 -22B001 | LTU-XV2201 | SCE ON-OFF V/V FUEL GAS FUEL GAS TO 22B0 | 1Y | | | I | | | | | | | | | | RLB | RLB-ILBO |
| 2,034 | LTU -22 -22B001 | LTU-XV2201 | SCE ON-OFF V/V FUEL GAS FUEL GAS TO 22B0 | 5Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 2,035 | LTU -22 -22B001 | LTU-XV2202 | SCE ON-OFF V/V FUEL GAS FUEL GAS TO 22B0 | 1Y | | | I | | | </ | | | | | | | | |

PREVENTIVE MAINTENANCE YEARLY SCHEDULE
PLANT: LUBE YEAR: 2022

Form No.
Effective Date 29.12.2021
Revision 0

Legend Text : B = Program Back-up C = Calibrate F = Function Test H = Overhaul I = Inspect L = Lubricate M = Strategy Plan P = Preventive Q = Check oil quality
S = Service T = Stand by condition check U = Running condition check V = Verify

| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|-------|------------------|---------------|--|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 2,041 | LTU -22 -22B001 | LTU-XV2204 | SCE ON-OFF V/V FUEL GAS FUEL GAS TO 22B0 | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 2,042 | LTU -22 -22B001 | LTU-XV2205 | SCE ON-OFF V/V FUEL GAS FUEL GAS TO 22B0 | 1Y | | | I | | | | | | | | | | RLB | RLB-ILBO |
| 2,043 | LTU -22 -22B001 | LTU-XV2205 | SCE ON-OFF V/V FUEL GAS FUEL GAS TO 22B0 | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 2,044 | LTU -22 -22B001 | LTU-XV2206 | SCE ON-OFF V/V FUEL GAS FUEL GAS TO VENT | 1Y | | | I | | | | | | | | | | RLB | RLB-ILBO |
| 2,045 | LTU -22 -22B001 | LTU-XV2206 | SCE ON-OFF V/V FUEL GAS FUEL GAS TO VENT | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 2,046 | LTU -22 -22B001 | LTU-XV2207 | SCE ON-OFF V/V FUEL OIL FUEL OIL TO 22B0 | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 2,047 | LTU -22 -22B001 | LTU-XV2208 | SCE ON-OFF V/V FUEL OIL FUEL OIL RETURN | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 2,048 | LTU -22 -22B002A | LTU-XV2209 | SCE ON-OFF V/V FUEL GAS 22B002AB | 1Y | | | I | | | | | | | | | | RLB | RLB-ILBO |
| 2,049 | LTU -22 -22B002A | LTU-XV2209 | SCE ON-OFF V/V FUEL GAS 22B002AB | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 2,050 | LTU -22 -22B002A | LTU-XV2210 | SCE ON-OFF V/V FUEL GAS 22B002AB | 1Y | | | I | | | | | | | | | | RLB | RLB-ILBO |
| 2,051 | LTU -22 -22B002A | LTU-XV2210 | SCE ON-OFF V/V FUEL GAS 22B002AB | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 2,052 | LTU -22 -22B002A | LTU-XV2211 | SCE ON-OFF V/V FUEL GAS VENT 22B002AB | 1Y | | | I | | | | | | | | | | RLB | RLB-ILBO |
| 2,053 | LTU -22 -22B002A | LTU-XV2211 | SCE ON-OFF V/V FUEL GAS VENT 22B002AB | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 2,054 | LTU -22 -22B002A | LTU-XV2212 | SCE ON-OFF V/V FUEL GAS VENT 22B002AB | 1Y | | | I | | | | | | | | | | RLB | RLB-ILBO |
| 2,055 | LTU -22 -22B002A | LTU-XV2212 | SCE ON-OFF V/V FUEL GAS VENT 22B002AB | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 2,056 | LTU -22 -22B002A | LTU-XV2213 | SCE ON-OFF V/V FUEL GAS 22B002AB | 1Y | | | I | | | | | | | | | | RLB | RLB-ILBO |
| 2,057 | LTU -22 -22B002A | LTU-XV2213 | SCE ON-OFF V/V FUEL GAS 22B002AB | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 2,058 | LTU -22 -22B002A | LTU-XV2214 | SCE ON-OFF V/V FUEL GAS VENT 22B002AB | 1Y | | | I | | | | | | | | | | RLB | RLB-ILBO |
| 2,059 | LTU -22 -22B002A | LTU-XV2214 | SCE ON-OFF V/V FUEL GAS VENT 22B002AB | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 2,060 | LTU -22 -22B001 | LTU-XV2215 | SCE ON-OFF V/V NONCOND GAS TO 22B001 | 1Y | | | I | | | | | | | | | | RLB | RLB-ILBO |
| 2,061 | LTU -22 -22B001 | LTU-XV2215 | SCE ON-OFF V/V NONCOND GAS TO 22B001 | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 2,062 | LTU -22 -22B001 | LTU-XV2216 | SCE ON-OFF V/V NONCOND GAS TO 22B001 | 1Y | | | I | | | | | | | | | | RLB | RLB-ILBO |
| 2,063 | LTU -22 -22B001 | LTU-XV2216 | SCE ON-OFF V/V NONCOND GAS TO 22B001 | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 2,064 | LTU -22 -22B001 | LTU-XV2217 | SCE ON-OFF V/V NONCOND GAS TO VENT | 1Y | | | I | | | | | | | | | | RLB | RLB-ILBO |
| 2,065 | LTU -22 -22B001 | LTU-XV2217 | SCE ON-OFF V/V NONCOND GAS TO VENT | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 2,066 | LTU -22 -CV | LTU-XV2218 | ON-OFF V/V CAUSTIC SOL 22P016 OUTLET | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 2,067 | LTU -22 -CV | LTU-XV2219 | ON-OFF V/V STEAM 22P002B SUCTION | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 2,068 | LTU -22 -22K001A | LTU-XV2220 | ON-OFF V/V STRIP GAS 22K001A OUTLET | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 2,069 | LTU -22 -22K001B | LTU-XV2221 | ON-OFF V/V STRIP GAS 22K001B OUTLET | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 2,070 | LTU -22 -22B001 | LTU-XV2222 | ON-OFF V/V STEAM SCOT BLOWER | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 2,071 | LTU -22 -22B001 | LTU-XV2223 | ON-OFF V/V STEAM SCOT BLOWER | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 2,072 | LTU -22 -CV | LTU-XV2251 | SCE FIRE PROOF VALVE 22P005A/B | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 2,073 | LTU -23 -23K001 | LTU-ZS2313 | T&T V/V OF 23K001 | 1Y | | | I | | | | | | | | | | RLB | RLB-ILBO |

PREVENTIVE MAINTENANCE YEARLY SCHEDULE
PLANT: LUBE YEAR: 2022

PRINT DATE 07.03.2022
REVISION 0

(MA1 or MA2) _____
(CLIENT) _____
CHECKED : SECTION MGR. (AREA SERVICE)
CHECKED : SECTION MGR.

(MA1 or MA2) _____
APPROVED : DIVISION MGR. (AREA SERVICE)

(MAM) _____
(CLIENT) _____
CHECKED : SECTION MGR.
APPROVED : DIVISION MGR.

(MAM) _____
APPROVED : DIVISION MGR.

(MAE) _____
CHECKED : SECTION MGR.

(MAE) _____
APPROVED : DIVISION MGR.

(MAI) _____
CHECKED : SECTION MGR.

(MAI) _____
APPROVED : DIVISION MGR.

(MAS) _____
(MAP) _____
CHECKED : SECTION MGR.
ISSUED : PLANNING

(MAS) _____
APPROVED : DIVISION MGR.

DATE _____

(MAG) _____
 APPROVED : DIVISION MGR.

PREVENTIVE MAINTENANCE YEARLY SCHEDULE
 PLANT: LUBE YEAR: 2022

Form No.
 Effective Date 29.12.2021
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Legend Text : B = Program Back-up C = Calibrate F = Function Test H = Overhaul I = Inspect L = Lubricate M = Strategy Plan P = Preventive Q = Check oil quality
 S = Service T = Stand by condition check U = Running condition check V = Verify

| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|---------------------|-------------------|--|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 1 | LUBE | | | 1Y | | | | | | | | | S | | | | RLB | RLB-ELBO |
| 2 | LUBE-BDG-AIR | LUBE-AC101 | *AIR CONDITION COMMON ROOM 50,000 BTU* | 3M | | P | | | P | | | P | | | P | | RLB | RLB-ELBO |
| 3 | LUBE-BDG-PA | LUBE-BDG-PA | PUBLIC ANNOUNCEMENT AREA BDG LUBE | 1Y | | | | | | | | | | P | | | CES | CES-INST |
| 4 | LUBE-CCR-PA | LUBE-CCR-PA | PUBLIC ANNOUNCEMENT AREA CCR LUBE | 1Y | | | | | | | | | | P | | | CES | CES-INST |
| 5 | LUBE-CCR-EA | LUBE-EA-PANEL | EMERGENCY ALARM AREA CCR LUBE | 1Y | | | | | | | | P | | | | | CES | CES-INST |
| 6 | LUBE-CCR-EA | LUBE-EA-UPS | EMERGENCY ALARM BACKUP AREA CCR LUBE | 1Y | | | | | | | | P | | | | | CES | CES-INST |
| 7 | LUBE-BDG-EMER LIGHT | LUBE-EMER-LIGHT | EMER LIGHT | 6M | | I | | | | | | I | | | | | RLB | RLB-ELBO |
| 8 | LUBE-BDG-FAL-PB | LUBE-FAL-PB | SCE FAL-PB | 3M | I | | | I | | | I | | | I | | | RLB | RLB-ELBO |
| 9 | LUBE-BDG-FAL-SMOKE | LUBE-FAL-SMOKE | SCE FAL-SMOKE | 6M | | | I | | | | | | I | | | | RLB | RLB-ELBO |
| 10 | LUBE-BDG-GROUND-LN | LUBE-GROUND-LN | GROUND-LN | 1Y | | | | | | | P | | | | | | RLB | RLB-ELBO |
| 11 | LUBE-CCR-INTERCOM | LUBE-INTERCOM-UPS | INTERCOM BACKUP AREA CCR LUBE | 1Y | | P | | | | | | | | | | | CES | CES-INST |
| 12 | LUBE-BDG-PA | LUBE-PA-UPS | PUBLIC ANNOUNCEMENT BACKUP AREA BDG LUBE | 1Y | | | | | | | | | | P | | | CES | CES-INST |

(MA1 or MA2) _____
(CLIENT) _____
CHECKED : SECTION MGR. (AREA SERVICE)
CHECKED : SECTION MGR.

(MA1 or MA2) _____
APPROVED : DIVISION MGR. (AREA SERVICE)

(MAM) _____
(CLIENT) _____
CHECKED : SECTION MGR.
APPROVED : DIVISION MGR.

(MAM) _____
APPROVED : DIVISION MGR.

(MAE) _____
CHECKED : SECTION MGR.

(MAE) _____
APPROVED : DIVISION MGR.

(MAI) _____
CHECKED : SECTION MGR.

(MAI) _____
APPROVED : DIVISION MGR.

(MAS) _____
(MAP) _____
CHECKED : SECTION MGR.
ISSUED : PLANNING
DATE _____

(MAS) _____
APPROVED : DIVISION MGR.

(MAG) _____
APPROVED : DIVISION MGR.

Form No.
Effective Date 29.12.2021
Revision 0

| Legend Text : B = Program Back-up C = Calibrate F = Function Test H = Overhaul I = Inspect L = Lubricate M = Strategy Plan P = Preventive Q = Check oil quality S = Service T = Stand by condition check U = Running condition check V = Verify | | | | | | | | | | | | | | | | | | |
|--|---------------------|-------------------|-----------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
| 1 | LUT | | | 1M | I | I | I | I | I | I | I | I | I | I | I | I | IRI | IRI-INVB |
| 2 | LUT -33 | | | 4M | | | | I | | | | I | | I | I | I | CAN | CAN-Q25 |
| 3 | LUT -38A | | | 12M | | | | | | I | | | | | | | COH | COH-SWRL |
| 4 | LUT -38B | | | 12M | | | | | | I | | | | | | | COH | COH-SWRL |
| 5 | LUT -33 -33K002 | | | 3M | | L | | | L | | | L | | | L | | RLB | RLB-MLBO |
| 6 | LUT -33 -33P001C | | | 6M | | L | | | | | L | | | | | | RLB | RLB-MLBO |
| 7 | LUT -33 -33P001D | | | 6M | | | | | I | | | | | | I | | RLB | RLB-MLBO |
| 8 | LUT -33 -33P003A | | | 3M | | | L | | | L | | | L | | | L | RLB | RLB-MLBO |
| 9 | LUT -33 -33P003B | | | 3M | | L | | | L | | | L | | | L | | RLB | RLB-MLBO |
| 10 | LUT -35 -35P008A | | | 3M | | L | | | L | | | L | | | L | | RLB | RLB-MLBO |
| 11 | LUT -35 -35P008B | | | 3M | L | | | L | | | L | | | L | | | RLB | RLB-MLBO |
| 12 | LUT -61 -61P095A | | | 3M | L | | | L | | | L | | | L | | | RLB | RLB-MLBO |
| 13 | LUT -61 -61P095B | | | 3M | | | L | | | L | | | L | | | L | RLB | RLB-MLBO |
| 14 | LUT -E2A-E02+AFAC10 | | | 3M | | P | | | P | | | P | | | P | | MSE | MSE-EST2 |
| 15 | LUT -36 -36K001C | | | 1Y | | | | | | | | | | | | P | CRE | CRE-CHIP |
| 16 | LUT -33 -PIPING | 1-1/2-HCL-3301002 | 1-1/2-HCL-3301002-F1 | 5Y | I | | | | | | | | | | | | IRI | IRI-INLB |
| 17 | LUT -34 -PIPING | 1-A11-3402001 | 1-A11-3402001-A12 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 18 | LUT -34 -PIPING | 1-A1P-3402001 | 1-A1P-3402001-A12 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 19 | LUT -61 -PIPING | 1-FG-6191006 | 1-FG-6191006-D10 | 5Y | I | | | | | | | | | | | | IRI | IRI-INLB |
| 20 | LUT -61 -PIPING | 1-FG-6191007 | 1-FG-6191007-D10 | 5Y | I | | | | | | | | | | | | IRI | IRI-INLB |
| 21 | LUT -61 -PIPING | 1-FG-6191008 | 1-FG-6191008-D10 | 5Y | I | | | | | | | | | | | | IRI | IRI-INLB |
| 22 | LUT -61 -PIPING | 1-FG-6191009-0 | 1-FG-6191009-D10 | 5Y | I | | | | | | | | | | | | IRI | IRI-INLB |
| 23 | LUT -61 -PIPING | 1-FG-6191010-0 | 1-FG-6191010-D10 | 5Y | I | | | | | | | | | | | | IRI | IRI-INLB |
| 24 | LUT -61 -PIPING | 1-FG-6191011-0 | 1-FG-6191011-D10 | 5Y | I | | | | | | | | | | | | IRI | IRI-INLB |
| 25 | LUT -61 -PIPING | 1-FG-6191012-0 | 1-FG-6191012-D10 | 5Y | I | | | | | | | | | | | | IRI | IRI-INLB |
| 26 | LUT -61 -PIPING | 1-FG-6191014-0 | 1-FG-6191014-D10 | 5Y | I | | | | | | | | | | | | IRI | IRI-INLB |
| 27 | LUT -61 -PIPING | 1-FG-6191015-0 | 1-FG-6191015-D10 | 5Y | I | | | | | | | | | | | | IRI | IRI-INLB |
| 28 | LUT -61 -PIPING | 1-FG-6191016-0 | 1-FG-6191016-D10 | 5Y | I | | | | | | | | | | | | IRI | IRI-INLB |
| 29 | LUT -61 -PIPING | 1-FG-6191017 | 1-FG-6191017-D10 | 5Y | I | | | | | | | | | | | | IRI | IRI-INLB |
| 30 | LUT -33 -PIPING | 1-WCS-3306001 | 1-WCS-3306001-F1 | 10Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 31 | LUT -33 -PIPING | 1-WCS-3306005 | 1-WCS-3306005-F1 | 10Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 32 | LUT -33 -PIPING | 1-WCS-3306006 | 1-WCS-3306006-F1 | 10Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 33 | LUT -33 -PIPING | 1-WCS-3306010 | 1-WCS-3306010-F1 | 10Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 34 | LUT -33 -PIPING | 1-WCS-3306016 | 1-WCS-3306016-F1 | 10Y | | | | | | I | | | | | | | IRI | IRI-INLB |

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|--|-----------------|----------------|-----------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
| 35 | LUT -33 -PIPING | 1-WCS-3306022 | 1-WCS-3306022-F1 | 10Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 36 | LUT -34 -PIPING | 1-WP-3402002 | 1-WP-3402002-A12 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 37 | LUT -33 -PIPING | 10-AIP-3306002 | 10-AIP-3306002-A1 | 10Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 38 | LUT -61 -PIPING | 10-MX-6191004 | 10-MX-6191004-A10 | 5Y | I | | | | | | | | | | | | IRI | IRI-INLB |
| 39 | LUT -33 -PIPING | 10-WDS-3305051 | 10-WDS-3305051-D11-25S | 5Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 40 | LUT -33 -PIPING | 10-WDS-3530051 | 10-WDS-3530051-D11 | 10Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 41 | LUT -34 -PIPING | 10-WS-3404004 | 10-WS-3404004-A1 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 42 | LUT -34 -PIPING | 10-WS-3404033 | 10-WS-3404033-A1 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 43 | | 10012398 | PUMP;AJAX;1.5 100-250A10JJ2 | 6M | I | | | | | | I | | | | | | 21M | 21M-LUT |
| 44 | | 10012398 | PUMP;AJAX;1.5 100-250A10JJ2 | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 45 | | 10012399 | PUMP;AJAX;1.5 100-250A10JJ2 | 6M | | | | | | I | | | | | | I | 21M | 21M-LUT |
| 46 | | 10012399 | PUMP;AJAX;1.5 100-250A10JJ2 | 2M | I | | I | | I | | I | | | | I | | IRI | IRI-INVB |
| 47 | | 10012401 | PUMP;KSB;HGB 31/8 | 6M | | | | | | I | | | | | | I | 21M | 21M-LUT |
| 48 | LUT -34 -PIPING | 12-WP-3402001 | 12-WP-3402001-A12 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 49 | LUT -34 -PIPING | 12-WS-3404003 | 12-WS-3404003-A1 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 50 | LUT -34 -PIPING | 12-WS-3404034 | 12-WS-3404034-A1 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 51 | LUT -34 -PIPING | 16-WCS-3402001 | 16-WCS-3402001-A12 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 52 | LUT -34 -PIPING | 16-WS-3402014 | 16-WS-3402014-A1 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 53 | LUT -34 -PIPING | 16-WS-3404035 | 16-WS-3404035-A1 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 54 | LUT -61 -PIPING | 2-FG-6191002-0 | 2-FG-6191002-D10 | 5Y | I | | | | | | | | | | | | IRI | IRI-INLB |
| 55 | LUT -61 -PIPING | 2-FG-6191004-0 | 2-FG-6191004-D10 | 5Y | I | | | | | | | | | | | | IRI | IRI-INLB |
| 56 | LUT -61 -PIPING | 2-FG-6191005-0 | 2-FG-6191005-D10 | 5Y | I | | | | | | | | | | | | IRI | IRI-INLB |
| 57 | LUT -61 -PIPING | 2-FG-6191013 | 2-FG-6191013-D10 | 5Y | I | | | | | | | | | | | | IRI | IRI-INLB |
| 58 | LUT -61 -PIPING | 2-FG-619103 | 2-FG-619103-D10 | 5Y | I | | | | | | | | | | | | IRI | IRI-INLB |
| 59 | LUT -61 -PIPING | 2-FG-6192001-0 | 2-FG-6192001-D1 | 5Y | I | | | | | | | | | | | | IRI | IRI-INLB |
| 60 | LUT -33 -PIPING | 2-HCL-3301006 | 2-HCL-3301006-F1 | 5Y | I | | | | | | | | | | | | IRI | IRI-INLB |
| 61 | LUT -33 -PIPING | 2-HCL-3301007 | 2-HCL-3301007-F1 | 5Y | I | | | | | | | | | | | | IRI | IRI-INLB |
| 62 | LUT -33 -PIPING | 2-WCS-3306004 | 2-WCS-3306004-F1 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 63 | LUT -33 -PIPING | 2-WCS-3306009 | 2-WCS-3306009-F1 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 64 | LUT -33 -PIPING | 2-WCS-3306012 | 2-WCS-3306012-F1 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 65 | LUT -33 -PIPING | 2-WCS-3306013 | 2-WCS-3306013-F1 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 66 | LUT -33 -PIPING | 2-WCS-3306015 | 2-WCS-3306015-F1 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 67 | LUT -33 -PIPING | 2-WCS-3306018 | 2-WCS-3306018-F1 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 68 | LUT -33 -PIPING | 2-WCS-3306019 | 2-WCS-3306019-F1 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|-----------------|--------------------|-----------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 69 | LUT -33 -PIPING | 2-WCS-3306021 | 2-WCS-3306021-F1 | 10Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 70 | LUT -33 -PIPING | 2-WCS-3306024 | 2-WCS-3306024-F1 | 10Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 71 | LUT -33 -PIPING | 2-WCS-3306025 | 2-WCS-3306025-F1 | 10Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 72 | LUT -33 -PIPING | 2-WCS-3306027 | 2-WCS-3306027-F1 | 10Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 73 | LUT -34 -PIPING | 2-WS-3404014 | 2-WS-3404014-A1 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 74 | LUT -34 -PIPING | 2-WS-3404018 | 2-WS-3404018-A1 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 75 | LUT -34 -PIPING | 2-WS-3404022 | 2-WS-3404022-A1 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 76 | LUT -34 -PIPING | 2-WS-3404026 | 2-WS-3404026-A1 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 77 | LUT -34 -PIPING | 2-WS-3404030 | 2-WS-3404030-A1 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 78 | LUT -61 -PIPING | 20-FA-6191007-0 | 20-FA-6191007-A10 | 5Y | I | | | | | | | | | | | | IRI | IRI-INLB |
| 79 | LUT -33 -PIPING | 20-GV-3301001 | 20-GV-3301001-F1 | 5Y | I | | | | | | | | | | | | IRI | IRI-INLB |
| 80 | LUT -33 -PIPING | 20-GV-3301002 | 20-GV-3301002-F1 | 5Y | I | | | | | | | | | | | | IRI | IRI-INLB |
| 81 | LUT -61 -PIPING | 20/28-FA-6191008-0 | 20/28-FA-6191008-A10 | 5Y | I | | | | | | | | | | | | IRI | IRI-INLB |
| 82 | LUT -34 -PIPING | 28-WR-3402001 | 28-WR-3402001-A12 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 83 | LUT -34 -PIPING | 28-WR-3402002 | 28-WR-3402002-A12 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 84 | LUT -34 -PIPING | 28-WR-3402003 | 28-WR-3402003-A12 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 85 | LUT -34 -PIPING | 28-WR-3402004 | 28-WR-3402004-A12 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 86 | LUT -34 -PIPING | 28-WR-3402005 | 28-WR-3402005-A12 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 87 | LUT -34 -PIPING | 28-WR-3402006 | 28-WR-3402006-A12 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 88 | LUT -34 -PIPING | 28-WS-2402006 | 28-WS-2402006-A12 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 89 | LUT -34 -PIPING | 28-WS-3402002 | 28-WS-3402002-A12 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 90 | LUT -34 -PIPING | 28-WS-3402003 | 28-WS-3402003-A12 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 91 | LUT -34 -PIPING | 28-WS-3402004 | 28-WS-3402004-A12 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 92 | LUT -34 -PIPING | 28-WS-3402005 | 28-WS-3402005-A12 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 93 | LUT -34 -PIPING | 28-WS-3402007 | 28-WS-3402007-A12 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 94 | LUT -34 -PIPING | 28-WS-3402015 | 28-WS-3402015-A12 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 95 | LUT -33 -PIPING | 3-AIP-3303003 | 3-AIP-3303003-A1 | 10Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 96 | LUT -33 -PIPING | 3-AIP-3305003 | 3-AIP-3305003-A1 | 10Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 97 | LUT -33 -PIPING | 3-AIP-3306001 | 3-AIP-3306001-A1 | 10Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 98 | LUT -33 -PIPING | 3-AIP-3306002 | 3-AIP-3306002-A1 | 10Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 99 | LUT -61 -PIPING | 3-MX-6191007-0 | 3-MX-6191007-A10 | 5Y | I | | | | | | | | | | | | IRI | IRI-INLB |
| 100 | LUT -61 -PIPING | 3-MX-6191008-0 | 3-MX-6191008-A10 | 5Y | I | | | | | | | | | | | | IRI | IRI-INLB |
| 101 | LUT -33 -PIPING | 3-WCS-3306002 | 3-WCS-3306002-F1 | 10Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 102 | LUT -33 -PIPING | 3-WCS-3306007 | 3-WCS-3306007-F1 | 10Y | | | | | | I | | | | | | | IRI | IRI-INLB |

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|-----------------|-----------------|-----------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 103 | LUT -33 -PIPING | 3-WCS-3306011 | 3-WCS-3306011-F1 | 10Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 104 | LUT -33 -PIPING | 3-WCS-3306017 | 3-WCS-3306017-F1 | 10Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 105 | LUT -33 -PIPING | 3-WCS-3306023 | 3-WCS-3306023-F1 | 10Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 106 | LUT -33 -PIPING | 3-WDS-3305006 | 3-WDS-3305006-F1 | 10Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 107 | LUT -33 -PIPING | 3-WDS-3305007 | 3-WDS-3305007-F1 | 10Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 108 | LUT -33 -PIPING | 3-WDS-3306004 | 3-WDS-3306004-F1 | 10Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 109 | LUT -33 -PIPING | 3-WDS-3306006 | 3-WDS-3306006-F1 | 10Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 110 | LUT -34 -PIPING | 3/4-AIP-3402001 | 3/4-AIP-3402001-A12 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 111 | LUT -34 -PIPING | 4-A1I-3601002 | 4-A1I-3601002-A1 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 112 | LUT -34 -PIPING | 4-AIP-3404001 | 4-AIP-3404001-A1 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 113 | LUT -61 -PIPING | 40-FA-6191003-0 | 40-FA-6191003-A10 | 5Y | I | | | | | | | | | | | | IRI | IRI-INLB |
| 114 | LUT -61 -PIPING | 40-FA-6191004-0 | 40-FA-6191004-A10 | 5Y | I | | | | | | | | | | | | IRI | IRI-INLB |
| 115 | LUT -61 -PIPING | 40-FA-6191005-0 | 40-FA-6191005-A10 | 5Y | I | | | | | | | | | | | | IRI | IRI-INLB |
| 116 | LUT -34 -PIPING | 40-WS-3402010 | 40-WS-3402010-A12 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 117 | LUT -34 -PIPING | 40-WS-3402012 | 40-WS-3402012-A12 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 118 | LUT -34 -PIPING | 40-WS-3402013 | 40-WS-3402013-A12 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 119 | LUT -61 -PIPING | 48-FA-6191002-0 | 48-FA-6191002-A10 | 5Y | I | | | | | | | | | | | | IRI | IRI-INLB |
| 120 | LUT -61 -PIPING | 48-FA-6191006-0 | 48-FA-6191006-A10 | 5Y | I | | | | | | | | | | | | IRI | IRI-INLB |
| 121 | LUT -61 -PIPING | 48-FA-6955006 | 48-FA-6955006-A10 | 5Y | I | | | | | | | | | | | | IRI | IRI-INLB |
| 122 | LUT -33 -PIPING | 6-CPL-3305013 | 6-CPL-3305013-F1 | 10Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 123 | LUT -33 -PIPING | 6-CPL-3305016 | 6-CPL-3305016-A1 | 10Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 124 | LUT -33 -PIPING | 6-CPL-3306001 | 6-CPL-3306001-F1 | 10Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 125 | LUT -33 -PIPING | 6-CPL-3306003 | 6-CPL-3306003-F1 | 10Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 126 | LUT -33 -PIPING | 6-WCS-3306008 | 6-WCS-3306008-F1 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 127 | LUT -33 -PIPING | 6-WCS-3306014 | 6-WCS-3306014-F1 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 128 | LUT -33 -PIPING | 6-WCS-3306020 | 6-WCS-3306020-F1 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 129 | LUT -33 -PIPING | 6-WCS-3306026 | 6-WCS-3306026-F1 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 130 | LUT -33 -PIPING | 6-WDS-3305053 | 6-WDS-3305053-D11-25S | 5Y | | | | | | I | | | | | | | IRI | IRI-INLB |
| 131 | LUT -33 -PIPING | 6-WDS-3306002 | 6-WDS-3306002-F1 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 132 | LUT -33 -PIPING | 6-WDS-3306005 | 6-WDS-3306005-F1 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 133 | LUT -33 -PIPING | 6-WDS-3306007 | 6-WDS-3306007-F1 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 134 | LUT -33 -PIPING | 6-WP-3306001 | 6-WP-3306001-F1 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 135 | LUT -33 -PIPING | 6-WP-3306003 | 6-WP-3306003-F1 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |
| 136 | LUT -33 -PIPING | 6-WP-3306004 | 6-WP-3306004-F1 | 10Y | | | | | | | I | | | | | | IRI | IRI-INLB |

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|------------------|--------------------|------------------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 137 | LUT -33 -PIPING | 6-WP-3306050 | 6-WP-3306050-F1 | 10Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 138 | LUT -34 -PIPING | 6-WS-3404004 | 6-WS-3404004-A1 | 10Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 139 | LUT -36 -PIPING | 8-A1I-3601002 | 8-A1I-3601002-D1 | 10Y | | | | | | | I | | | | | | IRI | IRI - INLB |
| 140 | LUT -33 -PIPING | 8-CPL-3305051 | 8-CPL-3305051-A1-25S | 5Y | | | | | | I | | | | | | | IRI | IRI - INLB |
| 141 | LUT -33 -PIPING | 8-WDS-3305052 | 8-WDS-3305052-D11 | 10Y | | | | | | I | | | | | | | IRI | IRI - INLB |
| 142 | LUT -33 -PIPING | 8-WP-3305004 | 8-WP-3305004-A1 | 10Y | | | | | | I | | | | | | | IRI | IRI - INLB |
| 143 | LUT -38A-02-AC10 | E38A-AC10-1-BATT | BATTERY E38-AC10-1-BAT | 1Y | P | | | | | | | | | | | | COH | COH-UPS |
| 144 | LUT -38A-02-AC10 | E38A-AC10-2-BATT | BATTERY E38-AC10-2-BAT | 1Y | P | | | | | | | | | | | | COH | COH-UPS |
| 145 | LUT -38A-02-AG10 | E38A-AG10-1-BATT | BATTERY FOR E38-E02+AG10-1-BAT | 1Y | P | | | | | | | | | | | | COH | COH-UPS |
| 146 | LUT -38A-02-AG10 | E38A-AG10-2-BATT | BATTERY FOR E38-E02+AG10-2-BAT | 1Y | P | | | | | | | | | | | | COH | COH-UPS |
| 147 | LUT -38A-02-AC10 | E38A-E02-AC10-1-BC | CHARGER E38-E02+AC10-1-BC | 1Y | | | | | | | P | | | | | | COH | COH-UPS |
| 148 | LUT -38A-02-AC10 | E38A-E02-AC10-1-BC | CHARGER E38-E02+AC10-1-BC | 6M | | | | I | | | | | | I | | | COH | COH-UPS |
| 149 | LUT -38A-02-AC10 | E38A-E02-AC10-2-BC | CHARGER E38-E02+AC10-2-BC | 1Y | | | | | | | P | | | | | | COH | COH-UPS |
| 150 | LUT -38A-02-AC10 | E38A-E02-AC10-2-BC | CHARGER E38-E02+AC10-2-BC | 6M | | | | I | | | | | | I | | | COH | COH-UPS |
| 151 | LUT -38A-02-AE10 | E38A-E02-AE10-BATT | BATTERY FOR E38-E02+AE10-BATT | 1Y | P | | | | | | | | | | | | COH | COH-UPS |
| 152 | LUT -38A-02-AE10 | E38A-E02-AE10-UPS | UPS E38-E02+AE10-UPS | 1Y | | | | | | | P | | | | | | COH | COH-UPS |
| 153 | LUT -38A-02-AE10 | E38A-E02-AE10-UPS | UPS E38-E02+AE10-UPS | 6M | | | | I | | | | | | I | | | COH | COH-UPS |
| 154 | LUT -38A-02-AG10 | E38A-E02-AG10-1-BC | CHARGER E38-E02+AG10-1-BC | 1Y | | | | | | | P | | | | | | COH | COH-UPS |
| 155 | LUT -38A-02-AG10 | E38A-E02-AG10-1-BC | CHARGER E38-E02+AG10-1-BC | 6M | | | | I | | | | | | I | | | COH | COH-UPS |
| 156 | LUT -38A-02-AG10 | E38A-E02-AG10-2-BC | CHARGER E38-E02+AG10-2-BC | 1Y | | | | | | | P | | | | | | COH | COH-UPS |
| 157 | LUT -38A-02-AG10 | E38A-E02-AG10-2-BC | CHARGER E38-E02+AG10-2-BC | 6M | | | | I | | | | | | I | | | COH | COH-UPS |
| 158 | LUT -35 -35D012 | LUT-OFT1011 | FLOW TRANS OF STEAM TO D/A GTB | 1Y | | | | | | | I | | | | | | RLB | RLB-ILBO |
| 159 | LUT -35 -35D012 | LUT-OFT4100 | FLOW TRANS OF MAKE UP WATER | 1Y | | | | | | | I | | | | | | RLB | RLB-ILBO |
| 160 | LUT -35 -35D012 | LUT-0LCV1000 | LEVEL C/V OF WP TO 35D012(D/A GTB) | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 161 | LUT -35 -35D012 | LUT-0LT1000 | LEVEL TRANS OF 35D012(D/A) | 1Y | | | | | | | | | | | I | | RLB | RLB-ILBO |
| 162 | LUT -35 -35T001 | LUT-0LT350101 | LEVEL TRANS OF 35T001 | 1Y | | I | | | | | | | | | | | RLB | RLB-ILBO |
| 163 | LUT -35 -35D012 | LUT-0PCV1011 | SELF C/V OF SSH TO 35D012(D/A) | 1Y | | | | | | | | | | | | | RLB | RLB-ILBO |
| 164 | LUT -36 -36A001 | LUT-0PS001 | PRESSURE S/W LEFT AIR DEYER@ 45PSI | 1Y | | F | | | | I | | | | | | | RLB | RLB-ILBO |
| 165 | LUT -36 -36A001 | LUT-0PS002 | PRESSURE S/W RIGHT AIR DEYER@45PSI | 1Y | | | | | | I | | | | | | | | |

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[illegible]

PREVENTIVE MAINTENANCE YEARLY SCHEDULE
PLANT: LUT YEAR: 2022

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Legend Text : B = Program Back-up C = Calibrate F = Function Test H = Overhaul I = Inspect L = Lubricate M = Strategy Plan P = Preventive Q = Check oil quality
S = Service T = Stand by condition check U = Running condition check V = Verify

| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|------------------|-----------------|---|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 205 | LUT -36 -36K001B | LUT-2PS001 | PRESSURE S/W OF SEAL AIR @ 8 PSI | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 206 | LUT -36 -36K001B | LUT-2PT001 | PRESSURE TRANS OF DISCHARGE 36K001A | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 207 | LUT -36 -36K001B | LUT-2PT002 | PRESSURE TRANS OF LUBE OIL | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 208 | LUT -36 -36K001B | LUT-2PT003 | PRESSURE TRANS OF 1ST STAGE | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 209 | LUT -36 -36K001B | LUT-2PT004 | PRESSURE TRANS OF 2ND STAGE | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 210 | LUT -36 -36K001B | LUT-2TE001 | TEMP.ELEMENT OF LUBE OIL | 1Y | | | I | | | | | | | | | | RLB | RLB-ILBO |
| 211 | LUT -36 -36K001B | LUT-2TE002 | TEMP.ELEMENT OF 1ST STAGE | 1Y | | | I | | | | | | | | | | RLB | RLB-ILBO |
| 212 | LUT -36 -36K001B | LUT-2TS001 | TEMP.S/W OF OIL HEATER @ 95 DEG.F | 1Y | | | I | | | | | | | | | | RLB | RLB-ILBO |
| 213 | LUT -36 -36K001B | LUT-2TS002 | TEMP.S/W VORTEX PANEL COOLER @ 90 DEG.F | 1Y | | | I | | | | | | | | | | RLB | RLB-ILBO |
| 214 | LUT -36 -36K001B | LUT-2TS003 | TEMP.S/W PANEL SPACE HEATER @ 60 DEG.F | 1Y | | | I | | | | | | | | | | RLB | RLB-ILBO |
| 215 | LUT -36 -36K001B | LUT-2TT004 | TEMP.TRANS OF 2ND STAGE | 1Y | | | I | | | | | | | | | | RLB | RLB-ILBO |
| 216 | LUT -36 -36K001B | LUT-2TT006 | TEMP.TRANS OF DISCHARGE | 1Y | | | I | | | | | | | | | | RLB | RLB-ILBO |
| 217 | LUT -36 -36K001B | LUT-2VT001 | VIBRATION TRANS OF 1ST STAGE | 1Y | | | I | | | | | | | | | | RLB | RLB-ILBO |
| 218 | LUT -36 -36K001B | LUT-2VT002 | VIBRATION TRANS OF 2ND STAGE | 1Y | | | I | | | | | | | | | | RLB | RLB-ILBO |
| 219 | LUT -36 -36K001B | LUT-2VT003 | VIBRATION TRANS OF 3 RD STAGE | 1Y | | | I | | | | | | | | | | RLB | RLB-ILBO |
| 220 | LUT -33 -33K001A | LUT-33K001A-K01 | DEGASIFIER FAN | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 221 | LUT -33 -33K001A | LUT-33K001A-K01 | DEGASIFIER FAN | 6M | | I | | | | | | | | | | | RLB | RLB-MLBO |
| 222 | LUT -33 -33K001A | LUT-33K001A-K01 | DEGASIFIER FAN | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 223 | LUT -33 -33K001A | LUT-33K001A-M01 | M01 | 1Y | | | | | | | | T | | | | | RLB | RLB-ELBO |
| 224 | LUT -33 -33K001B | LUT-33K001B-K01 | DEGASIFIER FAN | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 225 | LUT -33 -33K001B | LUT-33K001B-K01 | DEGASIFIER FAN | 6M | | I | | | | | | I | | | | | RLB | RLB-MLBO |
| 226 | LUT -33 -33K001B | LUT-33K001B-K01 | DEGASIFIER FAN | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 227 | LUT -33 -33K001B | LUT-33K001B-M01 | M01 | 1Y | | | | | | | | T | | | | | RLB | RLB-ELBO |
| 228 | LUT -33 -33K002 | LUT-33K002-K01 | NEUTRALIZATION BLOWER | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 229 | LUT -33 -33K002 | LUT-33K002-K01 | NEUTRALIZATION BLOWER | 3M | | I | | | I | | | I | | | I | | RLB | RLB-MLBO |
| 230 | LUT -33 -33K002 | LUT-33K002-M01 | M01 | 1Y | | | | | | | | T | | | | | RLB | RLB-ELBO |
| 231 | LUT -33 -33K003 | LUT-33K003-K01 | DEGASIFIER FAN | 6M | | I | | | | | | I | | | | | RLB | RLB-MLBO |
| 232 | LUT -33 -33K003 | LUT-33K003-K01 | DEGASIFIER FAN | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 233 | LUT -33 -33K003 | LUT-33K003-M01 | M01 | 1Y | | | | | | | | T | | | | | RLB | RLB-ELBO |
| 234 | LUT -33 -33P001A | LUT-33P001A-M01 | M01 | 1Y | | | | | | | | | | T | | | RLB | RLB-ELBO |
| 235 | LUT -36 -33P001A | LUT-33P001A-P01 | DEGASIFIED WATER PUMP | 3M | | I | | | I | | | I | | | I | | IRI | IRI-INVB |
| 236 | LUT -36 -33P001A | LUT-33P001A-P01 | DEGASIFIED WATER PUMP | 3M | | | I | | | I | | | I | | | I | IRI | IRI-INVB |
| 237 | LUT -36 -33P001A | LUT-33P001A-P01 | DEGASIFIED WATER PUMP | 6M | | | | I | | | | | | I | | | RLB | RLB-MLBO |
| 238 | LUT -36 -33P001A | LUT-33P001A-P01 | DEGASIFIED WATER PUMP | 6M | | | | L | | | | | | L | | | RLB | RLB-MLBO |

PREVENTIVE MAINTENANCE YEARLY SCHEDULE
PLANT: LUT YEAR: 2022

Form No.
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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|------------------|-----------------|--------------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 239 | LUT -33 -33P001B | LUT-33P001B-M01 | M01 | 1Y | | | | T | | | | | | | | | RLB | RLB-ELBO |
| 240 | LUT -36 -33P001B | LUT-33P001B-P01 | DEGASIFIED WATER PUMP | 3M | | I | | | I | | | I | | | I | | IRI | IRI-INVB |
| 241 | LUT -36 -33P001B | LUT-33P001B-P01 | DEGASIFIED WATER PUMP | 3M | | | I | | | I | | | I | | | I | IRI | IRI-INVB |
| 242 | LUT -36 -33P001B | LUT-33P001B-P01 | DEGASIFIED WATER PUMP | 6M | | | | I | | | | | | I | | | RLB | RLB-MLBO |
| 243 | LUT -36 -33P001B | LUT-33P001B-P01 | DEGASIFIED WATER PUMP | 6M | | | | L | | | | | | L | | | RLB | RLB-MLBO |
| 244 | LUT -33 -33P001C | LUT-33P001C-M01 | M01 | 1Y | | | | | T | | | | | | | | RLB | RLB-ELBO |
| 245 | LUT -33 -33P001C | LUT-33P001C-P01 | PUMP 33P001C | 3M | | | I | | | I | | | I | | | I | IRI | IRI-INVB |
| 246 | LUT -33 -33P001C | LUT-33P001C-P01 | PUMP 33P001C | 3M | I | | | I | | | I | | | I | | | IRI | IRI-INVB |
| 247 | LUT -33 -33P001C | LUT-33P001C-P01 | PUMP 33P001C | 6M | | | | | I | | | | | | I | | RLB | RLB-MLBO |
| 248 | LUT -33 -33P001D | LUT-33P001D-M01 | M01 | 1Y | | | | | T | | | | | | | | RLB | RLB-ELBO |
| 249 | LUT -33 -33P001D | LUT-33P001D-P01 | PUMP 33P001D | 3M | | | I | | | I | | | I | | | I | IRI | IRI-INVB |
| 250 | LUT -33 -33P001D | LUT-33P001D-P01 | PUMP 33P001D | 3M | I | | | I | | | I | | | I | | | IRI | IRI-INVB |
| 251 | LUT -33 -33P001D | LUT-33P001D-P01 | PUMP 33P001D | 6M | | L | | | | | | L | | | | | RLB | RLB-MLBO |
| 252 | LUT -33 -33P002A | LUT-33P002A-M01 | M01 | 1Y | | | T | | | | | | | | | | RLB | RLB-ELBO |
| 253 | LUT -33 -33P002A | LUT-33P002A-P01 | CATION REGENERANT RECYCLE PUMP | 2M | | I | | I | | I | | I | | | I | | IRI | IRI-INVB |
| 254 | LUT -33 -33P002A | LUT-33P002A-P01 | CATION REGENERANT RECYCLE PUMP | 6M | | | I | | | | | | I | | | | RLB | RLB-MLBO |
| 255 | LUT -33 -33P002B | LUT-33P002B-M01 | M01 | 1Y | | | T | | | | | | | | | | RLB | RLB-ELBO |
| 256 | LUT -33 -33P002B | LUT-33P002B-P01 | CATION REGENERANT RECYCLE PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 257 | LUT -33 -33P002B | LUT-33P002B-P01 | CATION REGENERANT RECYCLE PUMP | 6M | | I | | | | | | I | | | | | RLB | RLB-MLBO |
| 258 | LUT -33 -33P003A | LUT-33P003A-M01 | M01 | 1Y | | | T | | | | | | | | | | RLB | RLB-ELBO |
| 259 | LUT -33 -33P003A | LUT-33P003A-P01 | ANION REGENERANT RECYCLE PUMP | 2M | | I | | I | | I | | I | | | I | | IRI | IRI-INVB |
| 260 | LUT -33 -33P003A | LUT-33P003A-P01 | ANION REGENERANT RECYCLE PUMP | 6M | | | I | | | | | | I | | | | RLB | RLB-MLBO |
| 261 | LUT -33 -33P003B | LUT-33P003B-M01 | M01 | 1Y | | | T | | | | | | | | | | RLB | RLB-ELBO |
| 262 | LUT -33 -33P003B | LUT-33P003B-P01 | ANION REGENERANT RECYCLE PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 263 | LUT -33 -33P003B | LUT-33P003B-P01 | ANION REGENERANT RECYCLE PUMP | 6M | | I | | | | | | I | | | | | RLB | RLB-MLBO |
| 264 | LUT -33 -33P004A | LUT-33P004A-M01 | M01 | 1Y | | | T | | | | | | | | | | RLB | RLB-ELBO |
| 265 | LUT -33 -33P004A | LUT-33P004A-P01 | REGEN. / BACKWASH PUMP | 2M | | I | | I | | I | | I | | | I | | IRI | IRI-INVB |
| 266 | LUT -33 -33P004A | LUT-33P004A-P01 | REGEN. / BACKWASH PUMP | 2M | | I | | I | | I | | I | | | I | | IRI | IRI-INVB |
| 267 | LUT -33 -33P004A | LUT-33P004A-P01 | REGEN. / BACKWASH PUMP | 6M | | | I | | | | | I | | | | | RLB | RLB-MLBO |
| 268 | LUT -33 -33P004A | LUT-33P004A-P01 | REGEN. / BACKWASH PUMP | 6M | | | | | | L | | | | | | L | RLB | RLB-MLBO |
| 269 | LUT -33 -33P004B | LUT-33P004B-M01 | M01 | 1Y | | | T | | | | | | | | | | RLB | RLB-ELBO |
| 270 | LUT -33 -33P004B | LUT-33P004B-P01 | REGEN. / BACKWASH PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 271 | LUT -33 -33P004B | LUT-33P004B-P01 | REGEN. / BACKWASH PUMP | 6M | | I | | | | | | I | | | | | RLB | RLB-MLBO |
| 272 | LUT -33 -33P004B | LUT-33P004B-P01 | REGEN. / BACKWASH PUMP | 6M | | | | | L | | | | | | L | | RLB | RLB-MLBO |

PREVENTIVE MAINTENANCE YEARLY SCHEDULE
PLANT: LUT YEAR: 2022

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|------------------|-----------------|---------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 273 | LUT -33 -33P005A | LUT-33P005A-M01 | M01 | 1Y | | | | | | | | | T | | | | RLB | RLB-ELBO |
| 274 | LUT -33 -33P005A | LUT-33P005A-P01 | DEMIN WATER FEED PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 275 | LUT -33 -33P005A | LUT-33P005A-P01 | DEMIN WATER FEED PUMP | 6M | | | I | | | | | | I | | | | RLB | RLB-MLBO |
| 276 | LUT -33 -33P005A | LUT-33P005A-P01 | DEMIN WATER FEED PUMP | 6M | | | | | | L | | | | | | L | RLB | RLB-MLBO |
| 277 | LUT -33 -33P005B | LUT-33P005B-M01 | M01 | 1Y | | | | | | | | T | | | | | RLB | RLB-ELBO |
| 278 | LUT -33 -33P005B | LUT-33P005B-P01 | DEMIN WATER FEED PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 279 | LUT -33 -33P005B | LUT-33P005B-P01 | DEMIN WATER FEED PUMP | 6M | | I | | | | | | I | | | | | RLB | RLB-MLBO |
| 280 | LUT -33 -33P005B | LUT-33P005B-P01 | DEMIN WATER FEED PUMP | 6M | | | | | L | | | | | | L | | RLB | RLB-MLBO |
| 281 | LUT -33 -33P006A | LUT-33P006A-M01 | M01 | 1Y | | | | | | | | | T | | | | RLB | RLB-ELBO |
| 282 | LUT -33 -33P006A | LUT-33P006A-P01 | ACID METERING PUMP | 6M | | | I | | | | | | I | | | | RLB | RLB-MLBO |
| 283 | LUT -33 -33P006B | LUT-33P006B-M01 | M01 | 1Y | | T | | | | | | | | | | | RLB | RLB-ELBO |
| 284 | LUT -33 -33P006B | LUT-33P006B-P01 | ACID METERING PUMP | 6M | | I | | | | | | I | | | | | RLB | RLB-MLBO |
| 285 | LUT -33 -33P007A | LUT-33P007A-M01 | M01 | 1Y | | | | | | | | | T | | | | RLB | RLB-ELBO |
| 286 | LUT -33 -33P007A | LUT-33P007A-P01 | CAUSTIC METERING PUMP | 6M | | | I | | | | | | I | | | | RLB | RLB-MLBO |
| 287 | LUT -33 -33P007B | LUT-33P007B-M01 | M01 | 1Y | | | | | | | | T | | | | | RLB | RLB-ELBO |
| 288 | LUT -33 -33P007B | LUT-33P007B-P01 | CAUSTIC METERING PUMP | 6M | | I | | | | | | I | | | | | RLB | RLB-MLBO |
| 289 | LUT -33 -33P008A | LUT-33P008A-M01 | M01 | 1Y | | | | | | | | | T | | | | RLB | RLB-ELBO |
| 290 | LUT -33 -33P008A | LUT-33P008A-P01 | EFFLUENT DISCHARGE PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 291 | LUT -33 -33P008A | LUT-33P008A-P01 | EFFLUENT DISCHARGE PUMP | 6M | | | I | | | | | | I | | | | RLB | RLB-MLBO |
| 292 | LUT -33 -33P008A | LUT-33P008A-P01 | EFFLUENT DISCHARGE PUMP | 6M | | | | | | L | | | | | | L | RLB | RLB-MLBO |
| 293 | LUT -33 -33P008B | LUT-33P008B-M01 | M01 | 1Y | | | | | | | | T | | | | | RLB | RLB-ELBO |
| 294 | LUT -33 -33P008B | LUT-33P008B-P01 | EFFLUENT DISCHARGE PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 295 | LUT -33 -33P008B | LUT-33P008B-P01 | EFFLUENT DISCHARGE PUMP | 6M | | I | | | | | | I | | | | | RLB | RLB-MLBO |
| 296 | LUT -33 -33P008B | LUT-33P008B-P01 | EFFLUENT DISCHARGE PUMP | 6M | | | | | L | | | | | | L | | RLB | RLB-MLBO |
| 297 | LUT -33 -33P009A | LUT-33P009A-M01 | M01 | 1Y | | | | | | | | | T | | | | RLB | RLB-ELBO |
| 298 | LUT -33 -33P009A | LUT-33P009A-P01 | DEMIN WATER TRANSFER PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 299 | LUT -33 -33P009A | LUT-33P009A-P01 | DEMIN WATER TRANSFER PUMP | 6M | | | I | | | | | | I | | | | RLB | RLB-MLBO |
| 300 | LUT -33 -33P009A | LUT-33P009A-P01 | DEMIN WATER TRANSFER PUMP | 6M | | | | | | L | | | | | | L | RLB | RLB-MLBO |
| 301 | LUT -33 -33P009B | LUT-33P009B-M01 | M01 | 1Y | | | | | | | | | T | | | | RLB | RLB-ELBO |
| 302 | LUT -33 -33P009B | LUT-33P009B-P01 | DEMIN WATER TRANSFER PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 303 | LUT -33 -33P009B | LUT-33P009B-P01 | DEMIN WATER TRANSFER PUMP | 6M | | I | | | | | | I | | | | | RLB | RLB-MLBO |
| 304 | LUT -33 -33P009B | LUT-33P009B-P01 | DEMIN WATER TRANSFER PUMP | 6M | | | | | L | | | | | | | L | RLB | RLB-MLBO |
| 305 | LUT -33 -33P010A | LUT-33P010A-M01 | M01 | 1Y | | | | | | T | | | | | | | RLB | RLB-ELBO |
| 306 | LUT -33 -33P010A | LUT-33P010A-P01 | CONDENSATE FEED PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |

PREVENTIVE MAINTENANCE YEARLY SCHEDULE
PLANT: LUT YEAR: 2022

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Legend Text : B = Program Back-up C = Calibrate F = Function Test H = Overhaul I = Inspect L = Lubricate M = Strategy Plan P = Preventive Q = Check oil quality
S = Service T = Stand by condition check U = Running condition check V = Verify

| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|------------------|-----------------|--|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 307 | LUT -33 -33P010A | LUT-33P010A-P01 | CONDENSATE FEED PUMP | 6M | | | | | I | | | | | | I | | RLB | RLB-MLBO |
| 308 | LUT -33 -33P010A | LUT-33P010A-P01 | CONDENSATE FEED PUMP | 6M | | | | | L | | | | | | L | | RLB | RLB-MLBO |
| 309 | LUT -33 -33P010B | LUT-33P010B-M01 | M01 | 1Y | | | | | | | | | | T | | | RLB | RLB-ELBO |
| 310 | LUT -33 -33P010B | LUT-33P010B-P01 | CONDENSATE FEED PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 311 | LUT -33 -33P010B | LUT-33P010B-P01 | CONDENSATE FEED PUMP | 6M | | | | I | | | | | | I | | | RLB | RLB-MLBO |
| 312 | LUT -33 -33P010B | LUT-33P010B-P01 | CONDENSATE FEED PUMP | 6M | | | | L | | | | | | | | | RLB | RLB-MLBO |
| 313 | LUT -33 -33P011A | LUT-33P011A-M01 | M01 | 1Y | T | | | | | | | | | | | | RLB | RLB-ELBO |
| 314 | LUT -33 -33P011A | LUT-33P011A-P01 | CATION REGEN. RECYCLE PUMP | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 315 | LUT -33 -33P011B | LUT-33P011B-M01 | M01 | 1Y | | T | | | | | | | | | | | RLB | RLB-ELBO |
| 316 | LUT -33 -33P011B | LUT-33P011B-P01 | CATION REGEN. RECYCLE PUMP | 6M | | I | | | | | | I | | | | | RLB | RLB-MLBO |
| 317 | LUT -33 -33P012A | LUT-33P012A-M01 | M01 | 1Y | T | | | | | | | | | | | | RLB | RLB-ELBO |
| 318 | LUT -33 -33P012A | LUT-33P012A-P01 | ANION REGEN. RECYCLE PUMP | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 319 | LUT -33 -33P012B | LUT-33P012B-M01 | M01 | 1Y | | T | | | | | | | | | | | RLB | RLB-ELBO |
| 320 | LUT -33 -33P012B | LUT-33P012B-P01 | ANION REGEN. RECYCLE PUMP | 6M | | | I | | | | | I | | | | | RLB | RLB-MLBO |
| 321 | LUT -33 -33P015 | LUT-33P015-M01 | M01 | 1Y | T | | | | | | | | | | | | RLB | RLB-ELBO |
| 322 | LUT -33 -33P015 | LUT-33P015-P01 | DEGASIFIED WATER PUMP | 3M | | I | | | I | | | I | | | I | | IRI | IRI-INVB |
| 323 | LUT -33 -33P015 | LUT-33P015-P01 | DEGASIFIED WATER PUMP | 3M | I | | | | I | | | I | | | I | | IRI | IRI-INVB |
| 324 | LUT -33 -33P015A | LUT-33P015A-P01 | Degasifier Gas Pump A | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 325 | LUT -33 -33P015A | LUT-33P015A-P01 | Degasifier Gas Pump A | 6M | | | L | | | | | | L | | | | RLB | RLB-MLBO |
| 326 | LUT -33 -33P015B | LUT-33P015B-P01 | Degasifier Gas Pump B | 6M | | | | | | I | | | | | | | RLB | RLB-MLBO |
| 327 | LUT -33 -33P015B | LUT-33P015B-P01 | Degasifier Gas Pump B | 6M | | | L | | | | | | L | | | | RLB | RLB-MLBO |
| 328 | LUT -34 -34K001A | LUT-34K001A-K01 | COOLING TOWER FAN | 3M | | I | | | I | | | I | | | I | | IRI | IRI-INOL |
| 329 | LUT -34 -34K001A | LUT-34K001A-K01 | COOLING TOWER FAN | 1M | I | I | I | I | I | I | I | I | I | I | I | I | IRI | IRI-INVB |
| 330 | LUT -34 -34K001A | LUT-34K001A-K01 | COOLING TOWER FAN | 1Y | | I | | | | | | | | | | | RLB | RLB-MLBO |
| 331 | LUT -34 -34K001A | LUT-34K001A-K01 | COOLING TOWER FAN | 1Y | | | L | | | L | | L | | | | L | RLB | RLB-MLBO |
| 332 | LUT -34 -34K001A | LUT-34K001A-M01 | M01 | 3M | | | L | | | L | | L | | | | | RLB | RLB-ELBO |
| 333 | LUT -34 -34K001B | LUT-34K001B-K01 | COOLING TOWER FAN | 3M | | I | | | I | | | I | | | I | | IRI | IRI-INOL |
| 334 | LUT -34 -34K001B | LUT-34K001B-K01 | COOLING TOWER FAN | 1M | I | I | I | I | I | I | I | I | I | I | I | I | IRI | IRI-INVB |
| 335 | LUT -34 -34K001B | LUT-34K001B-K01 | COOLING TOWER FAN | 1Y | | | | | | | | | | | L | | RLB | RLB-MLBO |
| 336 | LUT -34 -34K001B | LUT-34K001B-M01 | M01 | 3M | | | L | | | L | | | L | | | L | RLB | RLB-ELBO |
| 337 | LUT -38A-34K001C | LUT-34K001C | VSD FOR MOTOR COOLING FAN 34K001C 160 KW | 3M | | I | | | I | | | I | | | I | | IRI | IRI-INOL |
| 338 | LUT -34 -34K001C | LUT-34K001C-K01 | INST TERMINATION BOX LCP3201801 2/2 | 1M | I | I | I | I | I | I | I | I | I | I | I | I | IRI | IRI-INVB |
| 339 | LUT -34 -34K001C | LUT-34K001C-K01 | INST TERMINATION BOX LCP3201801 2/2 | 6M | | | | I | | | | | | | I | | RLB | RLB-MLBO |
| 340 | LUT -34 -34K001C | LUT-34K001C-K01 | INST TERMINATION BOX LCP3201801 2/2 | 1Y | | | | | | | | | | L | | | RLB | RLB-MLBO |

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|------------------|-----------------|-------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 341 | LUT -34 -34K001C | LUT-34K001C-M01 | MD1 | 3M | | | L | | | L | | | L | | | L | RLB | RLB-ELBO |
| 342 | LUT -34 -34K001D | LUT-34K001D-K01 | COOLING TOMER FAN | 3M | | I | | | I | | | I | | | I | | IRI | IRI - INOL |
| 343 | LUT -34 -34K001D | LUT-34K001D-M01 | MD1 | 3M | | | L | | | L | | | L | | | L | RLB | RLB-ELBO |
| 344 | LUT -34 -34K001E | LUT-34K001E-K01 | COOLING TOMER FAN | 3M | | I | | | I | | | I | | | I | | IRI | IRI - INOL |
| 345 | LUT -34 -34K001E | LUT-34K001E-K01 | COOLING TOMER FAN | 1M | I | I | I | I | I | I | I | I | I | I | I | I | IRI | IRI - INVB |
| 346 | LUT -34 -34K001E | LUT-34K001E-K01 | COOLING TOMER FAN | 1Y | | | | | | I | | | | | | | RLB | RLB-MLBO |
| 347 | LUT -34 -34K001E | LUT-34K001E-K01 | COOLING TOMER FAN | 1Y | | | | | | | | | | | | | L | RLB |
| 348 | LUT -34 -34K001E | LUT-34K001E-M01 | MD1 | 3M | | | L | | | L | | | L | | | L | RLB | RLB-ELBO |
| 349 | LUT -34 -34K001F | LUT-34K001F-K01 | COOLING TOMER FAN | 3M | | I | | | I | | | I | | | I | | IRI | IRI - INOL |
| 350 | LUT -34 -34K001F | LUT-34K001F-K01 | COOLING TOMER FAN | 1M | I | I | I | I | I | I | I | I | I | I | I | I | IRI | IRI - INVB |
| 351 | LUT -34 -34K001F | LUT-34K001F-K01 | COOLING TOMER FAN | 1Y | | | | | | I | | | | | | | RLB | RLB-MLBO |
| 352 | LUT -34 -34K001F | LUT-34K001F-K01 | COOLING TOMER FAN | 1Y | | | | | | | | | L | | | | RLB | RLB-MLBO |
| 353 | LUT -34 -34K001F | LUT-34K001F-M01 | MD1 | 3M | | | L | | | L | | | L | | | L | RLB | RLB-ELBO |
| 354 | LUT -34 -34K002 | LUT-34K002-K01 | AIR BLOWER | 4M | I | | | | I | | | | I | | | | RLB | RLB-MLBO |
| 355 | LUT -34 -34K002 | LUT-34K002-M01 | MD1 | 1Y | T | | | | | | | | | | | | RLB | RLB-ELBO |
| 356 | LUT -34 -34P001A | LUT-34P001A-M01 | MD1 | 3M | | | L | | | L | | | L | | | L | RLB | RLB-ELBO |
| 357 | LUT -34 -34P001A | LUT-34P001A-P01 | MAIN COOLING WATER PUMP | 3M | | | I | | | I | | | I | | | I | IRI | IRI - INVB |
| 358 | LUT -34 -34P001A | LUT-34P001A-P01 | MAIN COOLING WATER PUMP | 3M | I | | | I | | | I | | | I | | | IRI | IRI - INVB |
| 359 | LUT -34 -34P001A | LUT-34P001A-P01 | MAIN COOLING WATER PUMP | 6M | | | | | I | | | | | | I | | RLB | RLB-MLBO |
| 360 | LUT -34 -34P001A | LUT-34P001A-P01 | MAIN COOLING WATER PUMP | 6M | | | | | L | | | | | | L | | RLB | RLB-MLBO |
| 361 | LUT -34 -34P001B | LUT-34P001B-M01 | MD1 | 3M | | | L | | | | | | L | | | L | RLB | RLB-ELBO |
| 362 | LUT -34 -34P001B | LUT-34P001B-P01 | MAIN COOLING WATER PUMP | 3M | | I | | | I | | I | | | | I | | IRI | IRI - INVB |
| 363 | LUT -34 -34P001B | LUT-34P001B-P01 | MAIN COOLING WATER PUMP | 3M | I | | | I | | | I | | | | | | IRI | IRI - INVB |
| 364 | LUT -34 -34P001B | LUT-34P001B-P01 | MAIN COOLING WATER PUMP | 6M | | | I | | | | | | I | | | | RLB | RLB-MLBO |
| 365 | LUT -34 -34P001B | LUT-34P001B-P01 | MAIN COOLING WATER PUMP | 6M | | | | | | L | | | | | | L | RLB | RLB-MLBO |
| 366 | LUT -34 -34P001C | LUT-34P001C-M01 | MD1 | 3M | | L | | | L | | | L | | | L | | RLB | RLB-ELBO |
| 367 | LUT -34 -34P001C | LUT-34P001C-P01 | MAIN COOLING WATER PUMP | 3M | | I | | | I | | | I | | | I | | IRI | IRI - INVB |
| 368 | LUT -34 -34P001C | LUT-34P001C-P01 | MAIN COOLING WATER PUMP | 3M | | | I | | | I | | | I | | | I | IRI | IRI - INVB |
| 369 | LUT -34 -34P001C | LUT-34P001C-P01 | MAIN COOLING WATER PUMP | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 370 | LUT -34 -34P001C | LUT-34P001C-P01 | MAIN COOLING WATER PUMP | 6M | | | | | | | | | | | | | | |

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|------------------|-----------------|-------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 375 | LUT -34 -34P001E | LUT-34P001E-P01 | MAIN COOLING WATER PUMP | 6M | | I | | | | | | I | | | | | RLB | RLB-MLBO |
| 376 | LUT -34 -34P001E | LUT-34P001E-P01 | MAIN COOLING WATER PUMP | 6M | | | | | L | | | | | | L | | RLB | RLB-MLBO |
| 377 | LUT -34 -34P001F | LUT-34P001F-M01 | M01 | 3M | L | | | L | | | L | | | L | | | RLB | RLB-ELBO |
| 378 | LUT -34 -34P001F | LUT-34P001F-P01 | MAIN COOLING WATER PUMP | 3M | | I | | | I | | | I | | | I | | IRI | IRI - INVB |
| 379 | LUT -34 -34P001F | LUT-34P001F-P01 | MAIN COOLING WATER PUMP | 3M | I | | | I | | | I | | | I | | | IRI | IRI - INVB |
| 380 | LUT -34 -34P001F | LUT-34P001F-P01 | MAIN COOLING WATER PUMP | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 381 | LUT -34 -34P001F | LUT-34P001F-P01 | MAIN COOLING WATER PUMP | 6M | | | | | | | L | | | | | L | RLB | RLB-MLBO |
| 382 | LUT -34 -34P001G | LUT-34P001G-M01 | M01 | 3M | T | | | T | | | T | | | T | | | RLB | RLB-ELBO |
| 383 | LUT -34 -34P001G | LUT-34P001G-P01 | MAIN COOLING WATER PUMP | 3M | | I | | | I | | | I | | | I | | IRI | IRI - INVB |
| 384 | LUT -34 -34P001G | LUT-34P001G-P01 | MAIN COOLING WATER PUMP | 3M | | | I | | | I | | | I | | | | IRI | IRI - INVB |
| 385 | LUT -34 -34P001G | LUT-34P001G-P01 | MAIN COOLING WATER PUMP | 6M | | | | | I | | | | | I | | | RLB | RLB-MLBO |
| 386 | LUT -34 -34P001G | LUT-34P001G-P01 | MAIN COOLING WATER PUMP | 6M | | | | L | | | | | | L | | | RLB | RLB-MLBO |
| 387 | LUT -34 -34P002 | LUT-34P002-M01 | M01 | 1Y | T | | | | | | | | | | | | RLB | RLB-ELBO |
| 388 | LUT -34 -34P002 | LUT-34P002-P01 | H2SO4 PUMP | 4M | I | | | | I | | | | I | | | | RLB | RLB-MLBO |
| 389 | LUT -34 -34P003 | LUT-34P003-M01 | M01 | 1Y | T | | | | | | | | | | | | RLB | RLB-ELBO |
| 390 | LUT -34 -34P003 | LUT-34P003-P01 | NAOCL PUMP | 4M | I | | | | I | | | | I | | | | RLB | RLB-MLBO |
| 391 | LUT -35 -35P008A | LUT-35P008A-M01 | M01 | 1Y | | | | | | | | | | | | T | RLB | RLB-ELBO |
| 392 | LUT -35 -35P008A | LUT-35P008A-P01 | DEAERATOR LIFT PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI - INVB |
| 393 | LUT -35 -35P008A | LUT-35P008A-P01 | DEAERATOR LIFT PUMP | 6M | | | | | | | | | | | | I | RLB | RLB-MLBO |
| 394 | LUT -35 -35P008B | LUT-35P008B-M01 | M01 | 1Y | | | | | | I | | | | | T | | RLB | RLB-ELBO |
| 395 | LUT -35 -35P008B | LUT-35P008B-M01 | M01 | 4M | | L | | | | L | | | | L | | | RLB | RLB-ELBO |
| 396 | LUT -35 -35P008B | LUT-35P008B-P01 | DEAERATOR LIFT PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI - INVB |
| 397 | LUT -35 -35P008B | LUT-35P008B-P01 | DEAERATOR LIFT PUMP | 6M | | | | | I | | | | | | I | | RLB | RLB-MLBO |
| 398 | LUT -35 -35P013A | LUT-35P013A-M01 | M01 | 1Y | | | | | | | | | | | T | | RLB | RLB-ELBO |
| 399 | LUT -35 -35P013A | LUT-35P013A-P01 | PROCESS PUMP | 4M | I | | | | I | | | | I | | | | IRI | IRI - INVB |
| 400 | LUT -35 -35P013A | LUT-35P013A-P01 | PROCESS PUMP | 4M | | I | | | | I | | | | I | | | IRI | IRI - INVB |
| 401 | LUT -35 -35P013A | LUT-35P013A-P01 | PROCESS PUMP | 4M | | | | I | | | | | I | | | | IRI | IRI - INVB |
| 402 | LUT -35 -35P013B | LUT-35P013B-M01 | M01 | 1Y | | | | | | | | | I | | | | RLB | RLB-MLBO |
| 403 | LUT -35 -35P013B | LUT-35P013B-P01 | PROCESS PUMP | 4M | | | I | | | | I | | | | I | | IRI | IRI - INVB |
| 404 | LUT -35 -35P013B | LUT-35P013B-P01 | PROCESS PUMP | 4M | | | I | | | | | I | | | | I | IRI | IRI - INVB |
| 405 | LUT -35 -35P013B | LUT-35P013B-P01 | PROCESS PUMP | 4M | | | | | | | | | | | | | | |

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|---------------------|--------------------|--|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 409 | LUT -36 -36A002 | LUT-36A002-M01 | MOTOR FOR AIR DRYER 36A002 | 6M | T | | | | | | T | | | | | | RLB | RLB-ELBO |
| 410 | LUT -36 -36H001 | LUT-36H001-M01 | MD1 | 6M | | | | I | | | | | | I | | | IRI | IRI-INSS |
| 411 | LUT -36 -36K001A | LUT-36K001A-K01 | AIR COMPRESSOR | 1Y | | | | | | | | | P | | | | CRE | CRE-CHIP |
| 412 | LUT -36 -36K001A | LUT-36K001A-K01 | AIR COMPRESSOR | 1M | I | I | I | I | I | I | I | I | I | I | I | I | IRI | IRI-INOL |
| 413 | LUT -36 -36K001A | LUT-36K001A-K01 | AIR COMPRESSOR | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 414 | LUT -36 -36K001A | LUT-36K001A-K01 | AIR COMPRESSOR | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 415 | LUT -36 -36K001B | LUT-36K001B-K01 | AIR COMPRESSOR | 1Y | | | | | | | | | | P | | | CRE | CRE-CHIP |
| 416 | LUT -36 -36K001B | LUT-36K001B-K01 | AIR COMPRESSOR | 1M | I | I | I | I | I | I | I | I | I | I | I | I | IRI | IRI-INOL |
| 417 | LUT -36 -36K001B | LUT-36K001B-K01 | AIR COMPRESSOR | 2M | | I | | | I | | I | | I | | I | | IRI | IRI-INVB |
| 418 | LUT -36 -36K001B | LUT-36K001B-K01 | AIR COMPRESSOR | 2M | | I | | I | | I | | I | | I | | | IRI | IRI-INVB |
| 419 | LUT -36 -36K001C | LUT-36K001C | Air Compressor ZH 10000+ 2-stage | 1M | I | I | I | I | I | I | I | I | I | I | I | I | IRI | IRI-INOL |
| 420 | LUT -36 -36K002 | LUT-36K002-K01 | BABY COMPRESSOR | 1Y | | | | | I | | | | | | | | RLB | RLB-MLBO |
| 421 | LUT -36 -36K002 | LUT-36K002-M01 | MD1 | 1Y | | | | | | | | | | | T | | RLB | RLB-ELBO |
| 422 | LUT -33 -GCL31AP001 | LUT-54GCL31AP001P1 | IP DEMIN TRANSFER PUMP#A | 6M | | L | | | | | L | | | | | | RLB | RLB-MLBO |
| 423 | LUT -33 -GCL31AP001 | LUT-54GCL31AP001P1 | IP DEMIN TRANSFER PUMP#A | 6M | | | | | I | | | | | | I | | RLB | RLB-MLBO |
| 424 | LUT -33 -GCL31AP001 | LUT-54GCL31CP101 | RE CON P.# 1 PS.DET.DISCH.PRESS.LO(IP) | 1Y | | | | | | | | | | | | I | RLB | RLB-ILBO |
| 425 | LUT -33 -GCL32AP001 | LUT-54GCL32AP001P1 | IP DEMIN TRANSFER PUMP#B | 6M | | | L | | | | | | L | | | | RLB | RLB-MLBO |
| 426 | LUT -33 -GCL32AP001 | LUT-54GCL32AP001P1 | IP DEMIN TRANSFER PUMP#B | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 427 | LUT -33 -GCL32AP001 | LUT-54GCL32CP101 | RE CON P.# 2 PS.DET.DISCH.PRESS.LO(IP) | 1Y | | | | | | | | | | | | I | RLB | RLB-ILBO |
| 428 | LUT -61 -61A001 | LUT-61A001-F01 | MAIN FLARE | 5Y | | | | | | | | | | I | | | IRI | IRI-INLB |
| 429 | LUT -61 -61A001 | LUT-61A001-F01 | MAIN FLARE | 1Y | | | | | | | | | | | | I | IRI | IRI-INLB |
| 430 | LUT -61 -61P095A | LUT-61P095A-P01 | SLOP OIL PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 431 | LUT -61 -61P095A | LUT-61P095A-P01 | SLOP OIL PUMP | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 432 | LUT -61 -61P095B | LUT-61P095B-P01 | SLOP OIL PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 433 | LUT -61 -61P095B | LUT-61P095B-P01 | SLOP OIL PUMP | 6M | | | | | I | | | | | | I | | RLB | RLB-MLBO |
| 434 | LUT -61 -81P055 | LUT-81P055-P01 | SLOP OIL PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 435 | LUT -61 -81P055 | LUT-81P055-P01 | SLOP OIL PUMP | 2M | | I | | I | | I | | I | | I | | | IRI | IRI-INVB |
| 436 | LUT -61 -81P055 | LUT-81P055-P01 | SLOP OIL PUMP | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 437 | LUT -61 -81P055 | LUT-81P055-P01 | SLOP OIL PUMP | 6M | | | | | | L | | | | | | L | RLB | RLB-MLBO |
| 438 | LUT -61 -81P055A | LUT-81P055A-M01 | MD1 | 1Y | | | | | | | | | | | | | | |

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|--------------------|-------------------|--|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 443 | LUT -33 -QMI_WATER | LUT-AI330251 | PH METER AI330251 | 1M | V | V | V | V | V | V | V | V | V | V | V | V | CAN | CAN-Q25 |
| 444 | LUT -33 -QMI_WATER | LUT-AI330252 | PH METER AI330252 | 1M | V | V | V | V | V | V | V | V | V | V | V | V | CAN | CAN-Q25 |
| 445 | LUT -33 -QMI_WATER | LUT-AI330253 | CONDUCTIVITY AI330253 | 3M | | | V | | | V | | | V | | V | | CAN | CAN-Q25 |
| 446 | LUT -33 -QMI_WATER | LUT-AI330651 | PH METER AI330651 | 1M | V | V | V | V | V | V | V | V | V | V | V | V | CAN | CAN-Q25 |
| 447 | LUT -33 -QMI_WATER | LUT-AI330652 | PH METER AI330652 | 1M | V | V | V | V | V | V | V | V | V | V | V | V | CAN | CAN-Q25 |
| 448 | LUT -33 -QMI_WATER | LUT-AIC330201 | PH METER AIC330201 | 1M | V | V | V | V | V | V | V | V | V | V | V | V | CAN | CAN-Q25 |
| 449 | LUT -33 -QMI_WATER | LUT-AIC330301 | PH METER AIC330301 | 1M | V | V | V | V | V | V | V | V | V | V | V | V | CAN | CAN-Q25 |
| 450 | LUT -34 -QMI_WATER | LUT-AIC340101 | PH METER AIC340101 | 1M | V | V | V | V | V | V | V | V | V | V | V | V | CAN | CAN-Q25 |
| 451 | LUT -38B-AIR | LUT-AIR-COND | AIR CONDITIONS MCC BOILER UTILITY LUBE | 3M | | P | | | P | | | P | | | P | | RLB | RLB-ELBO |
| 452 | LUT -33 -QMI_WATER | LUT-AIR330201 | SILICA AIR330201 | 1M | V | V | V | V | V | V | V | V | V | V | V | V | CAN | CAN-Q25 |
| 453 | LUT -BDG-AIR | LUT-AIRCOND | AIR CONDITIONS MCC/CCR UTILITY LUBE | 3M | | | P | | | P | | | P | | | P | RLB | RLB-ELBO |
| 454 | LUT -33 -QMI_WATER | LUT-AT330051 | PH METER AT330051 | 1M | V | V | V | V | V | V | V | V | V | V | V | V | CAN | CAN-Q25 |
| 455 | LUT -STR-BUILDING | LUT-BDG-34F001A-F | BUILDING STRUCTURE 34F001A-F-LUT | 6Y | | | | I | | | | | | | | | ENE | ENE-ENQS |
| 456 | LUT -STR-BUILDING | LUT-BDG-35D012 | BUILDING STRUCTURE 35D012 (BOILER HOUSE) | 6Y | | | | I | | | | | | | | | ENE | ENE-ENQS |
| 457 | LUT -STR-BUILDING | LUT-BDG-36K001 | BUILDING STRUCTURE 36K001-LUT | 6Y | | | | | | | | | | | | | ENE | ENE-ENQS |
| 458 | LUT -STR-BUILDING | LUT-BDG-CL | BUILDING STRUCTURE COOLING-LUT | 6Y | | | | I | | | | | | | | | ENE | ENE-ENQS |
| 459 | LUT -STR-BUILDING | LUT-BDG-DEMIN | BUILDING STRUCTURE DEMIN-LUT | 6Y | | | | I | | | | | | | | | ENE | ENE-ENQS |
| 460 | LUT -33 -QMI_WATER | LUT-CDI330101 | CONDUCTIVITY CDI330101 | 3M | V | | | V | | V | | | V | | | | CAN | CAN-Q25 |
| 461 | LUT -33 -QMI_WATER | LUT-CDI330102 | CONDUCTIVITY CDI330102 | 3M | V | | | V | | V | | | V | | | | CAN | CAN-Q25 |
| 462 | LUT -35 -QMI_WATER | LUT-CI330501 | CONDUCTIVITY CI330501 | 3M | V | | | V | | V | | | V | | | | CAN | CAN-Q25 |
| 463 | LUT -33 -QMI_WATER | LUT-CIAH330201 | CONDUCTIVITY CIAH330201 | 3M | V | | | V | | V | | | V | | | | CAN | CAN-Q25 |
| 464 | LUT -33 -QMI_WATER | LUT-CIAH330203 | CONDUCTIVITY CIAH330203 | 3M | V | | | V | | V | | | V | | | | CAN | CAN-Q25 |
| 465 | LUT -33 -QMI_WATER | LUT-CIAH330601 | CONDUCTIVITY CIAH330601 | 3M | V | | | V | | V | | | V | | | | CAN | CAN-Q25 |
| 466 | LUT -33 -QMI_WATER | LUT-CIAH330602 | CONDUCTIVITY CIAH330602 | 3M | V | | | V | | V | | | V | | | | CAN | CAN-Q25 |
| 467 | LUT -33 -QMI_WATER | LUT-CIR330202 | CONDUCTIVITY CIR330202 | 3M | V | | | V | | V | | | V | | | | CAN | CAN-Q25 |
| 468 | LUT -33 -QMI_WATER | LUT-CIR330204 | CONDUCTIVITY CIR330204 | 3M | V | | | V | | V | | | V | | | | CAN | CAN-Q25 |
| 469 | LUT -33 -QMI_WATER | LUT-CIR330603 | CONDUCTIVITY CIR330603 | 3M | V | | | V | | V | | | V | | | | CAN | CAN-Q25 |
| 470 | LUT -33 -QMI_WATER | LUT-CIR330604 | CONDUCTIVITY CIR330604 | 3M | V | | | V | | V | | | V | | | | CAN | CAN-Q25 |
| 471 | LUT -38A-E02 | LUT-E02-BC10-03 | E02+BC10 .3 | 2Y | | | | | P | | | | | | | | COH | COH-SWRL |
| 472 | LUT -38A-E02 | LUT-E02-BC10-04 | E02+BC10 .4 | 2Y | | | | | | P | | | | | | | COH | COH-SWRL |

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|------|---------------------|-----------------|---|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 477 | LUT -38A-E02 | LUT-E02-BC10-11 | 11 | 2Y | | | | | P | | | | | | | | COH | COH-SWRL |
| 478 | LUT -38A-E02 | LUT-E02-BC20-03 | E02+BC20_3 | 2Y | | | | | P | | | | | | | | COH | COH-SWRL |
| 479 | LUT -38A-E02 | LUT-E02-BC20-04 | E02+BC20_4 | 2Y | | | | | | P | | | | | | | COH | COH-SWRL |
| 480 | LUT -38A-E02 | LUT-E02-BC20-06 | E02+BC20_6 | 1Y | | | | | V | | | | | | | | RLB | RLB-ELBO |
| 481 | LUT -38A-E02 | LUT-E02-BC20-09 | E02+BC20_9 | 2Y | | | | | | P | | | | | | | COH | COH-SWRL |
| 482 | LUT -38A-E02 | LUT-E02-DB01 | E02+DB01 | 1Y | | | | | | | | | | | Q | | COH | COH-TRTL |
| 483 | LUT -38A-E02 | LUT-E02-DB01 | E02+DB01 | 2W | I | I | I | I | I | I | I | I | I | I | I | I | RLB | RLB-ELBO |
| 484 | LUT -38A-E02 | LUT-E02-DB02 | E02+DB02 | 1Y | | | | | | | | | | | Q | | COH | COH-TRTL |
| 485 | LUT -38A-E02 | LUT-E02-DB02 | E02+DB02 | 2W | I | I | I | I | I | I | I | I | I | I | I | I | RLB | RLB-ELBO |
| 486 | LUT -38A-E02 | LUT-E02-DC11 | E02+DC11 | 1Y | | | | | | | | | | | Q | | COH | COH-TRTL |
| 487 | LUT -38A-E02 | LUT-E02-DC11 | E02+DC11 | 2W | I | I | I | I | I | I | I | I | I | I | I | I | RLB | RLB-ELBO |
| 488 | LUT -38A-E02 | LUT-E02-DC21 | E02+DC21 | 1Y | | | | | | | | | | | Q | | COH | COH-TRTL |
| 489 | LUT -38A-E02 | LUT-E02-DC21 | E02+DC21 | 2W | I | I | I | I | I | I | I | I | I | I | I | I | RLB | RLB-ELBO |
| 490 | LUT -38B-E03 | LUT-E03-DC11 | E03+DC11 | 1Y | | | | | | | | | | | Q | | COH | COH-TRTL |
| 491 | LUT -38B-E03 | LUT-E03-DC21 | E03+DC21 | 1Y | | | | | | | | | | | Q | | COH | COH-TRTL |
| 492 | LUT -38B-E03 | LUT-E03-DC21 | E03+DC21 | 2W | I | I | I | I | I | I | I | I | I | I | I | I | RLB | RLB-ELBO |
| 493 | LUT -OCR-EA | LUT-EA-PANEL | EMERGENCY ALARM AREA OCR LUT | 1Y | | | | | | | | P | | | | | CES | CES-INST |
| 494 | LUT -OCR-EA | LUT-EA-UPS | EMERGENCY ALARM BACKUP AREA OCR LUT | 1Y | | | | | | | | P | | | | | CES | CES-INST |
| 495 | LUT -00 -FIRE_ALARM | LUT-FAL-PB | SCE FAL-PB | 3M | I | | | I | | | I | | | | I | | RLB | RLB-ELBO |
| 496 | LUT -00 -FIRE_ALARM | LUT-FAL-SMOKE | SCE FAL-SMOKE | 6M | | | | I | | | | | | I | | | RLB | RLB-ELBO |
| 497 | LUT -61 -CV | LUT-FCV619103A | FLOW C/V OF STEAM TO ASSIST FLARE | 1Y | | | | | | | | | | | | | RLB | RLB-ILBO |
| 498 | LUT -61 -CV | LUT-FCV619103B | FLOW C/V OF STEAM TO CLEAN ASSIST FLARE | 1Y | | | | | | | F | F | | | | | RLB | RLB-ILBO |
| 499 | LUT -33 -FLOW | LUT-FQ1330101 | FLOW TRANS OF WATER SUPPLY | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 500 | LUT -33 -33C003A | LUT-FQ1330202 | FLOW TRANS OF 33C003A | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 501 | LUT -33 -33C002B | LUT-FQ1330204 | FLOW IND. OF 33C002B | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 502 | LUT -33 -33P004A | LUT-FQ1330206 | FLOW TRANS OF 33P004A/B | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 503 | LUT -33 -33P005A | LUT-FQ1330207 | FLOW TRANS OF 33P005A/B | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 504 | LUT -33 -33P009A | LUT-FQ1330208 | FLOW TRANS OF 33P009A/B | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 505 | LUT -33 -33P010A | LUT-FQ1330501 | FLOW TRANS OF 33P010A/B | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 506 | LUT -33 -33C007A | LUT-FQ1330601 | FLOW TRANS OF 33C007A | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 507 | LUT -33 -33C007B | LUT-FQ1330602 | FLOW TRANS OF 33C007B | 1Y | | | | | V | | | | | | | | | |

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|------|---------------------|---------------------|----------------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 511 | LUT -61 -FLOW | LUT -FT619103 | FLOW TRANS OF STEAM | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 512 | LUT -61 -FLOW | LUT -FT619104 | FLOW TRANS OF STEAM TO 61A002 | 1Y | | | | | | | | | | | | | RLB | RLB-ILBO |
| 513 | LUT -33 -GCL31AP001 | LUT -GCL31AP001-M01 | MOTOR FOR DEMIN TRANSFER PUMP#A | 1Y | | | | T | | | V | | | | | | RLB | RLB-ELBO |
| 514 | LUT -33 -GCL31AP001 | LUT -GCL31AP001-M01 | MOTOR FOR DEMIN TRANSFER PUMP#A | 4M | L | | | | L | | | | | L | | | RLB | RLB-ELBO |
| 515 | LUT -33 -GCL32AP001 | LUT -GCL32AP001-M01 | MOTOR FOR DEMIN TRANSFER PUMP#B | 1Y | | | | T | | | | | | | | | RLB | RLB-ELBO |
| 516 | LUT -33 -GCL32AP001 | LUT -GCL32AP001-M01 | MOTOR FOR DEMIN TRANSFER PUMP#B | 4M | | L | | | T | L | | | | L | | | RLB | RLB-ELBO |
| 517 | LUT -33 -QMI_GD | LUT -GD3351 | GAS DETECTOR GD-3351 | 4M | | | | V | | | V | | | | | V | CAN | CAN-Q25 |
| 518 | LUT -38A-GEN001 | LUT -GEN001 | DIESEL GEN 1200KW | 6M | | | | | P | | | | | | P | | CES | CES-AUTO |
| 519 | LUT -38A-GEN001 | LUT -GEN001-LCP | LCP | 1W | I | I | I | I | I | I | I | I | I | I | I | I | RLB | RLB-ELBO |
| 520 | LUT -00 -GROUND-LN | LUT -GROUND-LN | GROUND-LN | 1Y | | | | | | | P | | | | | | RLB | RLB-ELBO |
| 521 | LUT -00 -GROUND-LN | LUT -GROUND-LN | GROUND-LN | 4M | | | I | | | | I | | | | I | | RLB | RLB-ELBO |
| 522 | LUT -CCR -INTERROOM | LUT -INTERROOM | INTERROOM AREA CCR LUT | 1Y | | P | | | | | | | | | | | CES | CES-INST |
| 523 | LUT -36 -36A001 | LUT -LCP36A001 | LOCAL CONTROL PANEL IN AIR DRYER | 1Y | | | | | | I | | | | | | | RLB | RLB-ILBO |
| 524 | LUT -36 -36K001A | LUT -LCP36K001A | LOCAL CONTROL PANEL IN 36K001A | 1Y | | I | | | | | | | | | | | RLB | RLB-ILBO |
| 525 | LUT -36 -36K001B | LUT -LCP36K001B | LOCAL CONTROL PANEL IN 36K001B | 1Y | | | I | | | | | | | | | | RLB | RLB-ILBO |
| 526 | LUT -34 -CV | LUT -LCV340201 | LEVEL C/V OF WP SUPPLY | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 527 | LUT -61 -61D052 | LUT -LCV619103 | LEVEL C/V OF WP TO 61D052 | 1Y | | | | | | | | F | | | | | RLB | RLB-ILBO |
| 528 | LUT -61 -61D053 | LUT -LCV619105 | LEVEL C/V OF WP TO 61D053 | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 529 | LUT -61 -81D015 | LUT -LCV810101 | LEVEL C/V OF WP 81D015 | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 530 | LUT -61 -81D016 | LUT -LCV810102 | LEVEL C/V OF WP TO 81D016 | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 531 | LUT -33 -33T002A | LUT -LS330102 | LEVEL S/W OF 33T002A | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 532 | LUT -33 -33T002B | LUT -LS330104 | LEVEL S/W OF 33T002B | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 533 | LUT -33 -33T003 | LUT -LS330106 | LEVEL S/W OF 33T003 | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 534 | LUT -33 -33T004 | LUT -LS330202 | LEVEL S/W OF 33T004 | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 535 | LUT -33 -33T006 | LUT -LS330302 | LEVEL S/W OF 33T006 | 1Y | | | | | F | | | | | | | | RLB | RLB-ILBO |
| 536 | LUT -33 -33T007 | LUT -LS330304 | LEVEL S/W OF 33T007 | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 537 | LUT -33 -33T008 | LUT -LS330305 | LEVEL S/W OF 33T008 | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 538 | LUT -33 -33T009 | LUT -LS330307 | LEVEL S/W OF 33T009 | 1Y | | | | | | | | F | | | | | RLB | RLB-ILBO |
| 539 | LUT -33 -33T010 | LUT -LS330309 | LEVEL S/W OF 33T010 | 1Y | | | | | | | | | F | | | | RLB | RLB-ILBO |
| 540 | LUT -33 -33T012 | LUT -LS330602 | LEVEL S/W OF 33T012 | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 541 | LUT -33 -33T013 | LUT -LS330604 | LEVEL S/W OF 33T013 | 1Y | | | | | | | | | | | | | | |

PREVENTIVE MAINTENANCE YEARLY SCHEDULE
PLANT: LUT YEAR: 2022

Form No.
Effective Date 29.12.2021
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Legend Text : B = Program Back-up C = Calibrate F = Function Test H = Overhaul I = Inspect L = Lubricate M = Strategy Plan P = Preventive Q = Check oil quality
S = Service T = Stand by condition check U = Running condition check V = Verify

| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|------------------|---------------|---------------------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 545 | LUT -34 -LEVEL | LUT-LS340204 | LEVEL S/W OF COOLING TOWER | 1Y | I | | | | | | | | | | | | RLB | RLB-ILBO |
| 546 | LUT -33 -33T005 | LUT-LT330203 | LEVEL TRANS OF 33T005 | 1Y | I | | | | | | | | | | | | RLB | RLB-ILBO |
| 547 | LUT -33 -33T011 | LUT-LT330501 | LEVEL TRANS OF 33T011 | 1Y | I | | | | | | | | | | | | RLB | RLB-ILBO |
| 548 | LUT -34 -LEVEL | LUT-LT340201 | LEVEL TRANS OF COOLING TOWER | 1Y | I | | | | | | | | | | | | RLB | RLB-ILBO |
| 549 | LUT -61 -61D051 | LUT-LT619101 | LEVEL TRANS OF 61D051 | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 550 | LUT -61 -61D052 | LUT-LT619103 | LEVEL TRANS OF 61D052 | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 551 | LUT -61 -61D053 | LUT-LT619105 | LEVEL TRANS OF 61D053 | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 552 | LUT -61 -61D054 | LUT-LT619202 | LEVEL TRANS OF 61D054 | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 553 | LUT -61 -81D015 | LUT-LT810101 | LEVEL TRANS OF 81D015 | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 554 | LUT -61 -81D016 | LUT-LT810102 | LEVEL TRANS OF 81D016 | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 555 | LUT -61 -81D017 | LUT-LT810503 | LEVEL TRANS OF 81D017 | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 556 | LUT -COR-PA | LUT-PA | PUBLIC ANNOUNCEMENT AREA COR LUT | 1Y | | | | | | | | | | P | | | CES | CES-INST |
| 557 | LUT -33 -33T005 | LUT-PCV330215 | PRESSURE C/V N2 INLET OF 33T005 | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 558 | LUT -33 -33T005 | LUT-PCV330216 | PRESSURE C/V N2 OF 33T005 | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 559 | LUT -35 -CV | LUT-PCV350101 | PRESSURE C/V OF SSH HEADER | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 560 | LUT -35 -CV | LUT-PCV350103 | PRESSURE C/V OF SSH TO FLARE | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 561 | LUT -35 -CV | LUT-PCV350105 | PRESSURE C/V OF SSH TO EBSM | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 562 | LUT -61 -CV | LUT-PCV610109 | PRESSURE C/V OF IGNITION PILOT GAS | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 563 | LUT -61 -CV | LUT-PCV619101 | PRESSURE C/V OF STEAM TO ASSIST FLARE | 1Y | | | | | | | | | | F | | | RLB | RLB-ILBO |
| 564 | LUT -61 -CV | LUT-PCV619113 | PRESSURE C/V OF IGNITION PILOT AIR | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 565 | LUT -34 -34F001A | LUT-PDT340401 | PRESSURE DIFE. TRANS OF 34F001A | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 566 | LUT -34 -34F001B | LUT-PDT340402 | PRESSURE DIFE. TRANS OF 34F001B | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 567 | LUT -34 -34F001C | LUT-PDT340403 | PRESSURE DIFE. TRANS OF 34F001C | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 568 | LUT -34 -34F001D | LUT-PDT340404 | PRESSURE DIFE. TRANS OF 34F001D | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 569 | LUT -34 -34F001E | LUT-PDT340405 | PRESSURE DIFE. TRANS OF 34F001E | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 570 | LUT -34 -34F001F | LUT-PDT340406 | PRESSURE DIFE. TRANS OF 34F001F | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 571 | LUT -61 -61F051A | LUT-PDT619107 | PRESSURE DIFE. TRANS OF 61F051A | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 572 | LUT -61 -61F051B | LUT-PDT619108 | PRESSURE DIFE. TRANS OF 61F051B | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 573 | LUT -33 -33P005A | LUT-PI330211 | PRESSURE IND. OF 33P005A | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 574 | LUT -33 -33P005B | LUT-PI330212 | PRESSURE IND. OF 33P005B | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 575 | LUT -33 -33E001 | LUT-PI330505 | PRESSURE IND. OF 33E001 | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 576 | LUT -33 -33E002 | LUT-PI330506 | PRESSURE IND. OF INLET 33E002 | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 577 | LUT -33 -33E002 | LUT-PI330506 | PRESSURE IND. OF INLET 33E002 | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 578 | LUT -33 -33E003 | LUT-PI330507 | PRESSURE IND. OF OUTLET 33E002 | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |

PREVENTIVE MAINTENANCE YEARLY SCHEDULE
PLANT: LUT YEAR: 2022

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Legend Text : B = Program Back-up C = Calibrate F = Function Test H = Overhaul I = Inspect L = Lubricate M = Strategy Plan P = Preventive Q = Check oil quality
S = Service T = Stand by condition check U = Running condition check V = Verify

| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|------------------|---------------|--|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 579 | LUT -34 -34K001A | LUT-PSL340201 | PRESSURE S/W OF 34K001A | 1Y | | I | | | | | | | | | | | RLB | RLB-ILBO |
| 580 | LUT -34 -34K001B | LUT-PSL340202 | PRESSURE S/W OF 34K001B | 1Y | | I | | | | | | | | | | | RLB | RLB-ILBO |
| 581 | LUT -34 -34K001C | LUT-PSL340203 | PRESSURE S/W OF 34K001C | 1Y | | I | | | | | | | | | | | RLB | RLB-ILBO |
| 582 | LUT -34 -34K001D | LUT-PSL340204 | PRESSURE S/W OF 34K001D | 1Y | | I | | | | | | | | | | | RLB | RLB-ILBO |
| 583 | LUT -34 -34K001E | LUT-PSL340205 | PRESSURE S/W OF 34K001E | 1Y | | I | | | | | | | | | | | RLB | RLB-ILBO |
| 584 | LUT -34 -34K001F | LUT-PSL340206 | PRESSURE S/W OF 34K001F | 1Y | | I | | | | | | | | | | | RLB | RLB-ILBO |
| 585 | LUT -33 -33F001A | LUT-PSV330101 | PRESSURE RELIEF DEVICE FOR 33F001A | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 586 | LUT -33 -PRD | LUT-PSV330102 | SV OF 33F001B | 10Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 587 | LUT -33 -33P007A | LUT-PSV330304 | PRESSURE RELIEF DEVICE FOR 33P007A | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 588 | LUT -33 -33F004 | LUT-PSV330503 | PRESSURE RELIEF DEVICE FOR 33F004 | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 589 | LUT -33 -PRD | LUT-PSV330504 | Pressure relief device | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 590 | LUT -35 -PRD | LUT-PSV350101 | "SV OF 8"-SH-350101-A1" | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 591 | LUT -35 -PRD | LUT-PSV350102 | SV OF 12-SM-3501001-A23 100W | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 592 | LUT -36 -36D002A | LUT-PSV360102 | SV OF 36D002-A | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 593 | LUT -36 -PRD | LUT-PSV360103 | SV OF 4-WR-3601002-A1 | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 594 | LUT -36 -PRD | LUT-PSV360104 | SV OF 4-WR-3601002-A1 | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 595 | LUT -61 -PRD | LUT-PSV619201 | Pressure relief device | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 596 | LUT -35 -PRD | LUT-PSVDAGTB | PRESSURE RELIEF DEVICE FOR PIPING | 5Y | | | I | | | | | | | | | | RLB | RLB-MWOR |
| 597 | LUT -35 -PRESS | LUT-PT350101 | PRESSURE TRANS OF SSH HEADER | 1Y | | I | | | | | | | | | | | RLB | RLB-ILBO |
| 598 | LUT -35 -PRESS | LUT-PT350103 | PRESSURE TRANS OF SSH TO FLARE | 1Y | | I | | | | | | | | | | | RLB | RLB-ILBO |
| 599 | LUT -35 -PRESS | LUT-PT350105 | PRESSURE TRANS OF SSH TO EB/SM | 1Y | | I | | | | | | | | | | | RLB | RLB-ILBO |
| 600 | LUT -36 -36D001A | LUT-PT360105 | PRESSURE TRANS OF AIP HEADER 36D001A/B | 1Y | | | | I | | | | | | | | | RLB | RLB-ILBO |
| 601 | LUT -36 -36D002A | LUT-PT360106 | PRESSURE TRANS OF AII HEADER 36D002A/B | 1Y | | | | I | | | | | | | | | RLB | RLB-ILBO |
| 602 | LUT -61 -61D051 | LUT-PT619101 | PRESSURE TRANS OF 61D051 | 1Y | | | | | | | | | | I | | | RLB | RLB-ILBO |
| 603 | LUT -61 -61D053 | LUT-PT619105 | PRESSURE TRANS OF 61D053 | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 604 | LUT -61 -PRESS | LUT-PT619109 | PRESSURE TRANS OF IGNITION PILOT GAS | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 605 | LUT -61 -PRESS | LUT-PT619113 | PRESSURE TRANS OF IGNITION PILOT AIR | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 606 | LUT -36 -VALVE | LUT-PV360105 | Pressure Control valve | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 607 | LUT -36 -36D002A | LUT-PV360106 | PRESSURE C/V OF AII SUPPLY HEAD36D002A/B | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 608 | LUT -35 -CV | LUT-TCV350101 | TEMP C/V OF SSH HEADER | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 609 | LUT -33 -33E002 | LUT-TI330502 | TEMP. IND. OF 33E002 | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 610 | LUT -61 -TEMP | LUT-TS619103 | TEMP. S/W OF MAIN FLARE @ 50 DEG.C | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 611 | LUT -61 -TEMP | LUT-TS619104 | TEMP. S/W OF MAIN FLARE@50 DEG.C | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 612 | LUT -61 -TEMP | LUT-TS619105 | TEMP. S/W OF MAIN FLARE@50 DEG.C | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |

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|------|---------------------|--------------------|------------------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 613 | LUT -61 -TEMP | LUT-TS619106 | TEMP. S/W OF H2O FLARE#50 DEG.C | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 614 | LUT -61 -TEMP | LUT-TS619107 | TEMP. S/W OF H2O FLARE#50 DEG.C | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 615 | LUT -61 -TEMP | LUT-TS619108 | TEMP. S/W OF ASSIST FLARE#50 DEG.C | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 616 | LUT -61 -TEMP | LUT-TS619109 | TEMP. S/W OF ASSIST FLARE#50 DEG.C | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 617 | LUT -61 -TEMP | LUT-TS619110 | TEMP. S/W OF ASSIST FLARE#50 DEG.C | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 618 | LUT -33 -33E005 | LUT-TT330301 | TEMP.TRANS OF 33E005 | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 619 | LUT -33 -33E006 | LUT-TT330302 | TEMP.TRANS OF 33E006 | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 620 | LUT -33 -33E003 | LUT-TT330504 | TEMP.TRANS OF 33E003 | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 621 | LUT -33 -33E004 | LUT-TT330505 | TEMP.TRANS OF 33E004 | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 622 | LUT -35 -TEMP | LUT-TT350101 | TEMP TRANS OF SSH HEADER | 1Y | | I | | | | | | | | | | | RLB | RLB-ILBO |
| 623 | LUT -61 -61D053 | LUT-TT619101 | TEMP.TRANS OF 61D053#50 DEG.C | 1Y | | | | | | | | | | I | | | RLB | RLB-ILBO |
| 624 | LUT -33 -33E002 | LUT-TV330501 | ON-OFF V/V OF WS 33E002 | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 625 | LUT -38A-UND_GROUND | LUT-UND-GROUND-CAB | 22KV/6.3 KV UNDERGROUND CABLE | 1M | I | I | I | I | I | I | I | I | I | I | I | I | RLB | RLB-ELBO |
| 626 | LUT -38A-UND_GROUND | LUT-UND-GROUND-CAB | 22KV/6.3 KV UNDERGROUND CABLE | 3M | I | I | I | I | | I | I | | | I | | | RLB | RLB-ELBO |
| 627 | LUT -33 -33F001A | LUT-XV330101 | ON-OFF V/V OF 33F001A | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 628 | LUT -33 -33F001A | LUT-XV330102 | ON-OFF V/V OF 33F001A | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 629 | LUT -33 -33F001A | LUT-XV330103 | ON-OFF V/V OF 33F001A | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 630 | LUT -33 -33F001A | LUT-XV330104 | ON-OFF V/V OF 33F001A | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 631 | LUT -33 -33F001A | LUT-XV330105 | ON-OFF V/V OF 33F001A | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 632 | LUT -33 -33C001A | LUT-XV330106 | ON-OFF V/V OF 33C001A | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 633 | LUT -33 -33C001A | LUT-XV330107 | ON-OFF V/V OF 33C001A | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 634 | LUT -33 -33C001A | LUT-XV330108 | ON-OFF V/V OF 33C001A | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 635 | LUT -33 -33C001A | LUT-XV330109 | ON-OFF V/V OF 33C001A | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 636 | LUT -33 -33C001A | LUT-XV330110 | ON-OFF V/V OF 33C001A | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 637 | LUT -33 -33C001A | LUT-XV330111 | ON-OFF V/V OF 33C001A | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 638 | LUT -33 -33C001A | LUT-XV330112 | ON-OFF V/V OF 33C001A | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 639 | LUT -33 -33F001B | LUT-XV330113 | ON-OFF V/V OF 33F001B | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 640 | LUT -33 -33F001B | LUT-XV330114 | ON-OFF V/V OF 33F001B | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 641 | LUT -33 -33F001B | LUT-XV330115 | ON-OFF V/V OF 33F001B | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 642 | LUT -33 -33F001B | LUT-XV330116 | | | | | | | | | | | | | | | | |

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|--------------------|---------------|------------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 647 | LUT -33 -33C001B | LUT -XV330121 | ON-OFF V/V OF 33C001B | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 648 | LUT -33 -33C001B | LUT -XV330122 | ON-OFF V/V OF 33C001B | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 649 | LUT -33 -33C001B | LUT -XV330123 | ON-OFF V/V OF 33C001B | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 650 | LUT -33 -33C001B | LUT -XV330124 | ON-OFF V/V OF 33C001B | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 651 | LUT -33 -33C002A | LUT -XV330201 | ON-OFF V/V OF 33C002A | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 652 | LUT -33 -33C002A | LUT -XV330202 | ON-OFF V/V OF 33C002A | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 653 | LUT -33 -33C002A | LUT -XV330203 | ON-OFF V/V OF 33C002A | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 654 | LUT -33 -33C002A | LUT -XV330204 | ON-OFF V/V OF 33C002A | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 655 | LUT -33 -33C002A | LUT -XV330205 | ON-OFF V/V OF 33C002A | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 656 | LUT -33 -33C002A | LUT -XV330206 | ON-OFF V/V OF 33C002A | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 657 | LUT -33 -33C003A | LUT -XV330207 | ON-OFF V/V OF 33C003A | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 658 | LUT -33 -33C003A | LUT -XV330208 | ON-OFF V/V OF 33C003A | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 659 | LUT -33 -33C003A | LUT -XV330209 | ON-OFF V/V OF 33C003A | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 660 | LUT -33 -33C003A | LUT -XV330210 | ON-OFF V/V OF 33C003A | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 661 | LUT -33 -33C003A | LUT -XV330211 | ON-OFF V/V OF 33C003A | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 662 | LUT -33 -33C003A | LUT -XV330212 | ON-OFF V/V OF 33C003A | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 663 | LUT -33 -33C003A | LUT -XV330213 | ON-OFF V/V OF 33C003A | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 664 | LUT -33 -33C003A | LUT -XV330214 | ON-OFF V/V OF 33C003A | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 665 | LUT -33 -33C003A | LUT -XV330215 | ON-OFF V/V OF 33C003A | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 666 | LUT -33 -33C003A | LUT -XV330216 | ON-OFF V/V OF 33C003A | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 667 | LUT -33 -33C003A | LUT -XV330217 | ON-OFF V/V OF 33C003A | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 668 | LUT -33 -33T005 | LUT -XV330218 | ON-OFF V/V OF 33T005 | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 669 | LUT -33 -33T002A | LUT -XV330219 | ON-OFF V/V OF WDS TO 33T002A | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 670 | LUT -33 -33C002B | LUT -XV330220 | ON-OFF V/V OF 33C002B | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 671 | LUT -33 -33C002B | LUT -XV330221 | ON-OFF V/V OF 33C002B | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 672 | LUT -33 -33C002B | LUT -XV330222 | ON-OFF V/V OF 33C002B | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 673 | LUT -33 -33C002B | LUT -XV330223 | ON-OFF V/V OF 33C002B | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 674 | LUT -33 -33C002B | LUT -XV330224 | ON-OFF V/V OF 33C002B | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 675 | LUT -33 -33C002B | LUT -XV330225 | ON-OFF V/V OF 33C002B | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 676 | LUT -33 -33C003B</ | | | | | | | | | | | | | | | | | |

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|------------------|---------------|-----------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 715 | LUT -33 -33J004A | LUT -XV330515 | ON-OFF V/V OF SHO 33J004A | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 716 | LUT -33 -33J004A | LUT -XV330516 | ON-OFF V/V OF WDS 33J004A | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 717 | LUT -33 -33J004B | LUT -XV330517 | ON-OFF V/V OF SHO 33J004B | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 718 | LUT -33 -33J004B | LUT -XV330518 | ON-OFF V/V OF WDS 33J004B | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 719 | LUT -33 -33F004 | LUT -XV330519 | ON-OFF V/V OF 33F004 | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 720 | LUT -33 -33F004 | LUT -XV330520 | ON-OFF V/V OF 33F004 | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 721 | LUT -33 -33F004 | LUT -XV330521 | ON-OFF V/V OF 33F004 | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 722 | LUT -33 -33F004 | LUT -XV330522 | ON-OFF V/V OF 33F004 | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 723 | LUT -33 -33F004 | LUT -XV330523 | ON-OFF V/V OF 33F004 | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 724 | LUT -33 -33F005 | LUT -XV330524 | ON-OFF V/V OF 33F005 | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 725 | LUT -33 -33F005 | LUT -XV330525 | ON-OFF V/V OF 33F005 | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 726 | LUT -33 -33F005 | LUT -XV330526 | ON-OFF V/V OF 33F005 | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 727 | LUT -33 -33F005 | LUT -XV330527 | ON-OFF V/V OF 33F005 | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 728 | LUT -33 -33F005 | LUT -XV330528 | ON-OFF V/V OF 33F005 | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 729 | LUT -33 -33T011 | LUT -XV330529 | ON-OFF V/V OF CPL FROM EBSM | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 730 | LUT -33 -33C005 | LUT -XV330601 | ON-OFF V/V OF 33C005 | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 731 | LUT -33 -33C005 | LUT -XV330602 | ON-OFF V/V OF 33C005 | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 732 | LUT -33 -33C005 | LUT -XV330603 | ON-OFF V/V OF 33C005 | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 733 | LUT -33 -33C005 | LUT -XV330604 | ON-OFF V/V OF 33C005 | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 734 | LUT -33 -33C005 | LUT -XV330605 | ON-OFF V/V OF 33C005 | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 735 | LUT -33 -33C005 | LUT -XV330606 | ON-OFF V/V OF 33C005 | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 736 | LUT -33 -33C005 | LUT -XV330607 | ON-OFF V/V OF 33C005 | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 737 | LUT -33 -33C006 | LUT -XV330608 | ON-OFF V/V OF 33C006 | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 738 | LUT -33 -33C006 | LUT -XV330609 | ON-OFF V/V OF 33C006 | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 739 | LUT -33 -33C006 | LUT -XV330610 | ON-OFF V/V OF 33C006 | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 740 | LUT -33 -33C006 | LUT -XV330611 | ON-OFF V/V OF 33C006 | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 741 | LUT -33 -33C006 | LUT -XV330612 | ON-OFF V/V OF 33C006 | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 742 | LUT -33 -33C006 | LUT -XV330613 | ON-OFF V/V OF 33C006 | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 743 | LUT -33 -33C007A | LUT -XV330614 | ON-OFF V/V OF 33C007A | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 744 | LUT -33 -33C007A | LUT -XV330615 | ON-OFF V/V OF 33C007A | 1Y | </ | | | | | | | | | | | | | |

PREVENTIVE MAINTENANCE YEARLY SCHEDULE
PLANT: LUT YEAR: 2022

Form No.
Effective Date 29.12.2021
Revision 0

Legend Text : B = Program Back-up C = Calibrate F = Function Test H = Overhaul I = Inspect L = Lubricate M = Strategy Plan P = Preventive Q = Check oil quality
S = Service T = Stand by condition check U = Running condition check V = Verify

| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|------------------|---------------|------------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 749 | LUT -33 -33C007A | LUT-XV330620 | ON-OFF V/V OF 33C007A | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 750 | LUT -33 -33C007A | LUT-XV330621 | ON-OFF V/V OF 33C007A | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 751 | LUT -33 -33C007A | LUT-XV330622 | ON-OFF V/V OF 33C007A | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 752 | LUT -33 -33C007A | LUT-XV330623 | ON-OFF V/V OF 33C007A | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 753 | LUT -33 -33C007A | LUT-XV330624 | ON-OFF V/V OF 33C007A | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 754 | LUT -33 -33C007B | LUT-XV330625 | ON-OFF V/V OF 33C007B | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 755 | LUT -33 -33C007B | LUT-XV330626 | ON-OFF V/V OF 33C007B | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 756 | LUT -33 -33C007B | LUT-XV330627 | ON-OFF V/V OF 33C007B | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 757 | LUT -33 -33C007B | LUT-XV330628 | ON-OFF V/V OF 33C007B | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 758 | LUT -33 -33C007B | LUT-XV330629 | ON-OFF V/V OF 33C007B | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 759 | LUT -33 -33C007B | LUT-XV330630 | ON-OFF V/V OF 33C007B | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 760 | LUT -33 -33C007B | LUT-XV330631 | ON-OFF V/V OF 33C007B | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 761 | LUT -33 -33C007B | LUT-XV330632 | ON-OFF V/V OF 33C007B | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 762 | LUT -33 -33C007B | LUT-XV330633 | ON-OFF V/V OF 33C007B | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 763 | LUT -33 -33C007B | LUT-XV330634 | ON-OFF V/V OF 33C007B | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 764 | LUT -33 -33C007B | LUT-XV330635 | ON-OFF V/V OF 33C007B | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 765 | LUT -33 -33C005 | LUT-XV330637 | ON-OFF V/V OF WP TO 33T015 | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 766 | LUT -33 -33C007B | LUT-XV330638 | ON-OFF V/V LINE VENT 33T007C | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 767 | LUT -33 -33C007C | LUT-XV330639 | ON-OFF V/V OF 33C007C | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 768 | LUT -33 -33C007C | LUT-XV330640 | ON-OFF V/V OF 33C007C | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 769 | LUT -33 -33C007C | LUT-XV330641 | ON-OFF V/V OF 33C007C | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 770 | LUT -33 -33C007C | LUT-XV330642 | ON-OFF V/V OF 33C007C | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 771 | LUT -33 -33C007C | LUT-XV330643 | ON-OFF V/V OF 33C007C | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 772 | LUT -33 -33C007C | LUT-XV330644 | ON-OFF V/V OF 33C007C | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 773 | LUT -33 -33C007C | LUT-XV330645 | ON-OFF V/V OF 33C007C | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 774 | LUT -33 -33C007C | LUT-XV330646 | ON-OFF V/V OF 33C007C | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 775 | LUT -33 -33C007C | LUT-XV330647 | ON-OFF V/V OF 33C007C | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 776 | LUT -33 -33C007C | LUT-XV330648 | ON-OFF V/V OF 33C007C | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |

PREVENTIVE MAINTENANCE YEARLY SCHEDULE
PLANT: LUBE YEAR: 2022

PRINT DATE 07.03.2022
REVISION 0

(MA1 or MA2) _____
(CLIENT) _____
CHECKED : SECTION MGR. (AREA SERVICE)
CHECKED : SECTION MGR.

(MA1 or MA2) _____
APPROVED : DIVISION MGR. (AREA SERVICE)

(MAM) _____
(CLIENT) _____
CHECKED : SECTION MGR.
APPROVED : DIVISION MGR.

(MAM) _____
APPROVED : DIVISION MGR.

(MAE) _____
CHECKED : SECTION MGR.

(MAE) _____
APPROVED : DIVISION MGR.

(MAI) _____
CHECKED : SECTION MGR.

(MAI) _____
APPROVED : DIVISION MGR.

(MAS) _____
(MAP) _____
CHECKED : SECTION MGR.
ISSUED : PLANNING

(MAS) _____
APPROVED : DIVISION MGR.

DATE _____

(MAG) _____
APPROVED : DIVISION MGR.

PREVENTIVE MAINTENANCE YEARLY SCHEDULE
PLANT: LUBE YEAR: 2022

Form No.
Effective Date 29.12.2021
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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center | |
|------|------------------------|-----------------|---------------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|---------|
| 1 | TFL | | | 1M | I | I | I | I | I | I | I | I | I | I | I | I | IRI | IRI - INVB | |
| 2 | TFL | | | 1Y | | | | | | | | | | | I | | RLB | RLB-ELBO | |
| 3 | TFL -61 | | | 1M | L | L | L | L | L | L | L | L | L | L | L | L | RLB | RLB-ELBO | |
| 4 | TFL -E2C | | | 12M | | | | | | | | I | | | | | COH | COH-SWRL | |
| 5 | TFL -E2D | | | 12M | | | | | | | | I | | | | | COH | COH-SWRL | |
| 6 | TFL -61 -ANALYZER - | -GD6101 | | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 | |
| 7 | TFL -61 -LUBE_T/L | | | 6M | I | | | | | | I | | | | | | RLB | RLB-ELBO | |
| 8 | TFL -E2C-MCC | | | 1Y | | | | | | T | | | | | | | RLB | RLB-ELBO | |
| 9 | TFL -E2C-MCC | | | 1Y | | | | | | | | T | | | | | RLB | RLB-ELBO | |
| 10 | TFL -E2C-MCC | | | 1Y | | | | | | | | | | T | | | RLB | RLB-ELBO | |
| 11 | TFL -E2D-MCC | | | 1Y | | | | | | T | | | | | | | RLB | RLB-ELBO | |
| 12 | TFL -E2D-MCC | | | 1Y | | | | | | | | T | | | | | RLB | RLB-ELBO | |
| 13 | TFL -E2D-MCC | | | 1Y | | | | | | | | | | T | | | RLB | RLB-ELBO | |
| 14 | TFL -61 -QMI_GD | | | 4M | | | | I | | | | I | | | | I | CAN | CAN-Q25 | |
| 15 | TFL -ASP | | | 6M | I | | | | | | I | | | | | | RLB | RLB-ELBO | |
| 16 | TFL -61 -PIPING | 10-BTU-6125107 | 10-BTU-6125107-A15-100D | 5Y | | | | | | | | | | I | | | IRI | IRI - INTP | |
| 17 | TFL -61 -PIPING | 10-EXTR-6124051 | 10-EXTR-6124051-A15-30D | 5Y | | | | | | | | | | I | | | IRI | IRI - INTP | |
| 18 | TFL -61 -61TN062A -N01 | 10012787 | MIXER;PLENTY;18P-TM5 | 6M | | | | | I | | | | | | I | | 21M | 21M-TFL | |
| 19 | TFL -61 -61TN062A -N01 | 10012787 | MIXER;PLENTY;18P-TM5 | 2M | L | | L | | L | | L | | L | | L | | 21M | 21M-TFL | |
| 20 | TFL -61 -61TN062A -N01 | 10012787 | MIXER;PLENTY;18P-TM5 | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI - INVB | |
| 21 | TFL -61 -61TN062B -N01 | 10012788 | MIXER;PLENTY;18P-TM5 | 6M | | | | | I | | | | | | | | I | 21M | 21M-TFL |
| 22 | TFL -61 -61TN062B -N01 | 10012788 | MIXER;PLENTY;18P-TM5 | 2M | L | | L | | L | | L | | L | | L | | 21M | 21M-TFL | |
| 23 | TFL -61 -61TN062B -N01 | 10012788 | MIXER;PLENTY;18P-TM5 | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI - INVB | |
| 24 | TFL -61 -61TN063A -N01 | 10012789 | MIXER & AGITATOR;PLENTY;16P-TM4 | 6M | | | | | I | | | | | | I | | 21M | 21M-TFL | |
| 25 | TFL -61 -61TN063A -N01 | 10012789 | MIXER & AGITATOR;PLENTY;16P-TM4 | 2M | L | | L | | L | | L | | L | | L | | 21M | 21M-TFL | |
| 26 | TFL -61 -61TN063A -N01 | 10012789 | MIXER & AGITATOR;PLENTY;16P-TM4 | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI - INVB | |
| 27 | TFL -61 -61TN063B -N01 | 10012790 | MIXER & AGITATOR;PLENTY;16P-TM4 | 6M | | | | | I | | | | | | I | | 21M | 21M-TFL | |
| 28 | TFL -61 -61TN063B -N01 | 10012790 | MIXER & AGITATOR;PLENTY;16P-TM4 | 2M | L | | L | | L | | L | | L | | L | | 21M | 21M-TFL | |
| 29 | TFL -61 -61TN063B -N01 | 10012790 | MIXER & AGITATOR;PLENTY;16P-TM4 | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI - INVB | |
| 30 | TFL -61 -61TN064A -N01 | 10012791 | MIXER & AGITATOR;PLENTY;16P-TM4 | 6M | | | | | I | | | | | | I | | 21M | 21M-TFL | |
| 31 | TFL -61 -61TN064A -N01 | 10012791 | MIXER & AGITATOR;PLENTY;16P-TM4 | 2M | L | | L | | L | | L | | L | | L | | 21M | 21M-TFL | |
| 32 | TFL -61 -61TN064A -N01 | 10012791 | MIXER & AGITATOR;PLENTY;16P-TM4 | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI - INVB | |
| 33 | TFL -61 -61TN064B -N01 | 10012792 | MIXER & AGITATOR;PLENTY;16P-TM4 | 6M | | | | | I | | | | | | I | | 21M | 21M-TFL | |
| 34 | TFL -61 -61TN064B -N01 | 10012792 | MIXER & AGITATOR;PLENTY;16P-TM4 | 2M | L | | L | | L | | L | | L | | L | | 21M | 21M-TFL | |

PREVENTIVE MAINTENANCE YEARLY SCHEDULE
PLANT: LUBE YEAR: 2022

Form No.
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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|-------------------|---------------------|----------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 103 | TFL -61 -PIPING | 8-BTU-6125104 | 8-BTU-6125104-A15-100D | 5Y | | | | | | | | | | I | | | IRI | IRI -INTP |
| 104 | TFL -61 -PIPING | 8-BTU-6125105 | 8-BTU-6125105-A15-100D | 5Y | | | | | | | | | | I | | | IRI | IRI -INTP |
| 105 | TFL -61 -PIPING | 8-BTU-6143082 | 8-BTU-6143082-A15-100D | 5Y | | | | | | | | | | I | | | IRI | IRI -INTP |
| 106 | TFL -61 -PIPING | 8-BTU-6143083 | 8-BTU-6143083-A15-100D | 5Y | | | | | | | | | | I | | | IRI | IRI -INTP |
| 107 | TFL -61 -PIPING | 8-EXTR-6114054 | 8-EXTR-6114054-A24-30D | 5Y | | | | | | | | | | I | | | IRI | IRI -INTP |
| 108 | TFL -61 -PIPING | 8-EXTR-6114055 | 8-EXTR-6114055-A24-30D | 5Y | | | | | | | | | | I | | | IRI | IRI -INTP |
| 109 | TFL -61 -PIPING | 8-EXTR-6114060 | 8-EXTR-6114060-A15-30D | 5Y | | | | | | | | | | I | | | IRI | IRI -INTP |
| 110 | TFL -61 -PIPING | 8-EXTR-6115051 | 8-EXTR-6115051-A15-30D | 5Y | | | | | | | | | | I | | | IRI | IRI -INTP |
| 111 | TFL -61 -PIPING | 8-EXTR-6115052 | 8-EXTR-6115052-A24-30D | 5Y | | | | | | | | | | I | | | IRI | IRI -INTP |
| 112 | TFL -61 -PIPING | 8-EXTR-6124052 | 8-EXTR-6124052-A15-30D | 5Y | | | | | | | | | | I | | | IRI | IRI -INTP |
| 113 | TFL -61 -PIPING | 8-EXTR-6127051 | 8-EXTR-6127051-A24-30D | 5Y | | | | | | | | | | I | | | IRI | IRI -INTP |
| 114 | TFL -61 -PIPING | 8-EXTR-6127058 | 8-EXTR-6127058-A24-30D | 5Y | | | | | | | | | | I | | | IRI | IRI -INTP |
| 115 | TFL -61 -PIPING | 8-EXTR-6127061 | 8-EXTR-6127061-A24-30D | 5Y | | | | | | | | | | I | | | IRI | IRI -INTP |
| 116 | TFL -61 -PIPING | 8-EXTR-6127062 | 8-EXTR-6127062-A24-30D | 5Y | | | | | | | | | | I | | | IRI | IRI -INTP |
| 117 | TFL -61 -PIPING | 8-LUBE-6133051 | 8-LUBE-6133051-A22-30D | 5Y | | | | | | | | | | I | | | IRI | IRI -INTP |
| 118 | TFL -61 -PIPING | 8-MX-5177002 | 8-MX-5177002-A24-100D | 5Y | | | | | | | | | | I | | | IRI | IRI -INTP |
| 119 | TFL -61 -PIPING | 8-RAFF-6112002 | 8-RAFF-6112002-A15-30D | 5Y | | | | | | | | | | I | | | IRI | IRI -INTP |
| 120 | TFL -61 -PIPING | 8-RAFF-6112003 | 8-RAFF-6112003-A15-30D | 5Y | | | | | | | | | | I | | | IRI | IRI -INTP |
| 121 | TFL -61 -PIPING | 8-RAFF-6112004 | 8-RAFF-6112004-A15-30D | 5Y | | | | | | | | | | I | | | IRI | IRI -INTP |
| 122 | TFL -61 -PIPING | 8-RAFF-6116022 | 8-RAFF-6116022-A15-30D | 5Y | | | | | | | | | | I | | | IRI | IRI -INTP |
| 123 | TFL -61 -PIPING | 8-VR-6112004 | 8-VR-6112004-A15-50D | 5Y | | | | | | | | | | I | | | IRI | IRI -INTP |
| 124 | TFL -61 -PIPING | 8-VR-6112100 | 8-VR-6112100-A15-50D | 5Y | | | | | | | | | | I | | | IRI | IRI -INTP |
| 125 | TFL -E2D-65DC101 | E38D-65DC101-1-BC | CHARGER E38D-65DC101-1-BC | 1Y | | | | | | | P | | | | | | COH | COH-UPS |
| 126 | TFL -E2D-65DC101 | E38D-65DC101-1-BC | CHARGER E38D-65DC101-1-BC | 6M | | | | I | | | | | | I | | | COH | COH-UPS |
| 127 | TFL -E2D-65DC101 | E38D-65DC101-2-BC | CHARGER E38D-65DC101-2-BC | 1Y | | | | | | | P | | | | | | COH | COH-UPS |
| 128 | TFL -E2D-65DC101 | E38D-65DC101-2-BC | CHARGER E38D-65DC101-2-BC | 6M | | | | I | | | | | | I | | | COH | COH-UPS |
| 129 | TFL -E2D-65DC101 | E38D-65DC101-BATT1 | BATTERY FOR 65DC101-BATT1 | 1Y | P | | | | | | | | | | | | COH | COH-UPS |
| 130 | TFL -E2D-65DC101 | E38D-65DC101-BATT2 | BATTERY FOR 65DC101-BATT2 | 1Y | P | | | | | | | | | | | | COH | COH-UPS |
| 131 | TFL -E2D-65UPS101 | E38D-65UPS101-1 | UPS E38D-65UPS101-1 | 1Y | | | | | | | P | | | | | | COH | COH-UPS |
| 132 | TFL -E2D-65UPS101 | E38D-65UPS101-1 | UPS E38D-65UPS101-1 | 6M | | | | I | | | | | | I | | | COH | COH-UPS |
| 133 | TFL -E2D-65UPS101 | E38D-65UPS101-2 | UPS 38D-65UPS101-2 | 1Y | | | | | | | P | | | | | | COH | COH-UPS |
| 134 | TFL -E2D-65UPS101 | E38D-65UPS101-2 | UPS 38D-65UPS101-2 | 6M | | | | I | | | | | | I | | | COH | COH-UPS |
| 135 | TFL -E2D-65UPS101 | E38D-65UPS101-BATT1 | BATTERY FOR 65UPS101-BATT1 | 1Y | P | | | | | | | | | | | | COH | COH-UPS |
| 136 | TFL -E2D-65UPS101 | E38D-65UPS101-BATT2 | BATTERY FOR 65UPS101-BATT2 | 1Y | P | | | | | | | | | | | | COH | COH-UPS |

PREVENTIVE MAINTENANCE YEARLY SCHEDULE
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|------|-------------------|-----------------|--|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 137 | TFL -61 -61E001 | TFL-61E001-E01 | LPG VAPORIZER | 5Y | | I | | | | | | | | | | | IRI | IRI -INTP |
| 138 | TFL -61 -61E054 | TFL-61E054-E01 | LPG VAPORIZER | 5Y | | I | | | | | | | | | | | IRI | IRI -INTP |
| 139 | TFL -61 -61E101 | TFL-61E101-E01 | LPG VAPORIZER | 5Y | | I | | | | | | | | | | | IRI | IRI -INTP |
| 140 | TFL -61 -61E102 | TFL-61E102-E01 | LPG SUPER-HEATER | 5Y | | I | | | | | | | | | | | IRI | IRI -INTP |
| 141 | TFL -61 -61E103 | TFL-61E103-E01 | FUEL OIL HEATER | 5Y | | I | | | | | | | | | | | IRI | IRI -INTP |
| 142 | TFL -61 -61H001A | TFL-61H001A-H01 | 60 N LOADING ARM | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 143 | TFL -61 -61H001B | TFL-61H001B-H01 | 60 N LOADING ARM | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 144 | TFL -61 -61H002A | TFL-61H002A-H01 | 100 N LOADING ARM | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 145 | TFL -61 -61H002B | TFL-61H002B-H01 | 100 N LOADING ARM | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 146 | TFL -61 -61H003A | TFL-61H003A-H01 | 150 N LOADING ARM | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 147 | TFL -61 -61H003B | TFL-61H003B-H01 | 150 N LOADING ARM | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 148 | TFL -61 -61H004A | TFL-61H004A-H01 | 300 N LOADING ARM | 1Y | | | | | | | | L | | | | | RLB | RLB-MLBO |
| 149 | TFL -61 -61H004B | TFL-61H004B-H01 | 300 N LOADING ARM | 1Y | | | | | | | | L | | | | | RLB | RLB-MLBO |
| 150 | TFL -61 -61H005A | TFL-61H005A-H01 | 500 N LOADING ARM | 1Y | | L | | | | | | | | | | | RLB | RLB-MLBO |
| 151 | TFL -61 -61H005B | TFL-61H005B-H01 | 500 N LOADING ARM | 1Y | | L | | | | | | | | | | | RLB | RLB-MLBO |
| 152 | TFL -61 -61H006A | TFL-61H006A-H01 | 150 BS LOADING ARM | 6M | | | I | | | | | | I | | | | RLB | RLB-MLBO |
| 153 | TFL -61 -61H006B | TFL-61H006B-H01 | 150 BS LOADING ARM | 6M | | | I | | | | | | I | | | | RLB | RLB-MLBO |
| 154 | TFL -61 -61H007A | TFL-61H007A-H01 | EXTRACT LOADING ARM | 6M | | | I | | | | | | I | | | | RLB | RLB-MLBO |
| 155 | TFL -61 -61H007B | TFL-61H007B-H01 | EXTRACT LOADING ARM | 6M | | | I | | | | | | I | | | | RLB | RLB-MLBO |
| 156 | TFL -61 -61H008A | TFL-61H008A-H01 | ASPHALT CEMENT 80 / 100 LOADING ARM | 1Y | | | | L | | | | | | | | | RLB | RLB-MLBO |
| 157 | TFL -61 -61H008B | TFL-61H008B-H01 | ASPHALT CEMENT 60 / 70 LOADING ARM | 1Y | | | | L | | | | | | | | | RLB | RLB-MLBO |
| 158 | TFL -61 -61H008C | TFL-61H008C-H01 | ASPHALT CEMENT 80 / 100 LOADING ARM | 1Y | | | | L | | | | | | | | | RLB | RLB-MLBO |
| 159 | TFL -61 -61H008D | TFL-61H008D-H01 | ASPHALT CEMENT 60 / 70 LOADING ARM | 6M | | | | I | | | | | | | | | RLB | RLB-MLBO |
| 160 | TFL -61 -61H008E | TFL-61H008E-H01 | ASPHALT CEMENT 80 / 100 LOADING ARM | 6M | | | | I | | | | | | I | | | RLB | RLB-MLBO |
| 161 | TFL -61 -61H008F | TFL-61H008F-H01 | ASPHALT CEMENT 60 / 70 LOADING ARM | 6M | | | | I | | | | | | I | | | RLB | RLB-MLBO |
| 162 | TFL -61 -61H009A | TFL-61H009A-H01 | WAX LOADING ARM | 6M | | | | | | | | | I | | | | RLB | RLB-MLBO |
| 163 | TFL -61 -61H009B | TFL-61H009B-H01 | WAX LOADING ARM | 6M | | | I | | | | | | I | | | | RLB | RLB-MLBO |
| 164 | TFL -61 -61K001 | TFL-61K001-K01 | EXHAUST BLOWER OF ASPHALT ODOR TREATMENT | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 165 | TFL -61 -61K001 | TFL-61K001-K01 | EXHAUST BLOWER OF ASPHALT ODOR TREATMENT | 3M | | | L | | | | | | L | | | L | RLB | RLB-MLBO |
| 166 | TFL -E2C-61MTR103 | TFL-61MTR103 | 61MTR103 | 1Y | | | | | | | | | | | Q | | COH | COH-TRTL |
| 167 | TFL -E2C-61MTR103 | TFL-61MTR103 | 61MTR103 | 2W | I | I | I | I | I | I | I | I | I | I | I | I | RLB | RLB-ELBO |
| 168 | TFL -61 -61P001A | TFL-61P001A-M01 | MD1 | 1Y | | T | | | | | | | | | | | RLB | RLB-ELBO |
| 169 | TFL -61 -61P001A | TFL-61P001A-M01 | MD1 | 4M | | | L | | | | | | | | | L | RLB | RLB-ELBO |
| 170 | TFL -61 -61P001A | TFL-61P001A-M01 | MD1 | 1Y | | | | | | | I | | | | | | RLB | RLB-ELBO |

PREVENTIVE MAINTENANCE YEARLY SCHEDULE
PLANT: LUBE YEAR: 2022

Form No.
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S = Service T = Stand by condition check U = Running condition check V = Verify

| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|------------------|------------------|---------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 171 | TFL -61 -61P001A | TFL-61P001A-P01 | AR FEED PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 172 | TFL -61 -61P001A | TFL-61P001A-P01 | AR FEED PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 173 | TFL -61 -61P001A | TFL-61P001A-P01 | AR FEED PUMP | 6M | | I | | | | | | I | | | | | RLB | RLB-MLBO |
| 174 | TFL -61 -61P001A | TFL-61P001A-P01 | AR FEED PUMP | 6M | | L | | | | | | L | | | | | RLB | RLB-MLBO |
| 175 | TFL -E2D-MCC | TFL-61P001A-SWGR | SWGR | 2Y | | P | | | | | | | | | | | COH | COH-SWRL |
| 176 | TFL -61 -61P001B | TFL-61P001B-M01 | M01 | 1Y | T | | | | | | | | | | | | RLB | RLB-ELBO |
| 177 | TFL -61 -61P001B | TFL-61P001B-M01 | M01 | 4M | | L | | | | L | | | | L | | | RLB | RLB-ELBO |
| 178 | TFL -61 -61P001B | TFL-61P001B-M01 | M01 | 1Y | | | | | | L | | | | | | | RLB | RLB-ELBO |
| 179 | TFL -61 -61P001B | TFL-61P001B-P01 | AR FEED PUMP | 2M | | I | | I | | I | | I | | | | I | IRI | IRI-INVB |
| 180 | TFL -61 -61P001B | TFL-61P001B-P01 | AR FEED PUMP | 6M | | | I | | | | | I | | | | | RLB | RLB-MLBO |
| 181 | TFL -61 -61P001B | TFL-61P001B-P01 | AR FEED PUMP | 6M | | | L | | | | | L | | | | | RLB | RLB-MLBO |
| 182 | TFL -61 -61P001B | TFL-61P001B-P01 | AR FEED PUMP | 6M | | | I | | | | | I | | | | | RLB | RLB-MLBO |
| 183 | TFL -E2D-MCC | TFL-61P001B-SWGR | SWGR | 2Y | | | P | | | | | | | | | | COH | COH-SWRL |
| 184 | TFL -61 -61P002A | TFL-61P002A-M01 | MOTOR FOR UHV HYVAHL PUMP | 2Y | | P | | | | | | | | | | | COH | COH-SWRL |
| 185 | TFL -61 -61P002A | TFL-61P002A-M01 | MOTOR FOR UHV HYVAHL PUMP | 1Y | | | | | | | I | | | | | | RLB | RLB-ELBO |
| 186 | TFL -61 -61P002A | TFL-61P002A-P01 | DISTILLATE PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 187 | TFL -61 -61P002A | TFL-61P002A-P01 | DISTILLATE PUMP | 6M | | I | | | | | I | | | | | | RLB | RLB-MLBO |
| 188 | TFL -61 -61P002B | TFL-61P002B-P01 | DISTILLATE PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 189 | TFL -61 -61P002B | TFL-61P002B-P01 | DISTILLATE PUMP | 6M | | | I | | | | | I | | | | | RLB | RLB-MLBO |
| 190 | TFL -61 -61P002C | TFL-61P002C-M01 | M01 | 1Y | | | | | | | T | | | | | | RLB | RLB-ELBO |
| 191 | TFL -61 -61P002C | TFL-61P002C-M01 | M01 | 5Y | | | H | | | | | | | | | | RLB | RLB-ELBO |
| 192 | TFL -61 -61P002C | TFL-61P002C-M01 | M01 | 4M | | | L | | | | L | | | | L | | RLB | RLB-ELBO |
| 193 | TFL -61 -61P002C | TFL-61P002C-M01 | M01 | 1Y | | | | | | | I | | | | | | RLB | RLB-ELBO |
| 194 | TFL -61 -61P002C | TFL-61P002C-P01 | DISTILLATE PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 195 | TFL -61 -61P002C | TFL-61P002C-P01 | DISTILLATE PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 196 | TFL -61 -61P002C | TFL-61P002C-P01 | DISTILLATE PUMP | 6M | | I | | | | | I | | | | | | RLB | RLB-MLBO |
| 197 | TFL -61 -61P002C | TFL-61P002C-P01 | DISTILLATE PUMP | 6M | | L | | | | | | L | | | | | RLB | RLB-MLBO |
| 198 | TFL -61 -61P002C | TFL-61P002C-P01 | DISTILLATE PUMP | 6M | | I | | | | | | I | | | | | RLB | RLB-MLBO |
| 199 | TFL -E2D-SWGR | TFL-61P002C-SWGR | SWGR | 2Y | | P | | | | | | | | | | | COH | COH-SWRL |
| 200 | TFL -61 -61P002D | TFL-61P002D-M01 | M01 | 1Y | | | T | | | | | | | | | | RLB | RLB-ELBO |
| 201 | TFL -61 -61P002D | TFL-61P002D-M01 | M01 | 4M | | L | | | | L | | | | L | | | RLB | RLB-ELBO |
| 202 | TFL -61 -61P002D | TFL-61P002D-M01 | M01 | 1Y | | | | | | | | | | | | | RLB | RLB-ELBO |
| 203 | TFL -61 -61P002D | TFL-61P002D-P01 | DISTILLATE PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 204 | TFL -61 -61P002D | TFL-61P002D-P01 | DISTILLATE PUMP | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |

PREVENTIVE MAINTENANCE YEARLY SCHEDULE
PLANT: LUBE YEAR: 2022

Form No.
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S = Service T = Stand by condition check U = Running condition check V = Verify

| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|------------------|------------------|--|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 205 | TFL -61 -61P002D | TFL-61P002D-P01 | DISTILLATE PUMP | 6M | L | | | | | | L | | | | | | RLB | RLB-MLBO |
| 206 | TFL -61 -61P002D | TFL-61P002D-P01 | DISTILLATE PUMP | 6M | | | I | | | | | | I | | | | RLB | RLB-MLBO |
| 207 | TFL -E2D-SWGR | TFL-61P002D-SWGR | SWGR | 2Y | | | P | | | | | | | | | | COH | COH-SWRL |
| 208 | TFL -61 -61P002E | TFL-61P002E-M01 | *M/ MOTOR(6.3kV,300kW) FOR PUMP 61P002E* | 1Y | | | | | | | | T | | | | | RLB | RLB-ELBO |
| 209 | TFL -61 -61P002E | TFL-61P002E-M01 | *M/ MOTOR(6.3kV,300kW) FOR PUMP 61P002E* | 4M | | | L | | | | L | | | | L | | RLB | RLB-ELBO |
| 210 | TFL -61 -61P002E | TFL-61P002E-M01 | *M/ MOTOR(6.3kV,300kW) FOR PUMP 61P002E* | 1Y | | | | | | | | I | | | | | RLB | RLB-ELBO |
| 211 | TFL -61 -61P002E | TFL-61P002E-P01 | 150DIST,500DIST/DAO Pump | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 212 | TFL -61 -61P002E | TFL-61P002E-P01 | 150DIST,500DIST/DAO Pump | 6M | | | | | | | | | | | | I | RLB | RLB-MLBO |
| 213 | TFL -61 -61P002E | TFL-61P002E-P01 | 150DIST,500DIST/DAO Pump | 6M | | | | | | I | | | | | | L | RLB | RLB-MLBO |
| 214 | TFL -61 -61P002F | TFL-61P002F-M01 | *M/ MOTOR(6.3kV,300kW) FOR PUMP 61P002F* | 1Y | | | T | | | | | | | | | | RLB | RLB-ELBO |
| 215 | TFL -61 -61P002F | TFL-61P002F-M01 | *M/ MOTOR(6.3kV,300kW) FOR PUMP 61P002F* | 4M | | | L | | | | L | | | L | | | RLB | RLB-ELBO |
| 216 | TFL -61 -61P002F | TFL-61P002F-M01 | *M/ MOTOR(6.3kV,300kW) FOR PUMP 61P002F* | 1Y | | | | | | | | I | | | | | RLB | RLB-ELBO |
| 217 | TFL -61 -61P002F | TFL-61P002F-P01 | 150DIST,500DIST/DAO Pump | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 218 | TFL -61 -61P002F | TFL-61P002F-P01 | 150DIST,500DIST/DAO Pump | 6M | | | | | | | I | | | | | I | RLB | RLB-MLBO |
| 219 | TFL -61 -61P002F | TFL-61P002F-P01 | 150DIST,500DIST/DAO Pump | 6M | | | | | | | L | | | | | L | RLB | RLB-MLBO |
| 220 | TFL -61 -61P003 | TFL-61P003-M01 | M01 | 1Y | | | | | | I | | | | | | | RLB | RLB-ELBO |
| 221 | TFL -61 -61P003 | TFL-61P003-M01 | M01 | 1Y | | | | | | | | I | | | | | RLB | RLB-ELBO |
| 222 | TFL -61 -61P003 | TFL-61P003-P01 | 150 N DIST. PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 223 | TFL -61 -61P003 | TFL-61P003-P01 | 150 N DIST. PUMP | 6M | | | | | I | | | | | | I | | RLB | RLB-MLBO |
| 224 | TFL -61 -61P004A | TFL-61P004A-M01 | M01 | 1Y | | | | | | I | | | | | | | RLB | RLB-ELBO |
| 225 | TFL -61 -61P004A | TFL-61P004A-M01 | M01 | 1Y | | | | | | | | I | | | | | RLB | RLB-ELBO |
| 226 | TFL -61 -61P004A | TFL-61P004A-P01 | 500 N DIST. PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 227 | TFL -61 -61P004A | TFL-61P004A-P01 | 500 N DIST. PUMP | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 228 | TFL -61 -61P004B | TFL-61P004B-M01 | M01 | 1Y | | | I | | | | | | | | | | RLB | RLB-ELBO |
| 229 | TFL -61 -61P004B | TFL-61P004B-M01 | M01 | 1Y | | | | | | | | I | | | | | RLB | RLB-ELBO |
| 230 | TFL -61 -61P004B | TFL-61P004B-P01 | 500 N DIST. PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 231 | TFL -61 -61P004B | TFL-61P004B-P01 | 500 N DIST. PUMP | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 232 | TFL -61 -61P021A | TFL-61P021A-M01 | M01 | 1Y | | | | | | | | T | | | | | RLB | RLB-ELBO |
| 233 | TFL -61 -61P021A | TFL-61P021A-M01 | M01 | 4M | | | L | | | | L | | | | L | | RLB | RLB-ELBO |
| 234 | TFL -61 -61P021A | TFL-61P021A-M01 | M01 | 1Y | | | | I | | | | | | | | | RLB | RLB-ELBO |
| 235 | TFL -61 -61P021A | TFL-61P021A-P01 | RAFFINATE PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 236 | TFL -61 -61P021A | TFL-61P021A-P01 | RAFFINATE PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 237 | TFL -61 -61P021A | TFL-61P021A-P01 | RAFFINATE PUMP | 6M | | I | | | | | | I | | | | | RLB | RLB-MLBO |
| 238 | TFL -61 -61P021A | TFL-61P021A-P01 | RAFFINATE PUMP | 6M | | L | | | | | | L | | | | | RLB | RLB-MLBO |

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|------------------|------------------|--------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 239 | TFL -61 -61P021A | TFL-61P021A-P01 | RAFFINATE PUMP | 6M | | I | | | | | | I | | | | | RLB | RLB-MLBO |
| 240 | TFL -E2D-MCC | TFL-61P021A-SMGR | SMGR | 2Y | | P | | | | | | | | | | | COH | COH-SMRL |
| 241 | TFL -61 -61P021B | TFL-61P021B-M01 | M01 | 1Y | | | T | | | | | | | | | | RLB | RLB-ELBO |
| 242 | TFL -61 -61P021B | TFL-61P021B-M01 | M01 | 4M | | L | | | | L | | | | L | | | RLB | RLB-ELBO |
| 243 | TFL -61 -61P021B | TFL-61P021B-M01 | M01 | 1Y | | | | I | | | | | | | | | RLB | RLB-ELBO |
| 244 | TFL -61 -61P021B | TFL-61P021B-P01 | RAFFINATE PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 245 | TFL -61 -61P021B | TFL-61P021B-P01 | RAFFINATE PUMP | 6M | | | I | | | | | | I | | | | RLB | RLB-MLBO |
| 246 | TFL -61 -61P021B | TFL-61P021B-P01 | RAFFINATE PUMP | 6M | | | L | | | | | L | | | | | RLB | RLB-MLBO |
| 247 | TFL -61 -61P021B | TFL-61P021B-P01 | RAFFINATE PUMP | 6M | | | I | | | | | | I | | | | RLB | RLB-MLBO |
| 248 | TFL -E2D-MCC | TFL-61P021B-SMGR | SMGR | 2Y | | | P | | | | | | | | | | COH | COH-SMRL |
| 249 | TFL -61 -61P023 | TFL-61P023-M01 | M01 | 1Y | T | | | | | | | | | | | | RLB | RLB-ELBO |
| 250 | TFL -61 -61P023 | TFL-61P023-M01 | M01 | 1Y | | | | I | | | | | | | | | RLB | RLB-ELBO |
| 251 | TFL -61 -61P023 | TFL-61P023-P01 | 150 N RAFF TRANSFER PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 252 | TFL -61 -61P023 | TFL-61P023-P01 | 150 N RAFF TRANSFER PUMP | 6M | | | L | | | | | | I | | | | RLB | RLB-MLBO |
| 253 | TFL -61 -61P023 | TFL-61P023-P01 | 150 N RAFF TRANSFER PUMP | 6M | | | L | | | | | | L | | | | RLB | RLB-MLBO |
| 254 | TFL -61 -61P031 | TFL-61P031-M01 | M01 | 1Y | | I | | | | | | | | | | | RLB | RLB-ELBO |
| 255 | TFL -61 -61P031 | TFL-61P031-M01 | M01 | 1Y | | | | | | I | | | | | | | RLB | RLB-ELBO |
| 256 | TFL -61 -61P031 | TFL-61P031-P01 | 60 N LOADING PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 257 | TFL -61 -61P031 | TFL-61P031-P01 | 60 N LOADING PUMP | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 258 | TFL -61 -61P032A | TFL-61P032A-M01 | M01 | 6M | | | | | L | | | | | | L | | RLB | RLB-ELBO |
| 259 | TFL -61 -61P032A | TFL-61P032A-M01 | M01 | 1Y | | I | | | | | | | | | | | RLB | RLB-ELBO |
| 260 | TFL -61 -61P032A | TFL-61P032A-M01 | M01 | 1Y | | | | | | I | | | | | | | RLB | RLB-ELBO |
| 261 | TFL -61 -61P032A | TFL-61P032A-P01 | 100 N LOADING PUMP | 2M | I | | I | | I | | I | | I | | | | IRI | IRI-INVB |
| 262 | TFL -61 -61P032A | TFL-61P032A-P01 | 100 N LOADING PUMP | 6M | | | | | | I | | | | | I | | RLB | RLB-MLBO |
| 263 | TFL -61 -61P032B | TFL-61P032B-M01 | M01 | 6M | | | | L | | | | | | L | | | RLB | RLB-ELBO |
| 264 | TFL -61 -61P032B | TFL-61P032B-M01 | M01 | 1Y | | | I | | | | | | | | | | RLB | RLB-ELBO |
| 265 | TFL -61 -61P032B | TFL-61P032B-M01 | M01 | 1Y | | | | | | I | | | | | | | RLB | RLB-ELBO |
| 266 | TFL -61 -61P032B | TFL-61P032B-P01 | 100 N LOADING PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 267 | TFL -61 -61P032B | TFL-61P032B-P01 | 100 N LOADING PUMP | 6M | I | | | | | I | | | | | | | RLB | RLB-MLBO |
| 268 | TFL -61 -61P033 | TFL-61P033-M01 | M01 | 6M | | | | | L | | | | | | L | | RLB | RLB-ELBO |
| 269 | TFL -61 -61P033 | TFL-61P033-M01 | M01 | 1Y | | I | | | | | | | | | | | RLB | RLB-ELBO |
| 270 | TFL -61 -61P033 | TFL-61P033-M01 | M01 | 1Y | | | | | | I | | | | | | | RLB | RLB-ELBO |
| 271 | TFL -61 -61P033 | TFL-61P033-P01 | 150 N LOADING PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 272 | TFL -61 -61P033 | TFL-61P033-P01 | 150 N LOADING PUMP | 6M | | I | | | | | | I | | | | | RLB | RLB-MLBO |

PREVENTIVE MAINTENANCE YEARLY SCHEDULE
PLANT: LUBE YEAR: 2022

Form No.
Effective Date 29.12.2021
Revision 0

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S = Service T = Stand by condition check U = Running condition check V = Verify

| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|------------------|-----------------|-----------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 273 | TFL -61 -61P034A | TFL-61P034A-M01 | M01 | 6M | | | | | L | | | | | | L | | RLB | RLB-ELBO |
| 274 | TFL -61 -61P034A | TFL-61P034A-M01 | M01 | 1Y | | I | | | | | | | | | | | RLB | RLB-ELBO |
| 275 | TFL -61 -61P034A | TFL-61P034A-M01 | M01 | 1Y | | | | | | I | | | | | | | RLB | RLB-ELBO |
| 276 | TFL -61 -61P034A | TFL-61P034A-P01 | 300 N LOADING PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 277 | TFL -61 -61P034A | TFL-61P034A-P01 | 300 N LOADING PUMP | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 278 | TFL -61 -61P034B | TFL-61P034B-M01 | M01 | 6M | | | | L | | | | | | L | | | RLB | RLB-ELBO |
| 279 | TFL -61 -61P034B | TFL-61P034B-M01 | M01 | 1Y | | | I | | | | | | | | | | RLB | RLB-ELBO |
| 280 | TFL -61 -61P034B | TFL-61P034B-M01 | M01 | 1Y | | | | | | I | | | | | | | RLB | RLB-ELBO |
| 281 | TFL -61 -61P034B | TFL-61P034B-P01 | 300 N LOADING PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 282 | TFL -61 -61P034B | TFL-61P034B-P01 | 300 N LOADING PUMP | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 283 | TFL -61 -61P036 | TFL-61P036-M01 | M01 | 6M | | | | L | | | | | | L | | | RLB | RLB-ELBO |
| 284 | TFL -61 -61P036 | TFL-61P036-M01 | M01 | 1Y | | | | | I | | | | | | | | RLB | RLB-ELBO |
| 285 | TFL -61 -61P036 | TFL-61P036-M01 | M01 | 1Y | | | | | | | I | | | | | | RLB | RLB-ELBO |
| 286 | TFL -61 -61P036 | TFL-61P036-P01 | 500N LOADING PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 287 | TFL -61 -61P036 | TFL-61P036-P01 | 500N LOADING PUMP | 6M | | | | | | I | | | | | I | | RLB | RLB-MLBO |
| 288 | TFL -61 -61P037A | TFL-61P037A-M01 | M01 | 6M | | | | | L | | | | | | L | | RLB | RLB-ELBO |
| 289 | TFL -61 -61P037A | TFL-61P037A-M01 | M01 | 1Y | | | | | | | I | | | | | | RLB | RLB-ELBO |
| 290 | TFL -E2D-MCC | TFL-61P037A-MCC | MCC | 1Y | | | | I | | | | | | | | | RLB | RLB-ELBO |
| 291 | TFL -61 -61P037A | TFL-61P037A-P01 | 150 BS LOADING PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 292 | TFL -61 -61P037A | TFL-61P037A-P01 | 150 BS LOADING PUMP | 6M | | | | | | | | | | I | | | RLB | RLB-MLBO |
| 293 | TFL -61 -61P037B | TFL-61P037B-M01 | M01 | 6M | | | | L | | | | | | | L | | RLB | RLB-ELBO |
| 294 | TFL -61 -61P037B | TFL-61P037B-M01 | M01 | 1Y | | | | | I | | | | | | | | RLB | RLB-ELBO |
| 295 | TFL -61 -61P037B | TFL-61P037B-M01 | M01 | 1Y | | | | | | | I | | | | | | RLB | RLB-ELBO |
| 296 | TFL -61 -61P037B | TFL-61P037B-P01 | 150 BS LOADING PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 297 | TFL -61 -61P037B | TFL-61P037B-P01 | 150 BS LOADING PUMP | 6M | | | | | | I | | | | | I | | RLB | RLB-MLBO |
| 298 | TFL -61 -61P042 | TFL-61P042-M01 | M01 | 1Y | | | | | | I | | | | | | | RLB | RLB-ELBO |
| 299 | TFL -61 -61P042 | TFL-61P042-P01 | 100 N LOADING PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 300 | TFL -61 -61P042 | TFL-61P042-P01 | 100 N LOADING PUMP | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 301 | TFL -61 -61P043A | TFL-61P043A-M01 | M01 | 6M | | | | | L | | | | | | L | | RLB | RLB-ELBO |
| 302 | TFL -61 -61P043A | TFL-61P043A-M01 | M01 | 1Y | | I | | | | | | | | | | | RLB | RLB-ELBO |
| 303 | TFL -61 -61P043A | TFL-61P043A-M01 | M01 | 1Y | | | | | | I | | | | | | | RLB | RLB-ELBO |
| 304 | TFL -E2D-MCC | TFL-61P043A-MCC | MCC | 1Y | | I | | | | | | | | | | | RLB | RLB-ELBO |
| 305 | TFL -61 -61P043A | TFL-61P043A-P01 | 150 N LOADING PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 306 | TFL -61 -61P043A | TFL-61P043A-P01 | 150 N LOADING PUMP | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |

PREVENTIVE MAINTENANCE YEARLY SCHEDULE
PLANT: LUBE YEAR: 2022

Form No.
Effective Date 29.12.2021
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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|------------------|------------------|-----------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 307 | TFL -61 -61P043B | TFL-61P043B-M01 | M01 | 6M | | | | L | | | | | | L | | | RLB | RLB-ELBO |
| 308 | TFL -61 -61P043B | TFL-61P043B-M01 | M01 | 1Y | | | I | | | | | | | | | | RLB | RLB-ELBO |
| 309 | TFL -61 -61P043B | TFL-61P043B-M01 | M01 | 1Y | | | | | | I | | | | | | | RLB | RLB-ELBO |
| 310 | TFL -61 -61P043B | TFL-61P043B-P01 | 150 N LOADING PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 311 | TFL -61 -61P043B | TFL-61P043B-P01 | 150 N LOADING PUMP | 6M | I | | | | | I | | | | | | | RLB | RLB-MLBO |
| 312 | TFL -61 -61P044A | TFL-61P044A-M01 | M01 | 6M | | | | | L | | | | | L | | | RLB | RLB-ELBO |
| 313 | TFL -61 -61P044A | TFL-61P044A-M01 | M01 | 1Y | | I | | | | | | | | | | | RLB | RLB-ELBO |
| 314 | TFL -61 -61P044A | TFL-61P044A-M01 | M01 | 1Y | | | | | | I | | | | | | | RLB | RLB-ELBO |
| 315 | TFL -61 -61P044A | TFL-61P044A-P01 | 300 N LOADING PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 316 | TFL -61 -61P044A | TFL-61P044A-P01 | 300 N LOADING PUMP | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 317 | TFL -61 -61P044B | TFL-61P044B-M01 | M01 | 6M | | | | L | | | | | | L | | | RLB | RLB-ELBO |
| 318 | TFL -61 -61P044B | TFL-61P044B-M01 | M01 | 1Y | | | I | | | | | | | | | | RLB | RLB-ELBO |
| 319 | TFL -61 -61P044B | TFL-61P044B-M01 | M01 | 1Y | | | | | | I | | | | | | | RLB | RLB-ELBO |
| 320 | TFL -61 -61P044B | TFL-61P044B-P01 | 300 N LOADING PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 321 | TFL -61 -61P044B | TFL-61P044B-P01 | 300 N LOADING PUMP | 6M | I | | | | | I | | | | | | | RLB | RLB-MLBO |
| 322 | TFL -61 -61P046 | TFL-61P046-M01 | M01 | 4M | | | L | | | | L | | | | L | | RLB | RLB-ELBO |
| 323 | TFL -61 -61P046 | TFL-61P046-M01 | M01 | 1Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 324 | TFL -61 -61P046 | TFL-61P046-M01 | M01 | 1Y | | | | | | I | | | | | | | RLB | RLB-ELBO |
| 325 | TFL -61 -61P046 | TFL-61P046-P01 | 500N LOADING PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 326 | TFL -61 -61P046 | TFL-61P046-P01 | 500N LOADING PUMP | 6M | | | | | I | | | | | | | I | RLB | RLB-MLBO |
| 327 | TFL -61 -61P047A | TFL-61P047A-M01 | M01 | 1Y | | | | | | | | | | | T | | RLB | RLB-ELBO |
| 328 | TFL -61 -61P047A | TFL-61P047A-M01 | M01 | 6M | | | | | L | | | | | L | | | RLB | RLB-ELBO |
| 329 | TFL -61 -61P047A | TFL-61P047A-M01 | M01 | 1Y | | | | | | | I | | | | | | RLB | RLB-ELBO |
| 330 | TFL -61 -61P047A | TFL-61P047A-P01 | 150 BS LOADING PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 331 | TFL -61 -61P047A | TFL-61P047A-P01 | 150 BS LOADING PUMP | 6M | | | | I | | | | | | I | | | RLB | RLB-MLBO |
| 332 | TFL -E2D-MCC | TFL-61P047A-SMGR | SMGR | 2Y | | P | | | | | | | | | | | COH | COH-SMRL |
| 333 | TFL -61 -61P047B | TFL-61P047B-M01 | M01 | 1Y | | | | | | | | | | T | | | RLB | RLB-ELBO |
| 334 | TFL -61 -61P047B | TFL-61P047B-M01 | M01 | 6M | | | | L | | | | | | L | | | RLB | RLB-ELBO |
| 335 | TFL -61 -61P047B | TFL-61P047B-M01 | M01 | 1Y | | | | | | | I | | | | | | RLB | RLB-ELBO |
| 336 | TFL -61 -61P047B | TFL-61P047B-P01 | 150 BS LOADING PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 337 | TFL -61 -61P047B | TFL-61P047B-P01 | 150 BS LOADING PUMP | 6M | | | | | I | | | | | | I | | RLB | RLB-MLBO |
| 338 | TFL -E2D-MCC | TFL-61P047B-SMGR | SMGR | 2Y | | | P | | | | | | | | | | COH | COH-SMRL |
| 339 | TFL -61 -61P051A | TFL-61P051A-M01 | M01 | 1Y | | | | I | | | | | | | | | RLB | RLB-ELBO |
| 340 | TFL -61 -61P051A | TFL-61P051A-M01 | M01 | 1Y | | | | | | | | | I | | | | RLB | RLB-ELBO |

PREVENTIVE MAINTENANCE YEARLY SCHEDULE
PLANT: LUBE YEAR: 2022

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|------------------|-----------------|-----------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 341 | TFL -61 -61P051A | TFL-61P051A-P01 | LIGHT EXTRACT PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 342 | TFL -61 -61P051A | TFL-61P051A-P01 | LIGHT EXTRACT PUMP | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 343 | TFL -61 -61P051A | TFL-61P051A-P01 | LIGHT EXTRACT PUMP | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 344 | TFL -61 -61P051B | TFL-61P051B-M01 | M01 | 1Y | | | | | I | | | | | | | | RLB | RLB-ELBO |
| 345 | TFL -61 -61P051B | TFL-61P051B-M01 | M01 | 1Y | | | | | | | | | I | | | | RLB | RLB-ELBO |
| 346 | TFL -61 -61P051B | TFL-61P051B-P01 | LIGHT EXTRACT PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 347 | TFL -61 -61P051B | TFL-61P051B-P01 | LIGHT EXTRACT PUMP | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 348 | TFL -61 -61P051B | TFL-61P051B-P01 | LIGHT EXTRACT PUMP | 2M | L | | L | | L | | L | | L | | L | | RLB | RLB-MLBO |
| 349 | TFL -61 -61P052 | TFL-61P052-M01 | M01 | 6M | | | | | L | | | | | | L | | RLB | RLB-ELBO |
| 350 | TFL -61 -61P052 | TFL-61P052-M01 | M01 | 1Y | | | | | I | | | | | | | | RLB | RLB-ELBO |
| 351 | TFL -61 -61P052 | TFL-61P052-M01 | M01 | 1Y | | | | | | | | | I | | | | RLB | RLB-ELBO |
| 352 | TFL -61 -61P052 | TFL-61P052-P01 | 300 N EXTRACT PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 353 | TFL -61 -61P052 | TFL-61P052-P01 | 300 N EXTRACT PUMP | 6M | | I | | | | | | I | | | | | RLB | RLB-MLBO |
| 354 | TFL -61 -61P052 | TFL-61P052-P01 | 300 N EXTRACT PUMP | 2M | | L | | | L | | L | | L | | L | | RLB | RLB-MLBO |
| 355 | TFL -61 -61P053A | TFL-61P053A-M01 | M01 | 1Y | | | | I | | | | | | | | | RLB | RLB-ELBO |
| 356 | TFL -61 -61P053A | TFL-61P053A-M01 | M01 | 1Y | | | | | | | | | I | | | | RLB | RLB-ELBO |
| 357 | TFL -61 -61P053A | TFL-61P053A-P01 | 150 BS EXTRACT PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 358 | TFL -61 -61P053A | TFL-61P053A-P01 | 150 BS EXTRACT PUMP | 6M | | I | | | | | I | | | | | | RLB | RLB-MLBO |
| 359 | TFL -61 -61P053A | TFL-61P053A-P01 | 150 BS EXTRACT PUMP | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 360 | TFL -61 -61P053B | TFL-61P053B-M01 | M01 | 6M | | | | L | | | | | | L | | | RLB | RLB-ELBO |
| 361 | TFL -61 -61P053B | TFL-61P053B-M01 | M01 | 1Y | | | | | I | | | | | | | | RLB | RLB-ELBO |
| 362 | TFL -61 -61P053B | TFL-61P053B-M01 | M01 | 1Y | | | | | | | | | I | | | | RLB | RLB-ELBO |
| 363 | TFL -61 -61P053B | TFL-61P053B-P01 | 150 BS EXTRACT PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 364 | TFL -61 -61P053B | TFL-61P053B-P01 | 150 BS EXTRACT PUMP | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 365 | TFL -61 -61P053B | TFL-61P053B-P01 | 150 BS EXTRACT PUMP | 2M | L | | L | | L | | L | | L | | L | | RLB | RLB-MLBO |
| 366 | TFL -61 -61P054A | TFL-61P054A-M01 | M01 | 1Y | | | | T | | | | | | | | | RLB | RLB-ELBO |
| 367 | TFL -61 -61P054A | TFL-61P054A-M01 | M01 | 6M | | | | | L | | | | | | L | | RLB | RLB-ELBO |
| 368 | TFL -61 -61P054A | TFL-61P054A-M01 | M01 | 1Y | | | | | | | | | I | | | | RLB | RLB-ELBO |
| 369 | TFL -61 -61P054A | TFL-61P054A-P01 | 500 N EXTR. LOAD PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 370 | TFL -61 -61P054A | TFL-61P054A-P01 | 500 N EXTR. LOAD PUMP | 6M | | I | | | | | I | | | | | | RLB | RLB-MLBO |
| 371 | TFL -61 -61P054A | TFL-61P054A-P01 | 500 N EXTR. LOAD PUMP | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 372 | TFL -61 -61P054B | TFL-61P054B-M01 | M01 | 1Y | | | T | | | | | | | | | | RLB | RLB-ELBO |
| 373 | TFL -61 -61P054B | TFL-61P054B-M01 | M01 | 6M | | | | L | | | | | | L | | | RLB | RLB-ELBO |
| 374 | TFL -61 -61P054B | TFL-61P054B-M01 | M01 | 1Y | | | | | | | | | I | | | | RLB | RLB-ELBO |

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|------------------|-----------------|-----------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 375 | TFL -61 -61P054B | TFL-61P054B-P01 | 500 N EXTR. LOAD PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI - INVB |
| 376 | TFL -61 -61P054B | TFL-61P054B-P01 | 500 N EXTR. LOAD PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI - INVB |
| 377 | TFL -61 -61P054B | TFL-61P054B-P01 | 500 N EXTR. LOAD PUMP | 6M | | | I | | | | | | I | | | | RLB | RLB-MLBO |
| 378 | TFL -61 -61P054B | TFL-61P054B-P01 | 500 N EXTR. LOAD PUMP | 3M | | | I | | | L | | | L | | | L | RLB | RLB-MLBO |
| 379 | TFL -61 -61P054B | TFL-61P054B-P01 | 500 N EXTR. LOAD PUMP | 6M | | | I | | | | | | I | | | | RLB | RLB-MLBO |
| 380 | TFL -61 -61P054B | TFL-61P054B-P01 | 500 N EXTR. LOAD PUMP | 2M | L | | L | | L | | L | | L | | L | | RLB | RLB-MLBO |
| 381 | TFL -61 -61P055A | TFL-61P055A-M01 | MD1 | 1Y | | | | | | | | | I | | | | RLB | RLB-ELBO |
| 382 | TFL -61 -61P055A | TFL-61P055A-P01 | EXTRACT FEED PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI - INVB |
| 383 | TFL -61 -61P055A | TFL-61P055A-P01 | EXTRACT FEED PUMP | 2M | I | | | | I | | I | | I | | I | | IRI | IRI - INVB |
| 384 | TFL -61 -61P055A | TFL-61P055A-P01 | EXTRACT FEED PUMP | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 385 | TFL -61 -61P055A | TFL-61P055A-P01 | EXTRACT FEED PUMP | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 386 | TFL -61 -61P055B | TFL-61P055B-M01 | MD1 | 1Y | | | | | | | | | I | | | | RLB | RLB-ELBO |
| 387 | TFL -61 -61P055B | TFL-61P055B-P01 | EXTRACT FEED PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI - INVB |
| 388 | TFL -61 -61P055B | TFL-61P055B-P01 | EXTRACT FEED PUMP | 6M | | | | | I | | | | | | I | | RLB | RLB-MLBO |
| 389 | TFL -61 -61P055B | TFL-61P055B-P01 | EXTRACT FEED PUMP | 3M | | L | | | L | | | L | | | L | | RLB | RLB-MLBO |
| 390 | TFL -61 -61P055B | TFL-61P055B-P01 | EXTRACT FEED PUMP | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 391 | TFL -61 -61P055B | TFL-61P055B-P01 | EXTRACT FEED PUMP | 2M | L | | L | | L | | L | | L | | L | | RLB | RLB-MLBO |
| 392 | TFL -61 -61P062A | TFL-61P062A-M01 | MD1 | 1Y | | | | | | T | | | | | | | RLB | RLB-ELBO |
| 393 | TFL -61 -61P062A | TFL-61P062A-M01 | MD1 | 4M | | | L | | | | L | | | | L | | RLB | RLB-ELBO |
| 394 | TFL -61 -61P062A | TFL-61P062A-M01 | MD1 | 1Y | | | | | I | | | | | | | | RLB | RLB-ELBO |
| 395 | TFL -61 -61P062A | TFL-61P062A-P01 | ASPHALTENE PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI - INVB |
| 396 | TFL -61 -61P062A | TFL-61P062A-P01 | ASPHALTENE PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI - INVB |
| 397 | TFL -61 -61P062A | TFL-61P062A-P01 | ASPHALTENE PUMP | 6M | | I | | | | | | | I | | | | RLB | RLB-MLBO |
| 398 | TFL -61 -61P062A | TFL-61P062A-P01 | ASPHALTENE PUMP | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 399 | TFL -61 -61P062B | TFL-61P062B-M01 | MD1 | 1Y | | | T | | | | | | | | | | RLB | RLB-ELBO |
| 400 | TFL -61 -61P062B | TFL-61P062B-M01 | MD1 | 4M | | L | | | | L | | | | L | | | RLB | RLB-ELBO |
| 401 | TFL -61 -61P062B | TFL-61P062B-M01 | MD1 | 1Y | | | | | I | | | | | | | | RLB | RLB-ELBO |
| 402 | TFL -61 -61P062B | TFL-61P062B-P01 | ASPHALTENE PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI - INVB |
| 403 | TFL -61 -61P062B | TFL-61P062B-P01 | ASPHALTENE PUMP | 6M | | | | | I | | | | | | I | | RLB | RLB-MLBO |
| 404 | TFL -61 -61P062B | TFL-61P062B-P01 | ASPHALTENE PUMP | 2M | L | | L | | | L | | | | | | | | |

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|------|------------------|-----------------|-----------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 409 | TFL -61 -61P062C | TFL-61P062C-M01 | Motor Asphaltene Pump | 1Y | | | | | I | | | | | | | | RLB | RLB-ELBO |
| 410 | TFL -61 -61P062C | TFL-61P062C-P01 | Asphaltene Pump | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI - INVB |
| 411 | TFL -61 -61P062C | TFL-61P062C-P01 | Asphaltene Pump | 6M | | I | | | | | | I | | | | | RLB | RLB-MLBO |
| 412 | TFL -61 -61P062C | TFL-61P062C-P01 | Asphaltene Pump | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 413 | TFL -61 -61P063A | TFL-61P063A-M01 | M01 | 6M | | | | | L | | | | | | L | | RLB | RLB-ELBO |
| 414 | TFL -61 -61P063A | TFL-61P063A-M01 | M01 | 1Y | | | | | | I | | | | | | | RLB | RLB-ELBO |
| 415 | TFL -61 -61P063A | TFL-61P063A-M01 | M01 | 1Y | | | | | I | | | | | | | | RLB | RLB-ELBO |
| 416 | TFL -61 -61P063A | TFL-61P063A-P01 | BLOWN ASPH. DRUM PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI - INVB |
| 417 | TFL -61 -61P063A | TFL-61P063A-P01 | BLOWN ASPH. DRUM PUMP | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 418 | TFL -61 -61P063A | TFL-61P063A-P01 | BLOWN ASPH. DRUM PUMP | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 419 | TFL -61 -61P063B | TFL-61P063B-M01 | M01 | 6M | | | | L | | | | | | L | | | RLB | RLB-ELBO |
| 420 | TFL -61 -61P063B | TFL-61P063B-M01 | M01 | 1Y | | | I | | | | | | | | | | RLB | RLB-ELBO |
| 421 | TFL -61 -61P063B | TFL-61P063B-M01 | M01 | 1Y | | | | | I | | | | | | | | RLB | RLB-ELBO |
| 422 | TFL -61 -61P063B | TFL-61P063B-P01 | BLOWN ASPH. DRUM PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI - INVB |
| 423 | TFL -61 -61P063B | TFL-61P063B-P01 | BLOWN ASPH. DRUM PUMP | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 424 | TFL -61 -61P063B | TFL-61P063B-P01 | BLOWN ASPH. DRUM PUMP | 2M | L | | L | | L | | L | | L | | L | | RLB | RLB-MLBO |
| 425 | TFL -61 -61P064A | TFL-61P064A-M01 | M01 | 6M | | | | | L | | | | | | L | | RLB | RLB-ELBO |
| 426 | TFL -61 -61P064A | TFL-61P064A-M01 | M01 | 1Y | | | | | | I | | | | | | | RLB | RLB-ELBO |
| 427 | TFL -61 -61P064A | TFL-61P064A-M01 | M01 | 1Y | | | | | | I | | | | | | | RLB | RLB-ELBO |
| 428 | TFL -61 -61P064A | TFL-61P064A-P01 | BLOWN ASPH. LOAD PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI - INVB |
| 429 | TFL -61 -61P064A | TFL-61P064A-P01 | BLOWN ASPH. LOAD PUMP | 6M | | I | | | | | | I | | | | | RLB | RLB-MLBO |
| 430 | TFL -61 -61P064A | TFL-61P064A-P01 | BLOWN ASPH. LOAD PUMP | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 431 | TFL -61 -61P064B | TFL-61P064B-M01 | M01 | 6M | | | | L | | | | | | L | | | RLB | RLB-ELBO |
| 432 | TFL -61 -61P064B | TFL-61P064B-M01 | M01 | 1Y | | | I | | | | | | | | | | RLB | RLB-ELBO |
| 433 | TFL -61 -61P064B | TFL-61P064B-M01 | M01 | 1Y | | | | | I | | | | | | | | RLB | RLB-ELBO |
| 434 | TFL -61 -61P064B | TFL-61P064B-P01 | BLOWN ASPH. LOAD PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI - INVB |
| 435 | TFL -61 -61P064B | TFL-61P064B-P01 | BLOWN ASPH. LOAD PUMP | 6M | | | I | | | | | | I | | | | RLB | RLB-MLBO |
| 436 | TFL -61 -61P064B | TFL-61P064B-P01 | BLOWN ASPH. LOAD PUMP | 2M | L | | L | | L | | L | | L | | L | | RLB | RLB-MLBO |
| 437 | TFL -61 -61P065A | TFL-61P065A-M01 | M01 | 6M | | | | | L | | | | | | L | | RLB | RLB-ELBO |
| 438 | TFL -61 -61P065A | TFL-61P065A-M01 | M01 | 1Y | | | | | | I | | | | | | | RLB | RLB-ELBO |
| 439 | TFL -61 -61P065A | TFL-61P065A-M01 | | | | | | | | | | | | | | | | |

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|------|------------------|-----------------|--------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 443 | TFL -61 -61P065B | TFL-61P065B-M01 | M01 | 6M | | | | L | | | | | | L | | | RLB | RLB-ELBO |
| 444 | TFL -61 -61P065B | TFL-61P065B-M01 | M01 | 1Y | | | | | I | | | | | | | | RLB | RLB-ELBO |
| 445 | TFL -61 -61P065B | TFL-61P065B-M01 | M01 | 1Y | | | | | I | | | | | | | | RLB | RLB-ELBO |
| 446 | TFL -61 -61P065B | TFL-61P065B-P01 | ASPHALT MARINE LOAD PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI - INVB |
| 447 | TFL -61 -61P065B | TFL-61P065B-P01 | ASPHALT MARINE LOAD PUMP | 6M | I | | | | | I | | | | | | | RLB | RLB-MLBO |
| 448 | TFL -61 -61P065B | TFL-61P065B-P01 | ASPHALT MARINE LOAD PUMP | 2M | L | | L | | L | | L | | L | | L | | RLB | RLB-MLBO |
| 449 | TFL -61 -61P071A | TFL-61P071A-M01 | M01 | 1Y | | I | | | | | | | | | | | RLB | RLB-ELBO |
| 450 | TFL -61 -61P071A | TFL-61P071A-M01 | M01 | 1Y | | | | | | | | I | | | | | RLB | RLB-ELBO |
| 451 | TFL -61 -61P071A | TFL-61P071A-P01 | LIGHT SLOP OIL PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI - INVB |
| 452 | TFL -61 -61P071A | TFL-61P071A-P01 | LIGHT SLOP OIL PUMP | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 453 | TFL -61 -61P071B | TFL-61P071B-M01 | M01 | 1Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 454 | TFL -61 -61P071B | TFL-61P071B-M01 | M01 | 1Y | | | | | | | | I | | | | | RLB | RLB-ELBO |
| 455 | TFL -61 -61P071B | TFL-61P071B-P01 | LIGHT SLOP OIL PUMP | 2M | | I | | I | | I | | | | I | | I | IRI | IRI - INVB |
| 456 | TFL -61 -61P071B | TFL-61P071B-P01 | LIGHT SLOP OIL PUMP | 6M | I | | | | | I | | I | | | | | RLB | RLB-MLBO |
| 457 | TFL -61 -61P072A | TFL-61P072A-M01 | M01 | 1Y | | | | | | | | | | | | | RLB | RLB-ELBO |
| 458 | TFL -61 -61P072A | TFL-61P072A-M01 | M01 | 5Y | | T | H | | | | | | | | | | RLB | RLB-ELBO |
| 459 | TFL -61 -61P072A | TFL-61P072A-M01 | M01 | 4M | | | | L | | | | L | | | L | | RLB | RLB-ELBO |
| 460 | TFL -61 -61P072A | TFL-61P072A-M01 | M01 | 1Y | | | | | | | | I | | | | | RLB | RLB-ELBO |
| 461 | TFL -61 -61P072A | TFL-61P072A-P01 | HEAVY SLOP OIL PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI - INVB |
| 462 | TFL -61 -61P072A | TFL-61P072A-P01 | HEAVY SLOP OIL PUMP | 2M | I | | | I | | I | | I | | I | | I | IRI | IRI - INVB |
| 463 | TFL -61 -61P072A | TFL-61P072A-P01 | HEAVY SLOP OIL PUMP | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 464 | TFL -61 -61P072A | TFL-61P072A-P01 | HEAVY SLOP OIL PUMP | 6M | | | | | | L | | | | | | L | RLB | RLB-MLBO |
| 465 | TFL -61 -61P072A | TFL-61P072A-P01 | HEAVY SLOP OIL PUMP | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 466 | TFL -61 -61P072B | TFL-61P072B-M01 | M01 | 1Y | T | | | | | | | | | | | | RLB | RLB-ELBO |
| 467 | TFL -61 -61P072B | TFL-61P072B-M01 | M01 | 5Y | | | H | | | | | | | | | | RLB | RLB-ELBO |
| 468 | TFL -61 -61P072B | TFL-61P072B-M01 | M01 | 6M | | | | L | | | | | | L | | | RLB | RLB-ELBO |
| 469 | TFL -61 -61P072B | TFL-61P072B-M01 | M01 | 1Y | | | | | | | | I | | | | | RLB | RLB-ELBO |
| 470 | TFL -61 -61P072B | TFL-61P072B-P01 | HEAVY SLOP OIL PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI - INVB |
| 471 | TFL -61 -61P072B | TFL-61P072B-P01 | HEAVY SLOP OIL PUMP | 6M | I | | | | | | I | | | | | | RLB | RLB-MLBO |
| 472 | TFL -61 -61P072B | TFL-61P072B-P01 | HEAVY SLOP OIL PUMP | 6M | L | | | | | | L | | | | | | RLB | RLB |

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|------|------------------|-----------------|-----------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|----------|
| 477 | TFL -61 -61P073A | TFL-61P073A-M01 | M01 | 1Y | | | | | | | | I | | | | | RLB | RLB-ELBO | |
| 478 | TFL -61 -61P073A | TFL-61P073A-P01 | VR PUMP | 2M | | I | | I | | I | | | | I | | I | IRI | IRI- INVB | |
| 479 | TFL -61 -61P073A | TFL-61P073A-P01 | VR PUMP | 2M | I | | I | | I | I | | I | | I | | | IRI | IRI- INVB | |
| 480 | TFL -61 -61P073A | TFL-61P073A-P01 | VR PUMP | 6M | | | | | | I | | | | | | | I | RLB | RLB-MLBO |
| 481 | TFL -61 -61P073A | TFL-61P073A-P01 | VR PUMP | 2M | | L | | L | | L | | L | | L | | | L | RLB | RLB-MLBO |
| 482 | TFL -61 -61P073A | TFL-61P073A-P01 | VR PUMP | 6M | | I | | | | L | | I | | | | | | RLB | RLB-MLBO |
| 483 | TFL -61 -61P073A | TFL-61P073A-P01 | VR PUMP | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO | |
| 484 | TFL -61 -61P073B | TFL-61P073B-M01 | M01 | 1Y | | | T | | | | | | | | | | RLB | RLB-ELBO | |
| 485 | TFL -61 -61P073B | TFL-61P073B-M01 | M01 | 5Y | | | | H | | | | | | | | | RLB | RLB-ELBO | |
| 486 | TFL -61 -61P073B | TFL-61P073B-M01 | M01 | 4M | | L | | | | L | | | | L | | | RLB | RLB-ELBO | |
| 487 | TFL -61 -61P073B | TFL-61P073B-M01 | M01 | 1Y | | | | | | | | I | | | | | RLB | RLB-ELBO | |
| 488 | TFL -61 -61P073B | TFL-61P073B-P01 | VR PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI- INVB | |
| 489 | TFL -61 -61P073B | TFL-61P073B-P01 | VR PUMP | 6M | | | | | I | | | | | | I | | RLB | RLB-MLBO | |
| 490 | TFL -61 -61P073B | TFL-61P073B-P01 | VR PUMP | 2M | L | | L | | L | | L | | L | | L | | RLB | RLB-MLBO | |
| 491 | TFL -61 -61P073B | TFL-61P073B-P01 | VR PUMP | 2M | I | | I | | I | | I | | I | | I | | RLB | RLB-MLBO | |
| 492 | TFL -61 -61P073B | TFL-61P073B-P01 | VR PUMP | 2M | L | | L | | L | | L | | L | | L | | RLB | RLB-MLBO | |
| 493 | TFL -61 -61P073C | TFL-61P073C-M01 | Motor VR Pump | 5Y | | | | | H | | | | | | | | RLB | RLB-ELBO | |
| 494 | TFL -61 -61P073C | TFL-61P073C-M01 | Motor VR Pump | 4M | | L | | | | L | | | | L | | | RLB | RLB-ELBO | |
| 495 | TFL -61 -61P073C | TFL-61P073C-M01 | Motor VR Pump | 1Y | | | | | | | | I | | | | | RLB | RLB-ELBO | |
| 496 | TFL -61 -61P073C | TFL-61P073C-P01 | VR Pump | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI- INVB | |
| 497 | TFL -61 -61P073C | TFL-61P073C-P01 | VR Pump | 6M | I | | | | | I | | | | | | | RLB | RLB-MLBO | |
| 498 | TFL -61 -61P073C | TFL-61P073C-P01 | VR Pump | 2M | L | | L | | L | | L | | L | | L | | RLB | RLB-MLBO | |
| 499 | TFL -61 -61P074A | TFL-61P074A-M01 | M01 | 1Y | | | | | | | | | I | | | | RLB | RLB-ELBO | |
| 500 | TFL -E2D-MCC | TFL-61P074A-MCC | MCC | 1Y | | I | | | | | | | | | | | RLB | RLB-ELBO | |
| 501 | TFL -61 -61P074A | TFL-61P074A-P01 | SLOP OIL PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI- INVB | |
| 502 | TFL -61 -61P074A | TFL-61P074A-P01 | SLOP OIL PUMP | 6M | | | | I | | | | | | I | | | RLB | RLB-MLBO | |
| 503 | TFL -61 -61P074B | TFL-61P074B-M01 | M01 | 1Y | | | I | | | | | | | | | | RLB | RLB-ELBO | |
| 504 | TFL -61 -61P074B | TFL-61P074B-M01 | M01 | 1Y | | | | | | | | | I | | | | RLB | RLB-ELBO | |
| 505 | TFL -61 -61P074B | TFL-61P074B-P01 | SLOP OIL PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI- INVB | |
| 506 | TFL -61 -61P074B | TFL-61P074B-P01 | SLOP OIL PUMP | 6M | | | | | I | | | | | | I | | RLB | RLB-MLBO | |
| 507 | TFL -61 -61P075A | TFL-61P075A-M01 | M01 | 1Y | | | | T | | | </ | | | | | | | | |

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|------|------------------|-----------------|-----------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 511 | TFL -61 -61P075A | TFL-61P075A-P01 | DOC FEED PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI - INVB |
| 512 | TFL -61 -61P075A | TFL-61P075A-P01 | DOC FEED PUMP | 6M | | | | I | | | | | | I | | | RLB | RLB-MLBO |
| 513 | TFL -61 -61P075A | TFL-61P075A-P01 | DOC FEED PUMP | 6M | | | | L | | | | | | L | | | RLB | RLB-MLBO |
| 514 | TFL -61 -61P075A | TFL-61P075A-P01 | DOC FEED PUMP | 6M | | | | I | | | | | | I | | | RLB | RLB-MLBO |
| 515 | TFL -61 -61P075B | TFL-61P075B-M01 | M01 | 1Y | | | | | T | | | | | | | | RLB | RLB-ELBO |
| 516 | TFL -61 -61P075B | TFL-61P075B-M01 | M01 | 4M | | L | | | | L | | | | L | | | RLB | RLB-ELBO |
| 517 | TFL -61 -61P075B | TFL-61P075B-M01 | M01 | 1Y | | | | | | | | | I | | | | RLB | RLB-ELBO |
| 518 | TFL -61 -61P075B | TFL-61P075B-P01 | DOC FEED PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI - INVB |
| 519 | TFL -61 -61P075B | TFL-61P075B-P01 | DOC FEED PUMP | 6M | | | | | I | | | | | | I | | RLB | RLB-MLBO |
| 520 | TFL -61 -61P075B | TFL-61P075B-P01 | DOC FEED PUMP | 6M | | | | | L | | | | | | L | | RLB | RLB-MLBO |
| 521 | TFL -61 -61P075B | TFL-61P075B-P01 | DOC FEED PUMP | 6M | | | | | I | | | | | | I | | RLB | RLB-MLBO |
| 522 | TFL -61 -61P076A | TFL-61P076A-M01 | M01 | 1Y | | T | | | | | | | | | | | RLB | RLB-ELBO |
| 523 | TFL -61 -61P076A | TFL-61P076A-M01 | M01 | 6M | L | | | | | | L | | | | | | RLB | RLB-ELBO |
| 524 | TFL -61 -61P076A | TFL-61P076A-M01 | M01 | 1Y | | | | | | | I | | | | | | RLB | RLB-ELBO |
| 525 | TFL -61 -61P076A | TFL-61P076A-P01 | FUELOIL LOADING PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI - INVB |
| 526 | TFL -61 -61P076A | TFL-61P076A-P01 | FUELOIL LOADING PUMP | 2M | I | | I | | I | | I | | | I | | | IRI | IRI - INVB |
| 527 | TFL -61 -61P076A | TFL-61P076A-P01 | FUELOIL LOADING PUMP | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 528 | TFL -61 -61P076A | TFL-61P076A-P01 | FUELOIL LOADING PUMP | 2M | | L | | L | | | L | | L | | | L | RLB | RLB-MLBO |
| 529 | TFL -61 -61P076A | TFL-61P076A-P01 | FUELOIL LOADING PUMP | 6M | | I | | | | | L | | I | | | | RLB | RLB-MLBO |
| 530 | TFL -61 -61P076A | TFL-61P076A-P01 | FUELOIL LOADING PUMP | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 531 | TFL -61 -61P076B | TFL-61P076B-M01 | M01 | 1Y | | | T | | | | | | | | | | RLB | RLB-ELBO |
| 532 | TFL -61 -61P076B | TFL-61P076B-M01 | M01 | 6M | | | | | | L | | | | | | L | RLB | RLB-ELBO |
| 533 | TFL -61 -61P076B | TFL-61P076B-M01 | M01 | 1Y | | | | | | | I | | | | | | RLB | RLB-ELBO |
| 534 | TFL -61 -61P076B | TFL-61P076B-P01 | FUELOIL LOADING PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI - INVB |
| 535 | TFL -61 -61P076B | TFL-61P076B-P01 | FUELOIL LOADING PUMP | 6M | | | | | I | | | | | | I | | RLB | RLB-MLBO |
| 536 | TFL -61 -61P076B | TFL-61P076B-P01 | FUELOIL LOADING PUMP | 2M | L | | L | | L | | L | | L | | L | | RLB | RLB-MLBO |
| 537 | TFL -61 -61P076B | TFL-61P076B-P01 | FUELOIL LOADING PUMP | 6M | | | I | | | | | | I | | | | RLB | RLB-MLBO |
| 538 | TFL -61 -61P076B | TFL-61P076B-P01 | FUELOIL LOADING PUMP | 2M | L | | L | | L | | L | | L | | L | | RLB | RLB-MLBO |
| 539 | TFL -61 -61P078A | TFL-61P078A-M01 | M01 | 1Y | | | | T | | | | | | | | | RLB | RLB-ELBO |
| 540 | TFL -61 -61P078A | TFL-61P078A-M01 | M01 | 6M | | | | | | L | | | | | L | | RLB | RLB-ELBO |
| 54 | | | | | | | | | | | | | | | | | | |

Form No.
Effective Date 29.12.2021
Revision 0

[illegible]

Form No.
Effective Date 29.12.2021
Revision 0

| Item | TFL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|------------------|-----------------|-----------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 579 | TFL -61 -61P082A | TFL-61P082A-P01 | RECYCLE C3 LPG PUMP | 6M | | | | I | | | | | | I | | | RLB | RLB-MLBO |
| 580 | TFL -61 -61P082B | TFL-61P082B-M01 | M01 | 1Y | | | I | | | | | | | | | | RLB | RLB-ELBO |
| 581 | TFL -61 -61P082B | TFL-61P082B-M01 | M01 | 1Y | | | | | | I | | | | | | | RLB | RLB-ELBO |
| 582 | TFL -61 -61P082B | TFL-61P082B-P01 | RECYCLE C3 LPG PUMP | 6M | | | | | I | | | | | | I | | RLB | RLB-MLBO |
| 583 | TFL -61 -61P083 | TFL-61P083-M01 | M01 | 1Y | | | | | | T | | | | | | | RLB | RLB-ELBO |
| 584 | TFL -61 -61P083 | TFL-61P083-M01 | M01 | 5Y | | H | | | | | | | | | | | RLB | RLB-ELBO |
| 585 | TFL -61 -61P083 | TFL-61P083-M01 | M01 | 6M | | | | | | L | | | | | | | RLB | RLB-ELBO |
| 586 | TFL -61 -61P083 | TFL-61P083-M01 | M01 | 1Y | | | | | | | | I | | | | | RLB | RLB-ELBO |
| 587 | TFL -61 -61P083 | TFL-61P083-P01 | FLUSHING PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI - INVB |
| 588 | TFL -61 -61P083 | TFL-61P083-P01 | FLUSHING PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI - INVB |
| 589 | TFL -61 -61P083 | TFL-61P083-P01 | FLUSHING PUMP | 6M | | | | | I | | | | | | I | | RLB | RLB-MLBO |
| 590 | TFL -61 -61P083 | TFL-61P083-P01 | FLUSHING PUMP | 6M | | | | | L | | | | | | L | | RLB | RLB-MLBO |
| 591 | TFL -61 -61P084 | TFL-61P084-M01 | M01 | 1Y | | | | I | | | | | | | | | RLB | RLB-ELBO |
| 592 | TFL -61 -61P084 | TFL-61P084-M01 | M01 | 1Y | | | | | I | | | | | | | | RLB | RLB-ELBO |
| 593 | TFL -61 -61P084 | TFL-61P084-P01 | TRUCK LOADING SLOP OIL PUMP | 2M | I | | | I | | I | | I | | I | | I | IRI | IRI - INVB |
| 594 | TFL -61 -61P084 | TFL-61P084-P01 | TRUCK LOADING SLOP OIL PUMP | 6M | | | | I | | | | | | I | | | RLB | RLB-MLBO |
| 595 | TFL -61 -61P084 | TFL-61P084-P01 | TRUCK LOADING SLOP OIL PUMP | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 596 | TFL -61 -61P085 | TFL-61P085-M01 | M01 | 1Y | | | I | | | | | | | | | | RLB | RLB-ELBO |
| 597 | TFL -61 -61P085 | TFL-61P085-M01 | M01 | 1Y | | | | | I | | | | | | | | RLB | RLB-ELBO |
| 598 | TFL -61 -61P085 | TFL-61P085-P01 | BITUMEN SLOP OIL PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI - INVB |
| 599 | TFL -61 -61P085 | TFL-61P085-P01 | BITUMEN SLOP OIL PUMP | 6M | | | | I | | | | | | I | | | RLB | RLB-MLBO |
| 600 | TFL -61 -61P085 | TFL-61P085-P01 | BITUMEN SLOP OIL PUMP | 6M | L | | | | | | L | | | | | | RLB | RLB-MLBO |
| 601 | TFL -61 -61P090 | TFL-61P090-M01 | M01 | 1Y | | | I | | | | | | | | | | RLB | RLB-ELBO |
| 602 | TFL -61 -61P090 | TFL-61P090-M01 | M01 | 1Y | | | | | | I | | | | | | | RLB | RLB-ELBO |
| 603 | TFL -61 -61P090 | TFL-61P090-P01 | RECYCLE C3 LPG PUMP | 6M | | | | I | | | | | | I | | | RLB | RLB-MLBO |
| 604 | TFL -61 -61P101A | TFL-61P101A-M01 | M01 | 1Y | | | | T | | | | | | | | | RLB | RLB-ELBO |
| 605 | TFL -61 -61P101A | TFL-61P101A-M01 | M01 | 4M | | | L | | | | L | | | | | L | RLB | RLB-ELBO |
| 606 | TFL -61 -61P101A | TFL-61P101A-M01 | M01 | 1Y | | | | | I | | | | | | | | RLB | RLB-ELBO |
| 607 | TFL -61 -61P101A | TFL-61P101A-P01 | FUEL OIL SUPPLY PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI - INVB |
| 608 | TFL -61 -61P101A | TFL-61P101A-P01 | FUEL OIL SUPPLY PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI - INVB |
| 609 | TFL -61 -61 | | | | | | | | | | | | | | | | | |

Form No.
Effective Date 29.12.2021
Revision 0

| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|------------------|-----------------|----------------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 613 | TFL -61 -61P101B | TFL-61P101B-M01 | M01 | 1Y | | | T | | | | | | | | | | RLB | RLB-ELBO |
| 614 | TFL -61 -61P101B | TFL-61P101B-M01 | M01 | 1Y | | | | | I | | | | | | | | RLB | RLB-ELBO |
| 615 | TFL -61 -61P101B | TFL-61P101B-P01 | FUEL OIL SUPPLY PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI - INVB |
| 616 | TFL -61 -61P101B | TFL-61P101B-P01 | FUEL OIL SUPPLY PUMP | 6M | | | | | I | | | | | | I | | RLB | RLB-MLBO |
| 617 | TFL -61 -61P101B | TFL-61P101B-P01 | FUEL OIL SUPPLY PUMP | 2M | L | | L | | | | L | | L | | L | | RLB | RLB-MLBO |
| 618 | TFL -61 -61P101B | TFL-61P101B-P01 | FUEL OIL SUPPLY PUMP | 6M | | | I | | L | | | | I | | | | RLB | RLB-MLBO |
| 619 | TFL -61 -61P101B | TFL-61P101B-P01 | FUEL OIL SUPPLY PUMP | 2M | L | | L | | L | | L | | L | | | | RLB | RLB-MLBO |
| 620 | TFL -61 -61P102A | TFL-61P102A-M01 | M01 | 1Y | | | T | | | | | | | | | | RLB | RLB-ELBO |
| 621 | TFL -61 -61P102A | TFL-61P102A-M01 | M01 | 1Y | | | | | | | | | I | | | | RLB | RLB-ELBO |
| 622 | TFL -61 -61P102A | TFL-61P102A-P01 | OILY WATER PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI - INVB |
| 623 | TFL -61 -61P102A | TFL-61P102A-P01 | OILY WATER PUMP | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI - INVB |
| 624 | TFL -61 -61P102A | TFL-61P102A-P01 | OILY WATER PUMP | 6M | | I | | | | | I | | | | | | RLB | RLB-MLBO |
| 625 | TFL -61 -61P102A | TFL-61P102A-P01 | OILY WATER PUMP | 3M | L | | | | L | | | L | | | L | | RLB | RLB-MLBO |
| 626 | TFL -61 -61P102A | TFL-61P102A-P01 | OILY WATER PUMP | 6M | | I | | | | | I | | | | | | RLB | RLB-MLBO |
| 627 | TFL -61 -61P102B | TFL-61P102B-M01 | M01 | 1Y | | | T | | | | | | | | | | RLB | RLB-ELBO |
| 628 | TFL -61 -61P102B | TFL-61P102B-M01 | M01 | 1Y | | | | | | | | | I | | | | RLB | RLB-ELBO |
| 629 | TFL -61 -61P102B | TFL-61P102B-P01 | OILY WATER PUMP | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI - INVB |
| 630 | TFL -61 -61P102B | TFL-61P102B-P01 | OILY WATER PUMP | 6M | | | I | | | | | I | | | | | RLB | RLB-MLBO |
| 631 | TFL -61 -61P102B | TFL-61P102B-P01 | OILY WATER PUMP | 3M | | | L | | | L | | | L | | | L | RLB | RLB-MLBO |
| 632 | TFL -61 -61P102B | TFL-61P102B-P01 | OILY WATER PUMP | 6M | | | I | | | | | | I | | | | RLB | RLB-MLBO |
| 633 | TFL -61 -61P151A | TFL-61P151A-M01 | MOTOR FOR PUMP 61P151A | 1Y | | | | | | | I | | | | | | RLB | RLB-ELBO |
| 634 | TFL -E2D-MCC | TFL-61P151A-MCC | MCC FOR MOTOR 61P151A | 1Y | | I | | | | | | | | | | | RLB | RLB-ELBO |
| 635 | TFL -61 -61P151A | TFL-61P151A-P01 | TEMPERED WATER PUMP | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 636 | TFL -61 -61P151B | TFL-61P151B-M01 | MOTOR FOR PUMP 61P151B | 1Y | | | | | | | I | | | | | | RLB | RLB-ELBO |
| 637 | TFL -E2D-MCC | TFL-61P151B-MCC | MCC FOR MOTOR 61P151B | 1Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 638 | TFL -61 -61P151B | TFL-61P151B-P01 | TEMPERED WATER PUMP | 6M | | | I | | | | | | I | | | | RLB | RLB-MLBO |
| 639 | TFL -65 -DIVO | TFL-61P301-DIVO | DIVO | 1Y | | | | | | | | | | | | | RLB | RLB-ELBO |
| 640 | TFL -61 -61P301A | TFL-61P301A-EN1 | SCE DIESEL ENGINE FOAM MAIN PUMP | 6M | | | P | | | | | | P | | | | CES | CES-AUTO |
| 641 | TFL -61 -61P301A | TFL-61P301A-EN1 | SCE DIESEL ENGINE FOAM MAIN PUMP | 1M | I | I | I | I | I | I | I | I | I | I | I | I | RLB | RLB-ELBO |
| 642 | TFL -61 -61P301A | TFL-61P301A-P01 | FOAM MAIN PUMP | 3M | | I | | | I | | I | | | | I | | RLB | RLB-MLBO |
| 643 | TFL -61 -61P301A | TFL-61P301A-P01 | | | | | | | | | | | | | | | | |

PREVENTIVE MAINTENANCE YEARLY SCHEDULE
PLANT: LUBE YEAR: 2022

Form No.
Effective Date 29.12.2021
Revision 0

Legend Text : B = Program Back-up C = Calibrate F = Function Test H = Overhaul I = Inspect L = Lubricate M = Strategy Plan P = Preventive Q = Check oil quality
S = Service T = Stand by condition check U = Running condition check V = Verify

| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|------------------|-----------------|-----------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 647 | TFL -61 -61P301B | TFL-61P301B-M01 | M01 | 1Y | T | | | | | | | | | | | | RLB | RLB-ELBO |
| 648 | TFL -61 -61P301B | TFL-61P301B-M01 | M01 | 1Y | | | | | | | | | | | | | RLB | RLB-ELBO |
| 649 | TFL -61 -61P301B | TFL-61P301B-P01 | JOCKEY PUMP | 3M | | I | | | I | | | I | | | I | | RLB | RLB-MLBO |
| 650 | TFL -61 -61P301B | TFL-61P301B-P01 | JOCKEY PUMP | 3M | | L | | | L | | | L | | | L | | RLB | RLB-MLBO |
| 651 | TFL -61 -61P301B | TFL-61P301B-P01 | JOCKEY PUMP | 3M | | I | | | I | | | I | | | I | | RLB | RLB-MLBO |
| 652 | TFL -65 -DIVO | TFL-61P303-DIVO | DIVO | 1Y | | | | I | | | | | | | | | RLB | RLB-ELBO |
| 653 | TFL -65 -DIVO | TFL-61P304-DIVO | DIVO | 1Y | | | | I | | | | | | | | | RLB | RLB-ELBO |
| 654 | TFL -65 -DIVO | TFL-61P305-DIVO | DIVO | 1Y | | | | I | | | | | | | | | RLB | RLB-ELBO |
| 655 | TFL -65 -DIVO | TFL-61P306-DIVO | DIVO | 1Y | | | | I | | | | | | | | | RLB | RLB-ELBO |
| 656 | TFL -65 -DIVO | TFL-61P307-DIVO | DIVO | 1Y | | | | I | | | | | | | | | RLB | RLB-ELBO |
| 657 | TFL -65 -DIVO | TFL-61P308-DIVO | DIVO | 1Y | | | | I | | | | | | | | | RLB | RLB-ELBO |
| 658 | TFL -65 -DIVO | TFL-61P309-DIVO | DIVO | 1Y | | | | I | | | | | | | | | RLB | RLB-ELBO |
| 659 | TFL -65 -DIVO | TFL-61P310-DIVO | DIVO | 1Y | | | | I | | | | | | | | | RLB | RLB-ELBO |
| 660 | TFL -61 -61P505 | TFL-61P505-M01 | MOTOR FOR PUMP 61P505 | 1Y | | | I | | | | | | | | | | RLB | RLB-ELBO |
| 661 | TFL -61 -61P505 | TFL-61P505-M01 | MOTOR FOR PUMP 61P505 | 4M | | | L | | | | L | | | | L | | RLB | RLB-ELBO |
| 662 | TFL -61 -61P505 | TFL-61P505-M01 | MOTOR FOR PUMP 61P505 | 1Y | | | L | | I | | | | | | | | RLB | RLB-ELBO |
| 663 | TFL -61 -61P505 | TFL-61P505-P01 | Base Oil RAE 2030/4050 Pump | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 664 | TFL -61 -61P505 | TFL-61P505-P01 | Base Oil RAE 2030/4050 Pump | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 665 | TFL -61 -61P505 | TFL-61P505-P01 | Base Oil RAE 2030/4050 Pump | 6M | | | | | | L | | | | | | L | RLB | RLB-MLBO |
| 666 | TFL -61 -61P507 | TFL-61P507-P01 | 61P507 | 6M | | | | | | L | | | | | | L | RLB | RLB-MLBO |
| 667 | TFL -61 -61P508A | TFL-61P508A-M01 | MOTOR FOR PUMP 61P508A | 1Y | | | | T | | | | | | | | | RLB | RLB-ELBO |
| 668 | TFL -61 -61P508A | TFL-61P508A-M01 | MOTOR FOR PUMP 61P508A | 4M | | | L | | | | L | | | | L | | RLB | RLB-ELBO |
| 669 | TFL -61 -61P508A | TFL-61P508A-M01 | MOTOR FOR PUMP 61P508A | 1Y | | | | | | | | | I | | | | RLB | RLB-ELBO |
| 670 | TFL -61 -61P508A | TFL-61P508A-P01 | TDAE Marine Loading Pump | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 671 | TFL -61 -61P508A | TFL-61P508A-P01 | TDAE Marine Loading Pump | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 672 | TFL -61 -61P508A | TFL-61P508A-P01 | TDAE Marine Loading Pump | 6M | | | | | | L | | | | | | L | RLB | RLB-MLBO |
| 673 | TFL -61 -61P508B | TFL-61P508B-M01 | MOTOR FOR PUMP 61P508B | 1Y | | | T | | | | | | | | | | RLB | RLB-ELBO |
| 674 | TFL -61 -61P508B | TFL-61P508B-M01 | MOTOR FOR PUMP 61P508B | 4M | | | L | | | | L | | | | L | | RLB | RLB-ELBO |
| 675 | TFL -61 -61P508B | TFL-61P508B-M01 | MOTOR FOR PUMP 61P508B | 1Y | | | | | | | | | I | | | | RLB | RLB-ELBO |
| 676 | TFL -61 -61P508B | TFL-61P508B-P01 | TDAE Marine Loading Pump | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 677 | TFL -61 -61P508B | TFL-61P508B-P01 | TDAE Marine Loading Pump | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 678 | TFL -61 -61P508B | TFL-61P508B-P01 | TDAE Marine Loading Pump | 6M | | | | | | L | | | | | | L | RLB | RLB-MLBO |
| 679 | TFL -61 -61P509A | TFL-61P509A-M01 | MOTOR FOR PUMP 61P509A | 1Y | | | | I | | | | | | | | | RLB | RLB-ELBO |
| 680 | TFL -61 -61P509A | TFL-61P509A-M01 | MOTOR FOR PUMP 61P509A | 4M | | | L | | | | L | | | | L | | RLB | RLB-ELBO |

PREVENTIVE MAINTENANCE YEARLY SCHEDULE
PLANT: LUBE YEAR: 2022

Form No.
Effective Date 29.12.2021
Revision 0

Legend Text : B = Program Back-up C = Calibrate F = Function Test H = Overhaul I = Inspect L = Lubricate M = Strategy Plan P = Preventive Q = Check oil quality
S = Service T = Stand by condition check U = Running condition check V = Verify

| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|------------------|-----------------|--|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 681 | TFL -61 -61P509A | TFL-61P509A-M01 | MOTOR FOR PUMP 61P509A | 1Y | | | | | | | | | I | | | | RLB | RLB-ELBO |
| 682 | TFL -61 -61P509A | TFL-61P509A-P01 | E6080 Road Loading Pump | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 683 | TFL -61 -61P509A | TFL-61P509A-P01 | E6080 Road Loading Pump | 6M | | | | | | L | | | | | | L | RLB | RLB-MLBO |
| 684 | TFL -61 -61P509B | TFL-61P509B-M01 | MOTOR FOR PUMP 61P509A | 1Y | | | | | | | | | | | I | | RLB | RLB-ELBO |
| 685 | TFL -61 -61P509B | TFL-61P509B-M01 | MOTOR FOR PUMP 61P509A | 4M | | | | L | | | | L | | | | L | RLB | RLB-ELBO |
| 686 | TFL -E2D-MCC | TFL-61P509B-MCC | MCC MODULE FOR MOTOR 61P509B | 1Y | | | | | | | | | I | | | | RLB | RLB-ELBO |
| 687 | TFL -61 -61P509B | TFL-61P509B-P01 | E6080 Road Loading Pump | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 688 | TFL -61 -61P509B | TFL-61P509B-P01 | E6080 Road Loading Pump | 6M | | | | | | L | | | | | | L | RLB | RLB-MLBO |
| 689 | TFL -61 -61P516 | TFL-61P516-M01 | MOTOR FOR PUMP 61P516 | 1Y | | | I | | | | | | | | | | RLB | RLB-ELBO |
| 690 | TFL -61 -61P516 | TFL-61P516-M01 | MOTOR FOR PUMP 61P516 | 1Y | | | | | | I | | | | | | | RLB | RLB-ELBO |
| 691 | TFL -61 -61P516 | TFL-61P516-P01 | 61P516 | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 692 | TFL -61 -61P516 | TFL-61P516-P01 | 61P516 | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 693 | TFL -61 -61P516 | TFL-61P516-P01 | 61P516 | 6M | | | | | | L | | | | | | L | RLB | RLB-MLBO |
| 694 | TFL -61 -61P520A | TFL-61P520A-P01 | CIRCUL SCRUBBER PUMP ASPHALT ODOR TREATM | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 695 | TFL -61 -61P520B | TFL-61P520B-P01 | CIRCUL SCRUBBER PUMP ASPHALT ODOR TREAT | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 696 | TFL -61 -61P521 | TFL-61P521-P01 | DRAINAGE PUMP OF ASPHALT ODOR TREATMENT | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 697 | TFL -61 -61P770A | TFL-61P770A-M | HS ATB(LUBE) Pump motor A | 3M | L | | | L | | | L | | | L | | | RLB | RLB-ELBO |
| 698 | TFL -61 -61P770A | TFL-61P770A-M | HS ATB(LUBE) Pump motor A | 1Y | | | | | | | | I | | | | | RLB | RLB-ELBO |
| 699 | TFL -61 -61P770A | TFL-61P770A-P01 | HS ATB(LUBE) Pump A | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 700 | TFL -61 -61P770A | TFL-61P770A-P01 | HS ATB(LUBE) Pump A | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 701 | TFL -61 -61P770A | TFL-61P770A-P01 | HS ATB(LUBE) Pump A | 6M | | | | | | L | | | | | | L | RLB | RLB-MLBO |
| 702 | TFL -61 -61P770B | TFL-61P770B | HS ATB(LUBE) Pump B | 3M | | L | | | L | | | L | | | L | | RLB | RLB-ELBO |
| 703 | TFL -61 -61P770B | TFL-61P770B | HS ATB(LUBE) Pump B | 1Y | | | | | | | | I | | | | | RLB | RLB-ELBO |
| 704 | TFL -61 -61P770B | TFL-61P770B-P01 | HS ATB(LUBE) Pump B | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 705 | TFL -61 -61P770B | TFL-61P770B-P01 | HS ATB(LUBE) Pump B | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 706 | TFL -61 -61P770B | TFL-61P770B-P01 | HS ATB(LUBE) Pump B | 6M | | | | | | L | | | | | | L | RLB | RLB-MLBO |
| 707 | TFL -61 -61P771 | TFL-61P771-M | Start up VGO Pump motor | 1Y | | | | | | | | I | | | | | RLB | RLB-ELBO |
| 708 | TFL -61 -61P771 | TFL-61P771-P01 | Start up VGO Pump | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 709 | TFL -61 -61P771 | TFL-61P771-P01 | Start up VGO Pump | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 710 | TFL -61 -61P771 | TFL-61P771-P01 | Start up VGO Pump | 6M | | | | | | L | | | | | | L | RLB | RLB-MLBO |
| 711 | TFL -61 -61T001 | TFL-61T001-T01 | ATB | 1Y | | | | | | | I | | | | | | IRI | IRI - INTP |
| 712 | TFL -61 -61T001 | TFL-61T001-T01 | ATB | 3M | | | I | | | I | | | I | | | I | RLB | RLB-MLBO |
| 713 | TFL -61 -61T002A | TFL-61T002A-T01 | 60 SN DISTILLATE | 1Y | | | | | | | I | | | | | | IRI | IRI - INTP |
| 714 | TFL -61 -61T002A | TFL-61T002A-T01 | 60 SN DISTILLATE | 3M | | I | | | I | | | I | | | I | | RLB | RLB-MLBO |

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|------------------|-----------------|-----------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 715 | TFL -61 -61T002B | TFL-61T002B-T01 | 60 SN DISTILLATE | 1Y | | | | | | I | | | | | | | IRI | IRI - INTP |
| 716 | TFL -61 -61T002B | TFL-61T002B-T01 | 60 SN DISTILLATE | 3M | I | | | I | | I | | | | I | | | RLB | RLB-MLBO |
| 717 | TFL -61 -61T003 | TFL-61T003-T01 | 150 SN DISTILLATE | 1Y | | | | | | I | | | | | | | IRI | IRI - INTP |
| 718 | TFL -61 -61T003 | TFL-61T003-T01 | 150 SN DISTILLATE | 3M | | I | | | I | | I | | | | | | RLB | RLB-MLBO |
| 719 | TFL -61 -61T004A | TFL-61T004A-T01 | 150 SN DISTILLATE | 1Y | | | | | | I | | | | | I | | IRI | IRI - INTP |
| 720 | TFL -61 -61T004A | TFL-61T004A-T01 | 150 SN DISTILLATE | 3M | I | | | I | | I | | | | I | | | RLB | RLB-MLBO |
| 721 | TFL -61 -61T004B | TFL-61T004B-T01 | 150 SN DISTILLATE | 1Y | | | | | | I | | | | | | | IRI | IRI - INTP |
| 722 | TFL -61 -61T004B | TFL-61T004B-T01 | 150 SN DISTILLATE | 3M | | I | | | I | | I | | | | I | | RLB | RLB-MLBO |
| 723 | TFL -61 -61T004C | TFL-61T004C-T01 | 150 SN DISTILLATE | 1Y | | | | | | I | | | | | | | IRI | IRI - INTP |
| 724 | TFL -61 -61T004C | TFL-61T004C-T01 | 150 SN DISTILLATE | 3M | | | I | | | I | | | I | | | I | RLB | RLB-MLBO |
| 725 | TFL -61 -61T005A | TFL-61T005A-T01 | "500 SN, 600 SN DISTILLATE" | 1Y | | | | | | I | | | | | | | IRI | IRI - INTP |
| 726 | TFL -61 -61T005A | TFL-61T005A-T01 | "500 SN, 600 SN DISTILLATE" | 3M | | | I | | | I | | | I | | | I | RLB | RLB-MLBO |
| 727 | TFL -61 -61T005B | TFL-61T005B-T01 | "500 SN, 600 SN DISTILLATE" | 1Y | | | | | | I | | | | | | | IRI | IRI - INTP |
| 728 | TFL -61 -61T005B | TFL-61T005B-T01 | "500 SN, 600 SN DISTILLATE" | 3M | | I | | | I | | I | | | | I | | RLB | RLB-MLBO |
| 729 | TFL -61 -61T005C | TFL-61T005C-T01 | "500 SN, 600 SN DISTILLATE" | 1Y | | | | | | I | | | | | | | IRI | IRI - INTP |
| 730 | TFL -61 -61T005C | TFL-61T005C-T01 | "500 SN, 600 SN DISTILLATE" | 3M | I | | | I | | I | | | | I | | | RLB | RLB-MLBO |
| 731 | TFL -61 -61T006A | TFL-61T006A-T01 | "500 SN, 600 SN DISTILLATE" | 1Y | | | | | | I | | | | | | | IRI | IRI - INTP |
| 732 | TFL -61 -61T006A | TFL-61T006A-T01 | "500 SN, 600 SN DISTILLATE" | 3M | I | | | I | | I | | | | I | | | RLB | RLB-MLBO |
| 733 | TFL -61 -61T006B | TFL-61T006B-T01 | "500 SN, 600 SN DISTILLATE" | 1Y | | | | | | I | | | | | | | IRI | IRI - INTP |
| 734 | TFL -61 -61T006B | TFL-61T006B-T01 | "500 SN, 600 SN DISTILLATE" | 3M | I | | | I | | I | | | | I | | | RLB | RLB-MLBO |
| 735 | TFL -61 -61T006C | TFL-61T006C-T01 | "500 SN, 600 SN DISTILLATE" | 1Y | | | | | | I | | | | | | | IRI | IRI - INTP |
| 736 | TFL -61 -61T006C | TFL-61T006C-T01 | "500 SN, 600 SN DISTILLATE" | 3M | I | | | I | | I | | | | I | | | RLB | RLB-MLBO |
| 737 | TFL -61 -61T006D | TFL-61T006D-T01 | "500 SN, 600 SN DISTILLATE" | 1Y | | | | | | I | | | | | | | IRI | IRI - INTP |
| 738 | TFL -61 -61T006D | TFL-61T006D-T01 | "500 SN, 600 SN DISTILLATE" | 3M | | I | | | I | | I | | | | I | | RLB | RLB-MLBO |
| 739 | TFL -61 -61T007A | TFL-61T007A-T01 | DEASPHALT OIL | 1Y | | | | | | I | | | | | | | IRI | IRI - INTP |
| 740 | TFL -61 -61T007A | TFL-61T007A-T01 | DEASPHALT OIL | 3M | I | | | | I | | I | | | | I | | RLB | RLB-MLBO |
| 741 | TFL -61 -61T007B | TFL-61T007B-T01 | DAO TANK | 1Y | | | | | | I | | | | | | | IRI | IRI - INTP |
| 742 | TFL -61 -61T007B | TFL-61T007B-T01 | DAO TANK | 3M | | I | | | I | | I | | | | I | | RLB | RLB-MLBO |
| 743 | TFL -61 -61T007C | TFL-61T007C-T01 | DAO TANK | 1Y | | | | | I | | | | | | | | IRI | IRI |

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|------------------|-----------------|-----------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 749 | TFL -61 -61T022 | TFL-61T022-T01 | 100 N RAFFINATE TANK | 1Y | | | | | | I | | | | | | | IRI | IRI - INTP |
| 750 | TFL -61 -61T022 | TFL-61T022-T01 | 100 N RAFFINATE TANK | 3M | I | | | I | | | I | | | I | | | RLB | RLB-MLBO |
| 751 | TFL -61 -61T023A | TFL-61T023A-T01 | 150 N RAFFINATE TANK | 1Y | | | | | I | | | | | | | | IRI | IRI - INTP |
| 752 | TFL -61 -61T023A | TFL-61T023A-T01 | 150 N RAFFINATE TANK | 3M | | I | | | I | | | | | | | | RLB | RLB-MLBO |
| 753 | TFL -61 -61T023B | TFL-61T023B-T01 | 150 N RAFFINATE TANK | 1Y | | | | | I | | | | | | | | IRI | IRI - INTP |
| 754 | TFL -61 -61T023B | TFL-61T023B-T01 | 150 N RAFFINATE TANK | 3M | | I | | | I | | | I | | | I | | RLB | RLB-MLBO |
| 755 | TFL -61 -61T024A | TFL-61T024A-T01 | 300 N RAFFINATE TANK | 1Y | | | | | I | | | | | | | | IRI | IRI - INTP |
| 756 | TFL -61 -61T024A | TFL-61T024A-T01 | 300 N RAFFINATE TANK | 3M | | | I | | | I | | | I | | | I | RLB | RLB-MLBO |
| 757 | TFL -61 -61T024B | TFL-61T024B-T01 | 300 N RAFFINATE TANK | 1Y | | | | | I | | | | | | | | IRI | IRI - INTP |
| 758 | TFL -61 -61T024B | TFL-61T024B-T01 | 300 N RAFFINATE TANK | 3M | | I | | | | I | | | | | I | | RLB | RLB-MLBO |
| 759 | TFL -61 -61T025A | TFL-61T025A-T01 | 500 N RAFFINATE TANK | 1Y | | | | | I | | | | | | | | IRI | IRI - INTP |
| 760 | TFL -61 -61T025A | TFL-61T025A-T01 | 500 N RAFFINATE TANK | 1Y | | | | I | | | | | | | | | RLB | RLB-MLBO |
| 761 | TFL -61 -61T025B | TFL-61T025B-T01 | 500 N RAFFINATE TANK | 1Y | | | | | I | | | | | | | | IRI | IRI - INTP |
| 762 | TFL -61 -61T025B | TFL-61T025B-T01 | 500 N RAFFINATE TANK | 3M | | I | | | | I | | | | | I | | RLB | RLB-MLBO |
| 763 | TFL -61 -61T025C | TFL-61T025C-T01 | 500 N RAFFINATE TANK | 1Y | | | | | I | | | | | | | | IRI | IRI - INTP |
| 764 | TFL -61 -61T025C | TFL-61T025C-T01 | 500 N RAFFINATE TANK | 3M | | I | | | | | I | | | | I | | RLB | RLB-MLBO |
| 765 | TFL -61 -61T026A | TFL-61T026A-T01 | 150 BS RAFFINATE TANK | 1Y | | | | | I | | | | | | | | IRI | IRI - INTP |
| 766 | TFL -61 -61T026A | TFL-61T026A-T01 | 150 BS RAFFINATE TANK | 3M | I | | | | I | | I | | | I | | | RLB | RLB-MLBO |
| 767 | TFL -61 -61T026B | TFL-61T026B-T01 | 150 BS RAFFINATE TANK | 1Y | | | | | I | | | | | | | | IRI | IRI - INTP |
| 768 | TFL -61 -61T026B | TFL-61T026B-T01 | 150 BS RAFFINATE TANK | 3M | | I | | | I | | | I | | | I | | RLB | RLB-MLBO |
| 769 | TFL -61 -61T026C | TFL-61T026C-T01 | 150 BS RAFFINATE TANK | 1Y | | | | | I | | | | | | | | IRI | IRI - INTP |
| 770 | TFL -61 -61T026C | TFL-61T026C-T01 | 150 BS RAFFINATE TANK | 3M | | | I | | | I | | | I | | | I | RLB | RLB-MLBO |
| 771 | TFL -61 -61T031 | TFL-61T031-T01 | 60 N PRODUCT TANK | 1Y | | | | | I | | | | | | | | IRI | IRI - INTP |
| 772 | TFL -61 -61T031 | TFL-61T031-T01 | 60 N PRODUCT TANK | 3M | | | | I | | I | | | I | | | I | RLB | RLB-MLBO |
| 773 | TFL -61 -61T032 | TFL-61T032-T01 | 100 N PRODUCT TANK | 1Y | | | | | I | | | | | | | | IRI | IRI - INTP |
| 774 | TFL -61 -61T032 | TFL-61T032-T01 | 100 N PRODUCT TANK | 3M | | | I | | | I | | | I | | | I | RLB | RLB-MLBO |
| 775 | TFL -61 -61T033A | TFL-61T033A-T01 | 150 N PRODUCT TANK | 1Y | | | | | I | | | | | | | | IRI | IRI - INTP |
| 776 | TFL -61 -61T033A | TFL-61T033A-T01 | 150 N PRODUCT TANK | 3M | I | | | | I | | I | | | I | | | RLB | RLB-MLBO |
| 777 | TFL -61 -61T033B | TFL-61T033B-T01 | 150 N PRODUCT TANK | 1Y | | | | | I | | | | | | | | IRI | IRI - INTP |
| 778 | TFL -61 -61T033B | TFL-61T033B-T01 | 150 N PRODUCT TANK | 3M | I | | | | I | | | | | | | | | |

PREVENTIVE MAINTENANCE YEARLY SCHEDULE
PLANT: LUBE YEAR: 2022

Form No.
Effective Date 29.12.2021
Revision 0

Legend Text : B = Program Back-up C = Calibrate F = Function Test H = Overhaul I = Inspect L = Lubricate M = Strategy Plan P = Preventive Q = Check oil quality
S = Service T = Stand by condition check U = Running condition check V = Verify

| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|------------------|-----------------|-----------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 783 | TFL -61 -61T034B | TFL-61T034B-T01 | 300 N PRODUCT TANK | 3M | | I | | | I | | | I | | | I | | RLB | RLB-MLBO |
| 784 | TFL -61 -61T035 | TFL-61T035-T01 | 300 SN PRODUCT TANK | 1Y | | | | | I | | | | | | | | IRI | IRI - INTP |
| 785 | TFL -61 -61T035 | TFL-61T035-T01 | 300 SN PRODUCT TANK | 3M | | | I | | | I | | | I | | | I | RLB | RLB-MLBO |
| 786 | TFL -61 -61T036A | TFL-61T036A-T01 | *500 SN, 600 SN* | 1Y | | | | | I | | | | | | | | IRI | IRI - INTP |
| 787 | TFL -61 -61T036A | TFL-61T036A-T01 | *500 SN, 600 SN* | 3M | | I | | | | | | I | | | I | | RLB | RLB-MLBO |
| 788 | TFL -61 -61T036B | TFL-61T036B-T01 | 500 N PRODUCT TANK | 1Y | | | | | I | | | | | | | | IRI | IRI - INTP |
| 789 | TFL -61 -61T036B | TFL-61T036B-T01 | 500 N PRODUCT TANK | 3M | | I | | | | I | | | | | I | | RLB | RLB-MLBO |
| 790 | TFL -61 -61T036C | TFL-61T036C-T01 | 500 N PRODUCT TANK | 1Y | | | | | I | | | | | | | | IRI | IRI - INTP |
| 791 | TFL -61 -61T036C | TFL-61T036C-T01 | 500 N PRODUCT TANK | 3M | I | | | I | | | I | | | | | | RLB | RLB-MLBO |
| 792 | TFL -61 -61T037A | TFL-61T037A-T01 | 150 BS PRODUCT TANK | 1Y | | | | | | I | | | | | | | IRI | IRI - INTP |
| 793 | TFL -61 -61T037A | TFL-61T037A-T01 | 150 BS PRODUCT TANK | 3M | | I | | | | I | | | | | I | | RLB | RLB-MLBO |
| 794 | TFL -61 -61T037B | TFL-61T037B-T01 | 150 BS PRODUCT TANK | 1Y | | | | | | I | | | | | | | IRI | IRI - INTP |
| 795 | TFL -61 -61T037B | TFL-61T037B-T01 | 150 BS PRODUCT TANK | 3M | I | | | | I | | | | | | I | | RLB | RLB-MLBO |
| 796 | TFL -61 -61T037C | TFL-61T037C-T01 | 150 BS PRODUCT TANK | 1Y | | | | | | | | I | | | | | IRI | IRI - INTP |
| 797 | TFL -61 -61T037C | TFL-61T037C-T01 | 150 BS PRODUCT TANK | 3M | I | | | | I | | | | | | I | | RLB | RLB-MLBO |
| 798 | TFL -61 -61T038A | TFL-61T038A-T01 | 500 N / 150 BS PRODUCT TANK | 1Y | | | | | | | | I | | | | | IRI | IRI - INTP |
| 799 | TFL -61 -61T038A | TFL-61T038A-T01 | 500 N / 150 BS PRODUCT TANK | 3M | I | | | | | | | | | | I | | RLB | RLB-MLBO |
| 800 | TFL -61 -61T038B | TFL-61T038B-T01 | 500 N / 150 BS PRODUCT TANK | 1Y | | | | | | | | I | | | | | IRI | IRI - INTP |
| 801 | TFL -61 -61T038B | TFL-61T038B-T01 | 500 N / 150 BS PRODUCT TANK | 3M | | I | | | | I | | | | | I | | RLB | RLB-MLBO |
| 802 | TFL -61 -61T051 | TFL-61T051-T01 | LIGHT EXTRACT TANK | 1Y | | | | | | | | I | | | | | IRI | IRI - INTP |
| 803 | TFL -61 -61T051 | TFL-61T051-T01 | LIGHT EXTRACT TANK | 3M | I | | | | I | | | | | | I | | RLB | RLB-MLBO |
| 804 | TFL -61 -61T052 | TFL-61T052-T01 | 300 N EXTRACT TANK | 1Y | | | | | I | | | | | | | | IRI | IRI - INTP |
| 805 | TFL -61 -61T052 | TFL-61T052-T01 | 300 N EXTRACT TANK | 3M | | | I | | | | | | I | | | I | RLB | RLB-MLBO |
| 806 | TFL -61 -61T053 | TFL-61T053-T01 | 150 BS EXTRACT TANK | 1Y | | | | | | | | I | | | | | IRI | IRI - INTP |
| 807 | TFL -61 -61T053 | TFL-61T053-T01 | 150 BS EXTRACT TANK | 3M | | | I | | | | | | I | | | I | RLB | RLB-MLBO |
| 808 | TFL -61 -61T054A | TFL-61T054A-T01 | 500 N EXTRACT TANK | 1Y | | | | | | | | I | | | | | IRI | IRI - INTP |
| 809 | TFL -61 -61T054A | TFL-61T054A-T01 | 500 N EXTRACT TANK | 3M | I | | | | I | | | | | | I | | RLB | RLB-MLBO |
| 810 | TFL -61 -61T054B | TFL-61T054B-T01 | 500 N EXTRACT TANK | 1Y | | | | | | | | I | | | | | IRI | IRI - INTP |
| 811 | TFL -61 -61T054B | TFL-61T054B-T01 | 500 N EXTRACT TANK | 3M | | I | | | | | | | | | I | | RLB | RLB-MLBO |
| 812 | TFL -61 -61T061A | TFL-61T061A-T01 | ASPHALTENE TANK | 1Y | | | | | | | | I | | | | | IRI | IRI - INTP |
| 813 | TFL -61 -61T061A | TFL-61T061A-T01 | ASPHALTENE TANK | 3M | I | | | | I | | | | | | I | | RLB | RLB-MLBO |
| 814 | TFL -61 -61T061B | TFL-61T061B-T01 | ASPHALTENE TANK | 1Y | | | | | | | | I | | | | | IRI | IRI - INTP |
| 815 | TFL -61 -61T061B | TFL-61T061B-T01 | ASPHALTENE TANK | 3M | I | | | | I | | | | | | I | | RLB | RLB-MLBO |
| 816 | TFL -61 -61T062A | TFL-61T062A-T01 | BLOWN ASPHALT (30/40) TANK | 1Y | | | | | | | | I | | | | | IRI | IRI - INTP |

PREVENTIVE MAINTENANCE YEARLY SCHEDULE
PLANT: LUBE YEAR: 2022

Form No.
Effective Date 29.12.2021
Revision 0

Legend Text : B = Program Back-up C = Calibrate F = Function Test H = Overhaul I = Inspect L = Lubricate M = Strategy Plan P = Preventive Q = Check oil quality
S = Service T = Stand by condition check U = Running condition check V = Verify

| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|------|------------------|-----------------|-----------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 817 | TFL -61 -61T062A | TFL-61T062A-T01 | BLOWN ASPHALT (30/40) TANK | 3M | | | I | | | I | | | I | | | I | RLB | RLB-MLBO |
| 818 | TFL -61 -61T062B | TFL-61T062B-T01 | BLOWN ASPHALT (30/40) TANK | 1Y | | | | | | | I | | | | | | IRI | IRI - INTP |
| 819 | TFL -61 -61T062B | TFL-61T062B-T01 | BLOWN ASPHALT (30/40) TANK | 3M | I | | | | I | | | | | | I | | RLB | RLB-MLBO |
| 820 | TFL -61 -61T063A | TFL-61T063A-T01 | BLOWN ASPHALT (60/70) TANK | 1Y | | | | | | | I | | | | | | IRI | IRI - INTP |
| 821 | TFL -61 -61T063A | TFL-61T063A-T01 | BLOWN ASPHALT (60/70) TANK | 3M | | | I | | | | | | I | | | I | RLB | RLB-MLBO |
| 822 | TFL -61 -61T063B | TFL-61T063B-T01 | BLOWN ASPHALT (60/70) TANK | 1Y | | | | | | | I | | | | | | IRI | IRI - INTP |
| 823 | TFL -61 -61T063B | TFL-61T063B-T01 | BLOWN ASPHALT (60/70) TANK | 3M | | I | | | | | | | I | | | I | RLB | RLB-MLBO |
| 824 | TFL -61 -61T064A | TFL-61T064A-T01 | BLOWN ASPHALT (60/70) TANK | 1Y | | | | | | | I | | | | | | IRI | IRI - INTP |
| 825 | TFL -61 -61T064A | TFL-61T064A-T01 | BLOWN ASPHALT (60/70) TANK | 3M | I | | | | I | | | | | | I | | RLB | RLB-MLBO |
| 826 | TFL -61 -61T064B | TFL-61T064B-T01 | BLOWN ASPHALT (60/70) TANK | 1Y | | | | | | | I | | | | | | IRI | IRI - INTP |
| 827 | TFL -61 -61T064B | TFL-61T064B-T01 | BLOWN ASPHALT (60/70) TANK | 3M | | | I | | | | | | I | | | I | RLB | RLB-MLBO |
| 828 | TFL -61 -61T064C | TFL-61T064C-T01 | BLOWN ASPHALT (60/70) TANK | 1Y | | | | | | | I | | | | | | IRI | IRI - INTP |
| 829 | TFL -61 -61T064C | TFL-61T064C-T01 | BLOWN ASPHALT (60/70) TANK | 3M | | | I | | | | | | I | | | I | RLB | RLB-MLBO |
| 830 | TFL -61 -61T065A | TFL-61T065A-T01 | ASPHALTENE | 1Y | | | | | | | | | I | | | | IRI | IRI - INTP |
| 831 | TFL -61 -61T065A | TFL-61T065A-T01 | ASPHALTENE | 3M | I | | | | I | | | | | | I | | RLB | RLB-MLBO |
| 832 | TFL -61 -61T065B | TFL-61T065B-T01 | ASPHALTENE | 1Y | | | | | | | | | I | | | | IRI | IRI - INTP |
| 833 | TFL -61 -61T065B | TFL-61T065B-T01 | ASPHALTENE | 15Y | I | | | | | | | | | | | | IRI | IRI - INTP |
| 834 | TFL -61 -61T065B | TFL-61T065B-T01 | ASPHALTENE | 3M | I | | | | I | | | | | | I | | RLB | RLB-MLBO |
| 835 | TFL -61 -61T071 | TFL-61T071-T01 | LIGHT SLOP OIL TANK | 1Y | | | | | | I | | | | | | | IRI | IRI - INTP |
| 836 | TFL -61 -61T071 | TFL-61T071-T01 | LIGHT SLOP OIL TANK | 3M | | | I | | | | | | | | | I | RLB | RLB-MLBO |
| 837 | TFL -61 -61T072A | TFL-61T072A-T01 | HEAVY SLOP OIL TANK | 1Y | | | | | | I | | | | | | | IRI | IRI - INTP |
| 838 | TFL -61 -61T072A | TFL-61T072A-T01 | HEAVY SLOP OIL TANK | 3M | I | | | | I | | | | | | I | | RLB | RLB-MLBO |
| 839 | TFL -61 -61T072B | TFL-61T072B-T01 | HEAVY SLOP OIL TANK | 1Y | | | | | | I | | | | | | | IRI | IRI - INTP |
| 840 | TFL -61 -61T072B | TFL-61T072B-T01 | HEAVY SLOP OIL TANK | 3M | | | I | | | | | | I | | | I | RLB | RLB-MLBO |
| 841 | TFL -61 -61T073A | TFL-61T073A-T01 | VR TANK | 1Y | | | | | | I | | | | | | | IRI | IRI - INTP |
| 842 | TFL -61 -61T073A | TFL-61T073A-T01 | VR TANK | 3M | | | I | | | | | | I | | | I | RLB | RLB-MLBO |
| 843 | TFL -61 -61T073B | TFL-61T073B-T01 | VR TANK | 1Y | | | | | | I | | | | | | | IRI | IRI - INTP |
| 844 | TFL -61 -61T073B | TFL-61T073B-T01 | VR TANK | 3M | | | I | | | | | | I | | | I | RLB | RLB-MLBO |
| 845 | TFL -61 -61T074 | TFL-61T074-T01 | SLOP OIL TANK | 1Y | | | | | | I | | | | | | | IRI | IRI - INTP |
| 846 | TFL -61 -61T074 | TFL-61T074-T01 | SLOP OIL TANK | 3M | | | I | | | | | | I | | | I | RLB | RLB-MLBO |
| 847 | TFL -61 -61T075A | TFL-61T075A-T01 | DCC FEED TANK | 1Y | | | | | | | | I | | | | | IRI | IRI - INTP |
| 848 | TFL -61 -61T075A | TFL-61T075A-T01 | DCC FEED TANK | 3M | | | I | | | | | | I | | | I | RLB | RLB-MLBO |
| 849 | TFL -61 -61T075B | TFL-61T075B-T01 | DCC FEED TANK | 1Y | | | | | | | | I | | | | | IRI | IRI - INTP |
| 850 | TFL -61 -61T075B | TFL-61T075B-T01 | DCC FEED TANK | 3M | | | I | | | | | | I | | | I | RLB | RLB-MLBO |

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| 851 | TFL -61 -61T076A | TFL-61T076A-T01 | FUEL OIL TANK | 1Y | | | | | | | I | | | | | | IRI | IRI - INTP |
| 852 | TFL -61 -61T076A | TFL-61T076A-T01 | FUEL OIL TANK | 3M | I | | | I | | | I | | | I | | | RLB | RLB-MLBO |
| 853 | TFL -61 -61T076B | TFL-61T076B-T01 | FUEL OIL TANK | 1Y | | | | | | | | I | | | | | IRI | IRI - INTP |
| 854 | TFL -61 -61T076B | TFL-61T076B-T01 | FUEL OIL TANK | 3M | | | I | | | I | | I | | | | | IRI | IRI - INTP |
| 855 | TFL -61 -61T077 | TFL-61T077-T01 | EXOL SLOP TANK | 1Y | | | | | | | I | | | | | I | RLB | RLB-MLBO |
| 856 | TFL -61 -61T077 | TFL-61T077-T01 | EXOL SLOP TANK | 3M | | | I | | | I | | I | | | | I | RLB | RLB-MLBO |
| 857 | TFL -61 -61T078 | TFL-61T078-T01 | SLACK WAX (150N) TANK | 1Y | | | | | | | I | | | | | | IRI | IRI - INTP |
| 858 | TFL -61 -61T078 | TFL-61T078-T01 | SLACK WAX (150N) TANK | 3M | I | | | I | | | | | | I | | | RLB | RLB-MLBO |
| 859 | TFL -61 -61T079 | TFL-61T079-T01 | SLACK WAX (OTHERS) TANK | 1Y | | | | | | | | I | | | | | IRI | IRI - INTP |
| 860 | TFL -61 -61T079 | TFL-61T079-T01 | SLACK WAX (OTHERS) TANK | 3M | | | I | | | I | | I | | | | I | RLB | RLB-MLBO |
| 861 | TFL -61 -61T102 | TFL-61T102-T01 | FUEL OIL DAY TANK | 1Y | | | | | | | I | | | | | | IRI | IRI - INTP |
| 862 | TFL -61 -61T102 | TFL-61T102-T01 | FUEL OIL DAY TANK | 3M | | | I | | | | | | | I | | I | RLB | RLB-MLBO |
| 863 | TFL -61 -61T034A | TFL-61TN034A-M01 | M01 | 4M | L | | | | L | | | | | L | | | RLB | RLB-ELBO |
| 864 | TFL -61 -61T034A | TFL-61TN034A-M01 | M01 | 1Y | | | | | I | | | | | | | | RLB | RLB-ELBO |
| 865 | TFL -61 -61T034A | TFL-61TN034A-M01 | M01 | 1Y | | | | | I | | | | | | | | RLB | RLB-ELBO |
| 866 | TFL -61 -61T034A | TFL-61TN034A-N01 | LUBE BLENDING AGITATOR | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI - INVB |
| 867 | TFL -61 -61T034A | TFL-61TN034A-N01 | LUBE BLENDING AGITATOR | 6M | | L | | L | | I | | L | | L | | I | RLB | RLB-MLBO |
| 868 | TFL -61 -61T034A | TFL-61TN034A-N01 | LUBE BLENDING AGITATOR | 2M | | L | | L | | L | | L | | | | L | RLB | RLB-MLBO |
| 869 | TFL -61 -61T034B | TFL-61TN034B-M01 | Motor for 61TN034B | 1Y | | | | | | | | | | | | | RLB | RLB-ELBO |
| 870 | TFL -E2D-MCC | TFL-61TN036C-MCC | MCC MODULE FOR MOTOR 61TN036C | 1Y | | | | | | | I | | | | | | RLB | RLB-ELBO |
| 871 | TFL -E2D-MCC | TFL-61TN037A-MCC | MCC MODULE FOR MOTOR 61TN037A | 1Y | | | | | | | I | | | | | | RLB | RLB-ELBO |
| 872 | TFL -E2D-MCC | TFL-61TN037A-MCC | MCC MODULE FOR MOTOR 61TN037A | 1Y | | | | | | | I | | | | | | RLB | RLB-ELBO |
| 873 | TFL -61 -61T037B | TFL-61TN037B-N01 | LUBE BLENDING AGITATOR | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI - INVB |
| 874 | TFL -61 -61T037B | TFL-61TN037B-N01 | LUBE BLENDING AGITATOR | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 875 | TFL -61 -61T037B | TFL-61TN037B-N01 | LUBE BLENDING AGITATOR | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 876 | TFL -E2D-MCC | TFL-61TN037C-MCC | MCC MODULE FOR MOTOR 61TN037C | 1Y | | | | | | I | | | | | | | RLB | RLB-ELBO |
| 877 | TFL -E2D-MCC | TFL-61TN037C-MCC | MCC MODULE FOR MOTOR 61TN037C | 1Y | | | | | | | I | | | | | | RLB | RLB-ELBO |
| 878 | TFL -61 -61T038A | TFL-61TN038A-M01 | MOTOR FOR AGITATOR 61TN038A | 1Y | | | | | | | I | | | | | | RLB | RLB-ELBO |
| 879 | TFL -E2D-MCC | TFL-61TN038A-MCC | MCC MODULE FOR MOTOR 61TN038A | 1Y | | | | | | I | | | | | | | RLB | RLB-ELBO |
| 880 | TFL -61 -61T051 | TFL-61TN051-M01 | MOTOR FOR AGITATOR 61TN051 | 1Y | | | </ | | | | | | | | | | | |

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| 885 | TFL -E2D-MCC | TFL-61TN052-MCC | MCC MODULE FOR MOTOR 61TN052 | 1Y | | | | | I | | | | | | | | RLB | RLB-ELBO |
| 886 | TFL -61 -61T053 | TFL-61TN053-M01 | M01 | 1Y | | | | | | T | | | | | | | RLB | RLB-ELBO |
| 887 | TFL -61 -61T053 | TFL-61TN053-M01 | M01 | 4M | L | | | | L | | | | L | | | | RLB | RLB-ELBO |
| 888 | TFL -61 -61T053 | TFL-61TN053-M01 | M01 | 1Y | | | | | | | | | I | | | | RLB | RLB-ELBO |
| 889 | TFL -61 -61T053 | TFL-61TN053-N01 | EXTRACT BLENDING AGITATOR | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI - INVB |
| 890 | TFL -61 -61T053 | TFL-61TN053-N01 | EXTRACT BLENDING AGITATOR | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 891 | TFL -61 -61T053 | TFL-61TN053-N01 | EXTRACT BLENDING AGITATOR | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 892 | TFL -61 -61T054 | TFL-61TN054A-M01 | M01 | 1Y | | | | | | T | | | | | | | RLB | RLB-ELBO |
| 893 | TFL -61 -61T054 | TFL-61TN054A-M01 | M01 | 4M | L | | | | L | | | | L | | | | RLB | RLB-ELBO |
| 894 | TFL -61 -61T054 | TFL-61TN054A-M01 | M01 | 1Y | | | | | | | | | I | | | | RLB | RLB-ELBO |
| 895 | TFL -61 -61T054 | TFL-61TN054A-N01 | EXTRACT BLENDING AGITATOR | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI - INVB |
| 896 | TFL -61 -61T054 | TFL-61TN054A-N01 | EXTRACT BLENDING AGITATOR | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 897 | TFL -61 -61T054 | TFL-61TN054A-N01 | EXTRACT BLENDING AGITATOR | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 898 | TFL -61 -61T054 | TFL-61TN054B-M01 | M01 | 1Y | T | | | | | | | | | | | | RLB | RLB-ELBO |
| 899 | TFL -61 -61T054 | TFL-61TN054B-M01 | M01 | 1Y | | | | | | | | | I | | | | RLB | RLB-ELBO |
| 900 | TFL -61 -61T054 | TFL-61TN054B-M01 | EXTRACT BLENDING AGITATOR | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI - INVB |
| 901 | TFL -61 -61T005C | TFL-61TN05B-N01 | 300 N DIST. AGITATOR(at 61T005C) | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI - INVB |
| 902 | TFL -61 -61T036C | TFL-61TN05C-M01 | M01 | 1Y | | | | | | I | | | | | | | RLB | RLB-ELBO |
| 903 | TFL -61 -61T036C | TFL-61TN05C-N01 | LUBE BLENDING AGITATOR(@Dike C 61T036C) | 2M | I | | I | | I | | I | | I | | | | IRI | IRI - INVB |
| 904 | TFL -61 -61T065A | TFL-61TN065A-M01 | M01 | 1Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 905 | TFL -61 -61T065A | TFL-61TN065A-M01 | M01 | 1Y | | | | | I | | | | | | | | RLB | RLB-ELBO |
| 906 | TFL -61 -61T065A | TFL-61TN065A-N01 | BLOW ASPHALT (60/70) AGITATOR | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI - INVB |
| 907 | TFL -61 -61T065A | TFL-61TN065A-N01 | BLOW ASPHALT (60/70) AGITATOR | 6M | | | | | I | | | | | | | I | RLB | RLB-MLBO |
| 908 | TFL -61 -61T065A | TFL-61TN065A-N01 | BLOW ASPHALT (60/70) AGITATOR | 2M | L | | L | | L | | L | | L | | L | | RLB | RLB-MLBO |
| 909 | TFL -61 -61T065B | TFL-61TN065B-M01 | M01 | 1Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 910 | TFL -61 -61T065B | TFL-61TN065B-M01 | M01 | 1Y | | | | | I | | | | | | | | RLB | RLB-ELBO |
| 911 | TFL -61 -61T065B | TFL-61TN065B-N01 | BLOW ASPHALT (60/70) AGITATOR | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI - INVB |
| 912 | TFL -61 -61T065B | TFL-61TN065B-N01 | BLOW ASPHALT (60/70) AGITATOR | 6M | | | | | | | | | | | I | | RLB | RLB-MLBO |
| 913 | TFL -61 -61T065B | TFL-61TN065B-N01 | BLOW ASPHALT (60/70) AGITATOR | 2M | L | | L | | L | | L | | L | | L | | RLB | RLB-MLBO |
| 914 | TFL -E2D-MCC | TFL-61TN083-MCC | MCC MODULE FOR MOTOR 61TN08 | | | | | | | | | | | | | | | |

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| 919 | TFL -61 -61T021 | TFL-61TN21-N01 | 60 N / 300 N RAFFINATE AGITATOR | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI - INVB |
| 920 | TFL -61 -61T021 | TFL-61TN21-N01 | 60 N / 300 N RAFFINATE AGITATOR | 6M | | | I | | | | | | I | | | | RLB | RLB-MLBO |
| 921 | TFL -61 -61T021 | TFL-61TN21-N01 | 60 N / 300 N RAFFINATE AGITATOR | 2M | L | | L | | L | | L | | L | | L | | RLB | RLB-MLBO |
| 922 | TFL -61 -61T023A | TFL-61TN23A-M01 | M01 | 1Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 923 | TFL -61 -61T023A | TFL-61TN23A-M01 | M01 | 1Y | | | | I | | | | | | | | | RLB | RLB-ELBO |
| 924 | TFL -61 -61T023A | TFL-61TN23A-N01 | 150 N RAFFINATE AGITATOR | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI - INVB |
| 925 | TFL -61 -61T023A | TFL-61TN23A-N01 | 150 N RAFFINATE AGITATOR | 6M | | | I | | | | | | I | | | | RLB | RLB-MLBO |
| 926 | TFL -61 -61T023A | TFL-61TN23A-N01 | 150 N RAFFINATE AGITATOR | 2M | L | | L | | L | | L | | L | | L | | RLB | RLB-MLBO |
| 927 | TFL -61 -61T023B | TFL-61TN23B-M01 | M01 | 1Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 928 | TFL -61 -61T023B | TFL-61TN23B-M01 | M01 | 1Y | | | | I | | | | | | | | | RLB | RLB-ELBO |
| 929 | TFL -61 -61T023B | TFL-61TN23B-N01 | 150 N RAFFINATE AGITATOR | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI - INVB |
| 930 | TFL -61 -61T023B | TFL-61TN23B-N01 | 150 N RAFFINATE AGITATOR | 6M | | | I | | | | | | I | | | | RLB | RLB-MLBO |
| 931 | TFL -61 -61T023B | TFL-61TN23B-N01 | 150 N RAFFINATE AGITATOR | 2M | L | | L | | L | | L | | L | | L | | RLB | RLB-MLBO |
| 932 | TFL -61 -61T024A | TFL-61TN24A-M01 | M01 | 1Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 933 | TFL -61 -61T024A | TFL-61TN24A-M01 | M01 | 1Y | | | | I | | | | | | | | | RLB | RLB-ELBO |
| 934 | TFL -61 -61T024A | TFL-61TN24A-N01 | 300 N RAFFINATE AGITATOR | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI - INVB |
| 935 | TFL -61 -61T024A | TFL-61TN24A-N01 | 300 N RAFFINATE AGITATOR | 6M | | | I | | | | | | I | | | | RLB | RLB-MLBO |
| 936 | TFL -61 -61T024A | TFL-61TN24A-N01 | 300 N RAFFINATE AGITATOR | 2M | L | | L | | L | | L | | L | | L | | RLB | RLB-MLBO |
| 937 | TFL -61 -61T024B | TFL-61TN24B-M01 | M01 | 1Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 938 | TFL -61 -61T024B | TFL-61TN24B-M01 | M01 | 1Y | | | | I | | | | | | | | | RLB | RLB-ELBO |
| 939 | TFL -61 -61T024B | TFL-61TN24B-N01 | 300 N RAFFINATE AGITATOR | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI - INVB |
| 940 | TFL -61 -61T024B | TFL-61TN24B-N01 | 300 N RAFFINATE AGITATOR | 6M | | | I | | | | | | I | | | | RLB | RLB-MLBO |
| 941 | TFL -61 -61T024B | TFL-61TN24B-N01 | 300 N RAFFINATE AGITATOR | 2M | L | | L | | L | | L | | L | | L | | RLB | RLB-MLBO |
| 942 | TFL -61 -61T025A | TFL-61TN25A-M01 | M01 | 1Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 943 | TFL -61 -61T025A | TFL-61TN25A-M01 | M01 | 1Y | | | | I | | | | | | | | | RLB | RLB-ELBO |
| 944 | TFL -61 -61T025A | TFL-61TN25A-N01 | 500 N RAFFINATE AGITATOR | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI - INVB |
| 945 | TFL -61 -61T025A | TFL-61TN25A-N01 | 500 N RAFFINATE AGITATOR | 6M | | | | I | | | | | | I | | | RLB | RLB-MLBO |
| 946 | TFL -61 -61T025A | TFL-61TN25A-N01 | 500 N RAFFINATE AGITATOR | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 947 | TFL -61 -61T025B | TFL-61TN25B-M01 | M01 | 1Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 948 | TFL -61 -61T025B | TFL-61 | | | | | | | | | | | | | | | | |

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| 953 | TFL -61 -61T025C | TFL-61TN25C-M01 | M01 | 1Y | | | | I | | | | | | | | | RLB | RLB-ELBO |
| 954 | TFL -61 -61T025C | TFL-61TN25C-N01 | 500 N RAFFINATE AGITATOR | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI- INVB |
| 955 | TFL -61 -61T025C | TFL-61TN25C-N01 | 500 N RAFFINATE AGITATOR | 6M | | | | I | | | | | | I | | | RLB | RLB-MLBO |
| 956 | TFL -61 -61T025C | TFL-61TN25C-N01 | 500 N RAFFINATE AGITATOR | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 957 | TFL -61 -61T026A | TFL-61TN26A-M01 | M01 | 1Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 958 | TFL -61 -61T026A | TFL-61TN26A-M01 | M01 | 1Y | | | | I | | | | | | | | | RLB | RLB-ELBO |
| 959 | TFL -61 -61T026B | TFL-61TN26B-M01 | M01 | 1Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 960 | TFL -61 -61T026B | TFL-61TN26B-M01 | M01 | 1Y | | | | I | | | | | | | | | RLB | RLB-ELBO |
| 961 | TFL -61 -61T026B | TFL-61TN26B-N01 | 150 BS RAFFINATE AGITATOR | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI- INVB |
| 962 | TFL -61 -61T026B | TFL-61TN26B-N01 | 150 BS RAFFINATE AGITATOR | 6M | | | | I | | | | | | I | | | RLB | RLB-MLBO |
| 963 | TFL -61 -61T026B | TFL-61TN26B-N01 | 150 BS RAFFINATE AGITATOR | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 964 | TFL -61 -61T026C | TFL-61TN26C-M01 | M01 | 1Y | I | | | | | | | | | | | | RLB | RLB-ELBO |
| 965 | TFL -61 -61T026C | TFL-61TN26C-M01 | M01 | 1Y | | | | I | | | | | | | | | RLB | RLB-ELBO |
| 966 | TFL -61 -61T026C | TFL-61TN26C-N01 | 150 BS RAFFINATE AGITATOR | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI- INVB |
| 967 | TFL -61 -61T026C | TFL-61TN26C-N01 | 150 BS RAFFINATE AGITATOR | 2M | | | | I | | | | | | I | | | RLB | RLB-MLBO |
| 968 | TFL -61 -61T026C | TFL-61TN26C-N01 | 150 BS RAFFINATE AGITATOR | 6M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 969 | TFL -61 -61T037B | TFL-61TN37B-M01 | M01 | 1Y | | | | | I | | | | | | | | RLB | RLB-ELBO |
| 970 | TFL -61 -61T037B | TFL-61TN37B-M01 | M01 | 4M | L | | | | L | | | | | L | | | RLB | RLB-ELBO |
| 971 | TFL -61 -61T037B | TFL-61TN37B-M01 | M01 | 1Y | | | | | | I | | | | | | | RLB | RLB-ELBO |
| 972 | TFL -E2C-MCC | TFL-61TN62A-MCC | MCC | 1Y | | | | | I | | | | | | | | RLB | RLB-ELBO |
| 973 | TFL -E2C-MCC | TFL-61TN62B-MCC | MCC | 1Y | | | | | I | | | | | | | | RLB | RLB-ELBO |
| 974 | TFL -E2C-MCC | TFL-61TN62B-MCC | MCC | 1Y | | | | | I | | | | | | | | RLB | RLB-ELBO |
| 975 | TFL -E2C-MCC | TFL-61TN63A-MCC | MCC | 1Y | | | | | I | | | | | | | | RLB | RLB-ELBO |
| 976 | TFL -E2C-MCC | TFL-61TN63B-MCC | MCC | 1Y | | | | | I | | | | | | | | RLB | RLB-ELBO |
| 977 | TFL -E2C-MCC | TFL-61TN64A-MCC | MCC | 1Y | | | | | I | | | | | | | | RLB | RLB-ELBO |
| 978 | TFL -E2C-MCC | TFL-61TN64B-MCC | MCC | 1Y | | | | | I | | | | | | | | RLB | RLB-ELBO |
| 979 | TFL -E2C-MCC | TFL-61TN64C-MCC | MCC | 1Y | | | | | I | | | | | | | | RLB | RLB-ELBO |
| 980 | TFL -61 -61T075A | TFL-61TN75A-M01 | M01 | 1Y | | | | | | T | | | | | | | RLB | RLB-ELBO |
| 981 | TFL -61 -61T075A | TFL-61TN75A-M01 | M01 | 1Y | | | | | | I | | | | | | | RLB | RLB-ELBO |
| 982 | TFL -61 -61T075A | TFL-61TN75A-M01 | M01 | 1Y | | | | | | | | | I | | | | RLB | RLB-ELBO |
| 983 | TFL -61 -61T075A | TFL-61TN75A-N01 | DCC FEED AGITATOR | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI- INVB |
| 984 | TFL -61 -61T075A | | | | | | | | | | | | | | | | | |

PREVENTIVE MAINTENANCE YEARLY SCHEDULE
PLANT: LUBE YEAR: 2022

Form No.
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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|-------|------------------|-----------------|---------------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 987 | TFL -61 -61T075B | TFL-61TN75B-M01 | M01 | 1Y | | | | | | I | | | | | | | RLB | RLB-ELBO |
| 988 | TFL -61 -61T075B | TFL-61TN75B-M01 | M01 | 1Y | | | | | | | | | I | | | | RLB | RLB-ELBO |
| 989 | TFL -61 -61T075B | TFL-61TN75B-M01 | DCC FEED AGITATOR | 2M | | I | | I | | I | | I | | I | | I | IRI | IRI-INVB |
| 990 | TFL -61 -61T075B | TFL-61TN75B-M01 | DCC FEED AGITATOR | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 991 | TFL -61 -61T075B | TFL-61TN75B-M01 | DCC FEED AGITATOR | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 992 | TFL -61 -61T076A | TFL-61TN76A-M01 | M01 | 1Y | | | | | I | | | | | | | | RLB | RLB-ELBO |
| 993 | TFL -61 -61T076A | TFL-61TN76A-M01 | M01 | 1Y | | | | | | | I | | | | | | RLB | RLB-ELBO |
| 994 | TFL -61 -61T076A | TFL-61TN76A-M01 | FUEL OIL AGITATOR | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 995 | TFL -61 -61T076A | TFL-61TN76A-M01 | FUEL OIL AGITATOR | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 996 | TFL -61 -61T076A | TFL-61TN76A-M01 | FUEL OIL AGITATOR | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 997 | TFL -61 -61T076B | TFL-61TN76B-M01 | M01 | 1Y | | | | | I | | | | | | | | RLB | RLB-ELBO |
| 998 | TFL -61 -61T076B | TFL-61TN76B-M01 | M01 | 1Y | | | | | | | I | | | | | | RLB | RLB-ELBO |
| 999 | TFL -61 -61T076B | TFL-61TN76B-M01 | FUEL OIL AGITATOR | 2M | I | | I | | I | | I | | I | | I | | IRI | IRI-INVB |
| 1,000 | TFL -61 -61T076B | TFL-61TN76B-M01 | FUEL OIL AGITATOR | 6M | | | | | | I | | | | | | I | RLB | RLB-MLBO |
| 1,001 | TFL -61 -61T076B | TFL-61TN76B-M01 | FUEL OIL AGITATOR | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MLBO |
| 1,002 | TFL -61 -61T063A | TFL-61TN81A-M01 | M01 | 4M | | L | | | | L | | | | L | | | RLB | RLB-ELBO |
| 1,003 | TFL -61 -61T063B | TFL-61TN81B-M01 | M01 | 4M | | L | | | | L | | | | L | | | RLB | RLB-ELBO |
| 1,004 | TFL -61 -61T064A | TFL-61TN82A-M01 | M01 | 4M | | L | | | | L | | | | L | | | RLB | RLB-ELBO |
| 1,005 | TFL -61 -61T064B | TFL-61TN82B-M01 | M01 | 4M | | L | | | | L | | | | L | | | RLB | RLB-ELBO |
| 1,006 | TFL -61 -61T064C | TFL-61TN82C-M01 | M01 | 4M | | L | | | | L | | | | L | | | RLB | RLB-ELBO |
| 1,007 | TFL -61 -61T083 | TFL-61TN83-M01 | MOTOR FOR AGITATOR 61TN83 | 1Y | | | | I | | | | | | | | | RLB | RLB-ELBO |
| 1,008 | TFL -61 -61T062A | TFL-61TN83A-M01 | M01 | 4M | | L | | | | L | | | | L | | | RLB | RLB-ELBO |
| 1,009 | TFL -61 -61T062B | TFL-61TN83B-M01 | M01 | 4M | | L | | | | L | | | | L | | | RLB | RLB-ELBO |
| 1,010 | TFL -61 -61T084 | TFL-61TN84-M01 | MOTOR FOR AGITATOR 61TN84 | 1Y | | | | I | | | | | | | | | RLB | RLB-ELBO |
| 1,011 | TFL -61 -61T085A | TFL-61TN85A-M01 | MOTOR FOR AGITATOR 61TN85A | 1Y | | | | | | I | | | | | | | RLB | RLB-ELBO |
| 1,012 | TFL -61 -61T085A | TFL-61TN85A-M01 | MOTOR FOR AGITATOR 61TN85A | 1Y | | | | I | | | | | | | | | RLB | RLB-ELBO |
| 1,013 | TFL -61 -61T085B | TFL-61TN85B-M01 | MOTOR FOR AGITATOR 61TN85B | 1Y | | | | | | I | | | | | | | RLB | RLB-ELBO |
| 1,014 | TFL -61 -61T085B | TFL-61TN85B-M01 | MOTOR FOR AGITATOR 61TN85B | 1Y | | | | I | | | | | | | | | RLB | RLB-ELBO |
| 1,015 | TFL -61 -61T085C | TFL-61TN85C-M01 | MOTOR FOR AGITATOR 61TN85C | 1Y | | | | | | I | | | | | | | RLB | RLB-ELBO |
| 1,016 | TFL -61 -61T085C | TFL-61TN85C-M01 | MOTOR FOR AGITATOR 61TN85C | 1Y | | | | I | | | | | | | | | RLB | RLB-ELBO |
| 1,017 | TFL -E2D-TFM | TFL-65MTR101 | 65MTR101 | 1Y | | | | | | | | | | | | Q | COH | COH-TRTL |
| 1,018 | TFL -E2D-TFM | TFL-65MTR101 | 65MTR101 | 2W | I | I | I | I | I | I | I | I | I | I | I | I | RLB | RLB-ELBO |
| 1,019 | TFL -E2D-TFM | TFL-65MTR102 | Transformer 6.3/0.4 KV 1600 kVA | 2W | I | I | I | I | I | I | I | I | I | I | I | I | RLB | RLB-ELBO |
| 1,020 | TFL -61 -61D101 | TFL-65PSV610004 | SV | 5Y | | I | | | | | | | | | | | RLB | RLB-MLBO |

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|-------|------------------|-------------------|--------------------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 1,021 | TFL -61 -61P101A | TFL-65PSV6110103 | SV OF 61P101A | 5Y | | | | | | I | | | | | | | RLB | RLB-MLBO |
| 1,022 | TFL -61 -61T101 | TFL-65PSV6110201A | SV OF 61T101 | 1Y | | | | | | | I | | | | | | IRI | IRI-INTP |
| 1,023 | TFL -61 -61T101 | TFL-65PSV6110201A | SV OF 61T101 | 1Y | | | | | | | I | | | | | | RLB | RLB-MLBO |
| 1,024 | TFL -61 -61T101 | TFL-65PSV6110201B | SV OF 61T101 | 1Y | | | | | | | I | | | | | | IRI | IRI-INTP |
| 1,025 | TFL -61 -61E101 | TFL-65PSV6110202 | SV OF 61E101 | 5Y | | I | | | | | | | | | | | RLB | RLB-MLBO |
| 1,026 | TFL -61 -61E054 | TFL-65PSV6110252 | SV | 5Y | | I | | | | | | | | I | | | RLB | RLB-MLBO |
| 1,027 | TFL -61 -61T024A | TFL-65PSV611703 | SV OF 61T024A R/D | 5Y | | | | | | I | | | | | | | RLB | RLB-MLBO |
| 1,028 | TFL -61 -61T024A | TFL-65PSV611704 | SV OF 61T024A SUCT | 5Y | | | | | | I | | | | | | | RLB | RLB-MLBO |
| 1,029 | TFL -61 -PRD | TFL-65PSV6120401 | SV OF LINE FOAM END PIPE | 5Y | | | | I | | | | | | | | | RLB | RLB-MLBO |
| 1,030 | TFL -61 -61P076A | TFL-65PSV612308 | SV OF 61P076A | 5Y | | | | | | I | | | | | | | RLB | RLB-MLBO |
| 1,031 | TFL -61 -61P055B | TFL-65PSV612508 | SV OF 61P055B | 5Y | | | | | | I | | | | | | | RLB | RLB-MLBO |
| 1,032 | TFL -61 -PRD | TFL-65PSV613102 | SV OF 61T032 R/D | 5Y | | | | | | I | | | | | | | RLB | RLB-MLBO |
| 1,033 | TFL -61 -61T038A | TFL-65PSV613604 | SV OF 61T038A SUCT | 5Y | | | | | | | I | | | | | | RLB | RLB-MLBO |
| 1,034 | TFL -61 -61P062A | TFL-65PSV614005 | SV OF 61P062A | 5Y | | | | | | | | | | | | I | RLB | RLB-MLBO |
| 1,035 | TFL -61 -PRD | TFL-65PSV6140201 | PRESSURE RELIEF DEVICE FOR PIPING | 5Y | | | | | | | I | | | | | | RLB | RLB-MLBO |
| 1,036 | TFL -61 -PRD | TFL-65PSV6140201 | PRESSURE RELIEF DEVICE FOR PIPING | 5Y | | | | | | | I | | | | | | RLB | RLB-MLBO |
| 1,037 | TFL -61 -61P063A | TFL-65PSV614103 | SV OF 61P063A | 5Y | | | | | | | | | | | | I | RLB | RLB-MLBO |
| 1,038 | TFL -61 -61T062A | TFL-65PSV614110 | SV OF 61T062A/B R/D | 5Y | | | | | | | | | | | I | | RLB | RLB-MLBO |
| 1,039 | TFL -61 -61P063A | TFL-65PSV614111 | SV OF 61P063A TO T/L | 5Y | | | | | | | | | | | I | | RLB | RLB-MLBO |
| 1,040 | TFL -61 -61P063B | TFL-65PSV614201 | SV OF 61T063B SUCT | 5Y | | | | | | | I | | | | | | RLB | RLB-MLBO |
| 1,041 | TFL -61 -61P064A | TFL-65PSV614205 | SV OF 61P064A | 5Y | | | | | | | | | | | I | | RLB | RLB-MLBO |
| 1,042 | TFL -61 -61E054 | TFL-65PSV615101 | SV OF 61E001 | 5Y | | | | I | | | | | | | | | RLB | RLB-MLBO |
| 1,043 | TFL -61 -61T080 | TFL-65PSV615102 | SV OF 61T080 | 1Y | | | | | | | I | | | | | | IRI | IRI-INTP |
| 1,044 | TFL -61 -61T080 | TFL-65PSV615102 | SV OF 61T080 | 1Y | | | | | | | I | | | | | | RLB | RLB-MLBO |
| 1,045 | TFL -61 -61T080 | TFL-65PSV615103 | SV OF 61T080 | 1Y | | | | | | | I | | | | | | IRI | IRI-INTP |
| 1,046 | TFL -61 -61T081 | TFL-65PSV615201 | SV OF 61T081 | 1Y | | | | | | | I | | | | | | IRI | IRI-INTP |
| 1,047 | TFL -61 -61T081 | TFL-65PSV615202 | SV OF 61T081 | 1Y | | | | | | | I | | | | | | IRI | IRI-INTP |
| 1,048 | TFL -61 -61T082 | TFL-65PSV615203 | SV OF 61T082(65PSV615203) | 1Y | | | | | | | I | | | | | | IRI | IRI-INTP |
| 1,049 | TFL -61 -61T082 | TFL-65PSV615204 | SV OF 61T082 | 1Y | | | | | | | I | | | | | | IRI | IRI-INTP |
| 1,050 | TFL -61 -PRD | TFL-65PSV619552 | PRESSURE RELIEF DEVICE FOR PIPING | 5Y | | | | I | | | | | | | | | RLB | RLB-MLBO |
| 1,051 | TFL -61 -PRD | TFL-65PSV619552 | PRESSURE RELIEF DEVICE FOR PIPING | 5Y | | | | I | | | | | | | | | RLB | RLB-MLBO |
| 1,052 | TFL -61 -PRD | TFL-65PSV619554 | PRESSURE RELIEF DEVICE FOR PIPING | 5Y | | | | I | | | | | | | | | RLB | RLB-MLBO |
| 1,053 | TFL -61 -PRD | TFL-65PSV619554 | PRESSURE RELIEF DEVICE FOR PIPING | 5Y | | | | I | | | | | | | | | RLB | RLB-MLBO |
| 1,054 | TFL -BDG-AIR | TFL-AIR-COND | AIR CONDITIONS MCC/CCR TANKFARM LUBE | 3M | | | P | | | P | | | P | | | P | RLB | RLB-ELBO |

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|-------|-------------------|------------------|--|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 1,055 | TFL -ASP-AIR | TFL-BDG-AIR-COND | AIR CONDITIONS ASPHALT TRUCK LOAD BDG. | 3M | | P | | | P | | | P | | | P | | RLB | RLB-ELBO |
| 1,056 | TFL -ASP-AIR | TFL-BDG-AIR-COND | AIR CONDITIONS ASPHALT TRUCK LOAD BDG. | 3M | | P | | | P | | | P | | | P | | RLB | RLB-ELBO |
| 1,057 | TFL -65 -CO2 | TFL-CO2 | CO2 | 1Y | | | I | | | | | | | | | | RLB | RLB-ELBO |
| 1,058 | TFL -CCR-DCS | TFL-DCS | DCS SYSTEM TFL AREA | 3M | | | I | | | I | | | I | | | I | CCS | CCS-SYS |
| 1,059 | TFL -CCR-DCS | TFL-DCS | DCS SYSTEM TFL AREA | 6M | | | I | | | | | | | | | | CCS | CCS-SYS |
| 1,060 | TFL -CCR-DCS | TFL-DCS | DCS SYSTEM TFL AREA | 3M | | | U | | | U | | | U | | | U | CCS | CCS-SYS |
| 1,061 | TFL -65 -FAL | TFL-FAL-PB | FAL-PB | 3M | I | | | I | | | I | | | I | | | RLB | RLB-ELBO |
| 1,062 | TFL -65 -FAL | TFL-FAL-PB | FAL-PB | 3M | I | | | I | | | I | | | I | | | RLB | RLB-ELBO |
| 1,063 | TFL -65 -FAL | TFL-FAL-PB | FAL-PB | 3M | I | | | I | | | I | | | I | | | RLB | RLB-ELBO |
| 1,064 | TFL -65 -FAL | TFL-FAL-SMOKE | SCE FAL-SMOKE | 6M | | | I | | | | | | I | | | | RLB | RLB-ELBO |
| 1,065 | TFL -65 -FAL | TFL-FAL-SMOKE | SCE FAL-SMOKE | 6M | | | I | | | | | | I | | | | RLB | RLB-ELBO |
| 1,066 | TFL -65 -FAL | TFL-FAL-SMOKE | SCE FAL-SMOKE | 6M | | | I | | | | | | I | | | | RLB | RLB-ELBO |
| 1,067 | TFL -61 -FLOW | TFL-F10008A | FLOW IND FG FROM 61E101 TO 61E102 | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,068 | TFL -61 -LUBE_T/L | TFL-FQ614401 | PCIMS OF METER 24 LUBE T/L LBOP | 1Y | | | | | | I | | | | | | | RLB | RLB-ILBO |
| 1,069 | TFL -61 -LUBE_T/L | TFL-FQ614402 | PCIMS OF METER 22 LUBE T/L LBOP | 1Y | | | | | | I | | | | | | | RLB | RLB-ILBO |
| 1,070 | TFL -61 -LUBE_T/L | TFL-FQ614403 | PCIMS OF METER 23 LUBE T/L LBOP | 1Y | | | | | | I | | | | | | | RLB | RLB-ILBO |
| 1,071 | TFL -61 -LUBE_T/L | TFL-FQ614501 | PCIMS OF METER 34 LUBE T/L LBOP | 1Y | | | | | | I | | | | | | | RLB | RLB-ILBO |
| 1,072 | TFL -61 -LUBE_T/L | TFL-FQ614502 | PCIMS OF METER 32 LUBE T/L LBOP | 1Y | | | | | | I | | | | | | | RLB | RLB-ILBO |
| 1,073 | TFL -61 -LUBE_T/L | TFL-FQ614503 | PCIMS OF METER 44 LUBE T/L LBOP | 1Y | | | | | | I | | | | | | | RLB | RLB-ILBO |
| 1,074 | TFL -61 -LUBE_T/L | TFL-FQ614601 | PCIMS OF METER 33 LUBE T/L LBOP | 1Y | | | | | | I | | | | | | | RLB | RLB-ILBO |
| 1,075 | TFL -61 -LUBE_T/L | TFL-FQ614603 | PCIMS OF METER 43 LUBE T/L LBOP | 1Y | | | | | | I | | | | | | | RLB | RLB-ILBO |
| 1,076 | TFL -61 -LUBE_T/L | TFL-FQ614604 | PCIMS OF METER 41 LUBE T/L LBOP | 1Y | | | | | | I | | | | | | | RLB | RLB-ILBO |
| 1,077 | TFL -61 -LUBE_T/L | TFL-FQ614701 | PCIMS OF METER 14 LUBE T/L LBOP | 1Y | | | | | | | | | I | | | | RLB | RLB-ILBO |
| 1,078 | TFL -61 -LUBE_T/L | TFL-FQ614703 | PCIMS OF METER 13 LUBE T/L LBOP | 1Y | | | | | | | | | I | | | | RLB | RLB-ILBO |
| 1,079 | TFL -61 -LUBE_T/L | TFL-FQ614704 | PCIMS OF METER 11 LUBE T/L LBOP | 1Y | | | | | | | | | I | | | | RLB | RLB-ILBO |
| 1,080 | TFL -61 -ASPH | TFL-FQ614801 | PCIMS OF METER 52 ASPH T/L LBOP | 1Y | | | | | | | | | I | | | | RLB | RLB-ILBO |
| 1,081 | TFL -61 -ASPH | TFL-FQ614802 | PCIMS OF METER 62 ASPH T/L LBOP | 1Y | | | | | | | | | I | | | | RLB | RLB-ILBO |
| 1,082 | TFL -61 -ASPH | TFL-FQ614803 | PCIMS OF METER 72 ASPH T/L LBOP | 1Y | | | | | | | | | I | | | | RLB | RLB-ILBO |
| 1,083 | TFL -61 -ASPH | TFL-FQ614804 | PCIMS OF METER 51 ASPH T/L LBOP | 1Y | | | | | | | | | I | | | | RLB | RLB-ILBO |
| 1,084 | TFL -61 -ASPH | TFL-FQ614805 | PCIMS OF METER 61 ASPH T/L LBOP | 1Y | | | | | | | | | I | | | | RLB | RLB-ILBO |
| 1,085 | TFL -61 -ASPH | TFL-FQ614806 | PCIMS OF METER 71 ASPH T/L LBOP | 1Y | | | | | | | | | I | | | | RLB | RLB-ILBO |
| 1,086 | TFL -61 -FLOW | TFL-FQ0004 | FLOW D/P TRANS OF WB TO VDU/DAU | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 1,087 | TFL -61 -FLOW | TFL-FQ0005 | FLOW D/P TRANS OF CPL TO U/T PLANT | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 1,088 | TFL -61 -FLOW | TFL-FQ0006 | FLOW D/P TRANS OF WDS FROM U/T PLANT | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |

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|-------|-----------------|---------------|--|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 1,089 | TFL -61 -FLOW | TFL-FQ0007 | FLOW D/P TRANS OF WS FROM COOLING TOWER | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 1,090 | TFL -61 -FLOW | TFL-FQ0008 | FLOW D/P TRANS OF INST AIR FROM U/T | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,091 | TFL -61 -FLOW | TFL-FQ0009 | FLOW D/P TRANS OF PLANT AIR FROM U/T | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,092 | TFL -61 -FLOW | TFL-FQ0010 | FLOW D/P TRANS OF NL TO TANKAGE AREA | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,093 | TFL -61 -FLOW | TFL-FQ0011 | FLOW D/P TRANS OF LPG FROM SPLITTER HDR | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,094 | TFL -61 -FLOW | TFL-FQ0369 | FLOW D/P TRANS OF H2 FROM EBSM | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,095 | TFL -61 -FLOW | TFL-FQ2001 | FLOW D/P TRANS OF SLOP OIL TO 69T011 | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,096 | TFL -61 -FLOW | TFL-FQ2002 | FLOW D/P TRANS LIGHT SLOP TO DESEL BLEND | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,097 | TFL -61 -FLOW | TFL-FQ2007 | FLOW D/P TRANS OF SOUR WATER TO SMS | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,098 | TFL -61 -FLOW | TFL-FQ2008 | FLOW D/P TRANS OF DCC FEED TO DCC UNIT | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,099 | TFL -61 -FLOW | TFL-FQ2011 | FLOW D/P TRANS OF FUEL OIL TO 69T071 | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 1,100 | TFL -61 -FLOW | TFL-FQ2012 | FLOW D/P TRANS OF SLACK WAX TO DCC UNIT | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 1,101 | TFL -61 -FLOW | TFL-FQ2013 | FLOW D/P TRANS OF SPENT CAUSTIC TO TANK | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 1,102 | TFL -61 -FLOW | TFL-FQ610101 | FLOW D/P TRANS ATB DISCH 61P001A/B | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,103 | TFL -61 -61H011 | TFL-FQ6101501 | FLOW TRANSMITTER | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,104 | TFL -61 -FLOW | TFL-FQ610201 | FLOW D/P TRANS SLOP OIL DISCH 61P071A/B | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,105 | TFL -61 -FLOW | TFL-FQ610401 | FLOW D/P TRANS DIST DISCH 61P002A/B | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,106 | TFL -61 -FLOW | TFL-FQ610801 | FLOW D/P TRANS DIST DISCH 61P002C/D | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,107 | TFL -61 -FLOW | TFL-FQ611001 | FLOW D/P TRANS DIST DISCH 61P004B | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,108 | TFL -61 -FLOW | TFL-FQ611002 | FLOW P/D METER DIST DISCH 61P004B | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,109 | TFL -61 -FLOW | TFL-FQ611003 | FLOW D/P TRANS DIST DISCH 61P004A | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,110 | TFL -61 -FLOW | TFL-FQ611004 | FLOW P/D METER DIST DISCH 61P004A | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,111 | TFL -61 -FLOW | TFL-FQ611101 | FLOW D/P TRANS SLOP OIL DISCH 61P072A/B | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,112 | TFL -61 -FLOW | TFL-FQ611901 | FLOW D/P TRANS RAFF DISCH 61P021A/B | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,113 | TFL -61 -FLOW | TFL-FQ612301 | FLOW D/P TRANS LIGHT EXTR 61P051A/B FROM | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,114 | TFL -61 -FLOW | TFL-FQ612302 | FLOW D/P TRANS VR VDU VR FROM | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,115 | TFL -61 -FLOW | TFL-FQ612303 | FLOW P/D METER ASPH FROM ASPHALTENE | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,116 | TFL -61 -FLOW | TFL-FQ612304 | FLOW D/P TRANS DO DCC UNIT DO FROM | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,117 | TFL -61 -FLOW | TFL-FQ612305 | FLOW D/P TRANS LCO DCC UNIT LCO FROM | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,118 | TFL -61 -FLOW | TFL-FQ612306 | FLOW D/P TRANS HQD 69T007 HQD FROM | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,119 | TFL -61 -FLOW | TFL-FQ612307 | FLOW D/P TRANS ATB 69T070A/B ATB FROM | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,120 | TFL -61 -FLOW | TFL-FQ612401 | FLOW P/D METER 300N EXTR DISCH 61P053A/B | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,121 | TFL -61 -FLOW | TFL-FQ612402 | FLOW P/D METER 150BS DISCH 61P053A/B | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,122 | TFL -61 -FLOW | TFL-FQ612601 | FLOW D/P TRANS SLOP OIL DISCH 61P074A/B | 1Y | | | | | | | | | | | V | | RLB | RLB-ILBO |

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|-------|-------------------|---------------|--|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 1,123 | TFL -61 -FLOW | TFL-F612701 | FLOW D/P TRANS DCC FEED DISCH 61P075A/B | 1Y | | | | | | | | | | | V | | RLB | RLB-ILBO |
| 1,124 | TFL -61 -FLOW | TFL-F612801 | FLOW D/P TRANS 60N PRODUCT DISCH 61P031 | 1Y | | | | | | | | | | | V | | RLB | RLB-ILBO |
| 1,125 | TFL -61 -FLOW | TFL-F612802 | FLOW D/P TRANS 300N DISCH 61P034A/B | 1Y | | | | | | | | | | | V | | RLB | RLB-ILBO |
| 1,126 | TFL -61 -FLOW | TFL-F612803 | FLOW MASS TRANS LUBE INLET 61T031 | 1Y | | | | | | | | | | | | V | RLB | RLB-ILBO |
| 1,127 | TFL -61 -FLOW | TFL-F612804 | FLOW MASS TRANS LUBE INLET 61T035 | 1Y | | | | | | | | | | | | V | RLB | RLB-ILBO |
| 1,128 | TFL -61 -FLOW | TFL-F612901 | FLOW D/P TRANS 150N DISCH 61P043A | 1Y | | | | | | | | | | | V | | RLB | RLB-ILBO |
| 1,129 | TFL -61 -FLOW | TFL-F612902 | FLOW D/P TRANS 150N PRODUCT DISCH 61P033 | 1Y | | | | | | | | | | | V | | RLB | RLB-ILBO |
| 1,130 | TFL -61 -FLOW | TFL-F613001 | FLOW D/P TRANS 300N DISCH 61P044A/B | 1Y | | | | | | | | | | | V | | RLB | RLB-ILBO |
| 1,131 | TFL -61 -FLOW | TFL-F613101 | FLOW D/P TRANS 100N DISCH 61P032A/B | 1Y | | | | | | | | | | | V | | RLB | RLB-ILBO |
| 1,132 | TFL -61 -FLOW | TFL-F613102 | FLOW D/P TRANS 100N PRODUCT DISCH 61P042 | 1Y | | | | | | | | | | | V | | RLB | RLB-ILBO |
| 1,133 | TFL -61 -FLOW | TFL-F613103 | FLOW MASS TRANS 100N INLET 61T032 | 1Y | | | | | | | | | | | | V | RLB | RLB-ILBO |
| 1,134 | TFL -61 -FLOW | TFL-F613301 | FLOW D/P TRANS 500N PRODUCT DISCH 61P036 | 1Y | | | | | | | | | | | | V | RLB | RLB-ILBO |
| 1,135 | TFL -61 -FLOW | TFL-F613302 | FLOW D/P TRANS 500N PRODUCT DISCH 61P046 | 1Y | | | | | | | | | | | | V | RLB | RLB-ILBO |
| 1,136 | TFL -61 -FLOW | TFL-F613501 | FLOW D/P TRANS 150BS DISCH 61P037A/B | 1Y | | | | | | | | | | | | V | RLB | RLB-ILBO |
| 1,137 | TFL -61 -FLOW | TFL-F613502 | FLOW D/P TRANS 150BS DISCH 61P047A/B | 1Y | | | | | | | | | | | | V | RLB | RLB-ILBO |
| 1,138 | TFL -61 -FLOW | TFL-F613703 | FLOW MASS TRANS SLACK WAX INLET 61T079 | 1Y | | | | | | | | | | | | V | RLB | RLB-ILBO |
| 1,139 | TFL -61 -61H051 | TFL-F613711 | FLOW TRANSMITTER | 1Y | | | | | | | | | | | V | | RLB | RLB-ILBO |
| 1,140 | TFL -61 -LUBE_T/L | TFL-F614401 | FLOW MASS TRANS OF METER 24 LUBE T/L | 6M | | V | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,141 | TFL -61 -LUBE_T/L | TFL-F614403 | FLOW MASS TRANS OF METER 23 LUBE T/L | 6M | | V | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,142 | TFL -61 -61H001B | TFL-F614452 | FLOW TRANSMITTER | 6M | | V | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,143 | TFL -61 -61H002B | TFL-F614454 | FLOW TRANSMITTER | 6M | | V | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,144 | TFL -61 -LUBE_T/L | TFL-F614501 | FLOW MASS TRANS OF METER 34 LUBE T/L | 6M | | V | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,145 | TFL -61 -LUBE_T/L | TFL-F614502 | FLOW MASS TRANS OF METER 32 LUBE T/L | 6M | | V | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,146 | TFL -61 -LUBE_T/L | TFL-F614503 | FLOW MASS TRANS OF METER 44 LUBE T/L | 6M | | V | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,147 | TFL -61 -61H004B | TFL-F614554 | FLOW TRANSMITTER | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,148 | TFL -61 -LUBE_T/L | TFL-F614601 | FLOW MASS TRANS OF METER 33 LUBE T/L | 6M | | V | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,149 | TFL -61 -LUBE_T/L | TFL-F614603 | FLOW MASS TRANS OF METER 43 LUBE T/L | 6M | | V | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,150 | TFL -61 -61H005B | TFL-F614652 | FLOW TRANSMITTER | 6M | | V | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,151 | TFL -61 -61H006B | TFL-F614654 | FLOW TRANSMITTER | 6M | | V | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,152 | TFL -61 -LUBE_T/L | TFL-F614701 | FLOW MASS TRANS OF METER 14 LUBE T/L | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,153 | TFL -61 -61H009B | TFL-F614702 | FLOW TRANSMITTER | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,154 | TFL -61 -LUBE_T/L | TFL-F614703 | FLOW MASS TRANS OF METER 13 LUBE T/L | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,155 | TFL -61 -LUBE_T/L | TFL-F614704 | FLOW MASS TRANS OF METER 11 LUBE T/L | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,156 | TFL -61 -61H010A | TFL-F614751 | FLOW TRANSMITTER | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|-------|------------------|---------------|--|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 1,157 | TFL -61 -61H010B | TFL-F614752 | FLOW TRANSMITTER | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,158 | TFL -61 -ASPH | TFL-F614801 | FLOW MASS TRANS OF METER 52 ASPH T/L | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,159 | TFL -61 -ASPH | TFL-F614802 | FLOW MASS TRANS OF METER 62 ASPH T/L | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,160 | TFL -61 -ASPH | TFL-F614803 | FLOW MASS TRANS OF METER 72 ASPH T/L | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,161 | TFL -61 -ASPH | TFL-F614804 | FLOW MASS TRANS OF METER 51 ASPH T/L | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,162 | TFL -61 -ASPH | TFL-F614805 | FLOW MASS TRANS OF METER 61 ASPH T/L | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,163 | TFL -61 -ASPH | TFL-F614806 | FLOW MASS TRANS OF METER 71 ASPH T/L | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,164 | TFL -61 -FLOW | TFL-F615101 | FLOW D/P TRANS PROPANE INLET 61T080 | 1Y | | | | | | | | | | | V | | RLB | RLB-ILBO |
| 1,165 | TFL -61 -FLOW | TFL-F615102 | FLOW D/P TRANS PROPANE DISCH 61P080 | 1Y | | | | | | | | | | | V | | RLB | RLB-ILBO |
| 1,166 | TFL -61 -FLOW | TFL-F615201 | FLOW D/P TRANS PROPANE DISCH 61P081 | 1Y | | | | | | | | | | | V | | RLB | RLB-ILBO |
| 1,167 | TFL -61 -FLOW | TFL-F615202 | FLOW D/P TRANS PROPANE DISCH 61P082A/B | 1Y | | | | | | | | | | | V | | RLB | RLB-ILBO |
| 1,168 | TFL -61 -FLOW | TFL-F615203 | FLOW D/P TRANS OF 61P090 | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,169 | TFL -61 -FLOW | TFL-F617501 | FLOW D/P TRANS N2 FROM OSBL N2 | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,170 | TFL -61 -CV | TFL-FV0369 | FLOW V/V FORM EBSM | 1Y | | | | | F | | | | | | | | RLB | RLB-ILBO |
| 1,171 | TFL -61 -CV | TFL-FV610101 | FLOW C/V ATB DISCH 61P001A/B | 1Y | | | | | | | | | | F | | | RLB | RLB-ILBO |
| 1,172 | TFL -61 -CV | TFL-FV610201 | FLOW C/V SLOP OIL DISCH 61P071A/B | 1Y | | | | | | | | | | F | | | RLB | RLB-ILBO |
| 1,173 | TFL -61 -CV | TFL-FV610401 | FLOW C/V DIST DISCH 61P002A/B | 1Y | | | | | | | | | | F | | | RLB | RLB-ILBO |
| 1,174 | TFL -61 -CV | TFL-FV610801 | FLOW C/V DIST DISCH 61P002C/D | 1Y | | | | | | | | | | F | | | RLB | RLB-ILBO |
| 1,175 | TFL -61 -CV | TFL-FV611001 | FLOW C/V DIST DISCH 61P004B | 1Y | | | | | | | | | | F | | | RLB | RLB-ILBO |
| 1,176 | TFL -61 -CV | TFL-FV611002 | FLOW C/V DIST DISCH 61P004B | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,177 | TFL -61 -CV | TFL-FV611003 | FLOW C/V DIST DISCH 61P004A | 1Y | | | | | | | | F | | | | | RLB | RLB-ILBO |
| 1,178 | TFL -61 -CV | TFL-FV611004 | FLOW C/V DIST DISCH 61P004A | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,179 | TFL -61 -CV | TFL-FV611101 | FLOW C/V SLOP OIL DISCH 61P072A/B | 1Y | | | | | | | | | | F | | | RLB | RLB-ILBO |
| 1,180 | TFL -61 -CV | TFL-FV611901 | FLOW C/V RAFF DISCH 61P021A/B | 1Y | | | | | | | | | | F | | | RLB | RLB-ILBO |
| 1,181 | TFL -61 -CV | TFL-FV612401 | FLOW C/V 300N EXTR DISCH 61P053A/B | 1Y | | | | | | | | F | | | | | RLB | RLB-ILBO |
| 1,182 | TFL -61 -CV | TFL-FV612402 | FLOW C/V 150BS EXTR DISCH 61P053A/B | 1Y | | | | | | | | F | | | | | RLB | RLB-ILBO |
| 1,183 | TFL -61 -CV | TFL-FV612601 | FLOW C/V SLOP OIL DISCH 61P074A/B | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,184 | TFL -61 -CV | TFL-FV612701 | FLOW C/V DCC FEED DISCH 61P075A/B | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,185 | TFL -61 -CV | TFL-FV612801 | FLOW C/V 60N PRODUCT DISCH 61P031 | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,186 | TFL -61 -CV | TFL-FV612802 | FLOW C/V 300N PRODUCT DISCH 61P034A/B | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,187 | TFL -61 -CV | TFL-FV612901 | FLOW C/V 150N PRODUCT DISCH 61P043A | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,188 | TFL -61 -CV | TFL-FV612902 | FLOW C/V 150N PRODUCT DISCH 61P033 | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,189 | TFL -61 -CV | TFL-FV613001 | FLOW C/V 300N PRODUCT DISCH 61P044A/B | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,190 | TFL -61 -CV | TFL-FV613101 | FLOW C/V 100N PRODUCT DISCH 61P032A/B | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |

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|-------|-------------------|---------------|--|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 1,191 | TFL -61 -CV | TFL-FV613102 | FLOW C/V 100N PRODUCT DISCH 61P042 | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,192 | TFL -61 -CV | TFL-FV613301 | FLOW C/V 500N PRODUCT DISCH 61P036 | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,193 | TFL -61 -CV | TFL-FV613302 | FLOW C/V 500N PRODUCT DISCH 61P046 | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,194 | TFL -61 -CV | TFL-FV613501 | FLOW C/V 150BS PRODUCT DISCH 61P037A/B | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,195 | TFL -61 -CV | TFL-FV613502 | FLOW C/V 150BS PRODUCT DISCH 61P047A/B | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,196 | TFL -61 -LUBE_T/L | TFL-FV614401 | FLOW 2-STEP V/V OF METER 24 LUBE T/L | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 1,197 | TFL -61 -LUBE_T/L | TFL-FV614402 | FLOW 2-STEP V/V OF METER 22 LUBE T/L | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 1,198 | TFL -61 -LUBE_T/L | TFL-FV614403 | FLOW 2-STEP V/V OF METER 23 LUBE T/L | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 1,199 | TFL -61 -LUBE_T/L | TFL-FV614501 | FLOW 2-STEP V/V OF METER 34 LUBE T/L | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 1,200 | TFL -61 -LUBE_T/L | TFL-FV614502 | FLOW 2-STEP V/V OF METER 32 LUBE T/L | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 1,201 | TFL -61 -LUBE_T/L | TFL-FV614503 | FLOW 2-STEP V/V OF METER 44 LUBE T/L | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 1,202 | TFL -61 -LUBE_T/L | TFL-FV614601 | FLOW 2-STEP V/V OF METER 33 LUBE T/L | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 1,203 | TFL -61 -LUBE_T/L | TFL-FV614603 | FLOW 2-STEP V/V OF METER 43 LUBE T/L | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 1,204 | TFL -61 -LUBE_T/L | TFL-FV614604 | FLOW 2-STEP V/V OF METER 41 LUBE T/L | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 1,205 | TFL -61 -LUBE_T/L | TFL-FV614701 | FLOW 2-STEP V/V OF METER 14 LUBE T/L | 1Y | | | | | | | | | F | | | | RLB | RLB-ILBO |
| 1,206 | TFL -61 -LUBE_T/L | TFL-FV614703 | FLOW 2-STEP V/V OF METER 13 LUBE T/L | 1Y | | | | | | | | | F | | | | RLB | RLB-ILBO |
| 1,207 | TFL -61 -LUBE_T/L | TFL-FV614704 | FLOW 2-STEP V/V OF METER 11 LUBE T/L | 1Y | | | | | | | | | F | | | | RLB | RLB-ILBO |
| 1,208 | TFL -61 -ASPH | TFL-FV614801 | FLOW 2-STEP V/V OF METER 52 ASPH T/L | 1Y | | | | | | | | | F | | | | RLB | RLB-ILBO |
| 1,209 | TFL -61 -ASPH | TFL-FV614802 | FLOW 2-STEP V/V OF METER 62 ASPH T/L | 1Y | | | | | | | | | F | | | | RLB | RLB-ILBO |
| 1,210 | TFL -61 -ASPH | TFL-FV614803 | FLOW 2-STEP V/V OF METER 72 ASPH T/L | 1Y | | | | | | | | | F | | | | RLB | RLB-ILBO |
| 1,211 | TFL -61 -ASPH | TFL-FV614804 | FLOW 2-STEP V/V OF METER 51 ASPH T/L | 1Y | | | | | | | | | F | | | | RLB | RLB-ILBO |
| 1,212 | TFL -61 -ASPH | TFL-FV614805 | FLOW 2-STEP V/V OF METER 61 ASPH T/L | 1Y | | | | | | | | | F | | | | RLB | RLB-ILBO |
| 1,213 | TFL -61 -ASPH | TFL-FV614806 | FLOW 2-STEP V/V OF METER 71 ASPH T/L | 1Y | | | | | | | | | F | | | | RLB | RLB-ILBO |
| 1,214 | TFL -61 -CV | TFL-FV615102 | FLOW C/V PROPANE DISCH 61P080 | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,215 | TFL -61 -CV | TFL-FV615201 | FLOW C/V PROPANE DISCH 61P081 | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,216 | TFL -61 -CV | TFL-FV615202 | FLOW C/V PROPANE DISCH 61P082A/B | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,217 | TFL -61 -CV | TFL-FV615203 | FLOW C/V OF 61P090 | 1Y | | | | | | | | | | F | | | RLB | RLB-ILBO |
| 1,218 | TFL -61 -QMI_CD | TFL-QD6101 | GAS DETECTOR OF 61P080 | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,219 | TFL -61 -QMI_CD | TFL-QD6101 | GAS DETECTOR OF 61P080 | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,220 | TFL -61 -QMI_CD | TFL-QD6101 | GAS DETECTOR OF 61P080 | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,221 | TFL -61 -QMI_CD | TFL-QD6102 | GAS DETECTOR OF 61T080 | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,222 | TFL -61 -QMI_CD | TFL-QD6103 | GAS DETECTOR OF 61T083 | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,223 | TFL -61 -QMI_CD | TFL-QD6104 | GAS DETECTOR OF 61P082A | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |
| 1,224 | TFL -61 -QMI_CD | TFL-QD6105 | GAS DETECTOR OF 61T081 | 4M | | | | V | | | | V | | | | V | CAN | CAN-Q25 |

PREVENTIVE MAINTENANCE YEARLY SCHEDULE
PLANT: LUBE YEAR: 2022

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Legend Text : B = Program Back-up C = Calibrate F = Function Test H = Overhaul I = Inspect L = Lubricate M = Strategy Plan P = Preventive Q = Check oil quality
S = Service T = Stand by condition check U = Running condition check V = Verify

| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|-------|--------------------|----------------|--|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 1,225 | TFL -65 -GROUND-LN | TFL-GROUND-LN | GROUND-LN | 1Y | | | | | P | | | | | | | | RLB | RLB-ELBO |
| 1,226 | TFL -61 -CV | TFL-HV615102 | SCE ON-OFF V/V LUBE LV-5101 INLET | 1Y | | | | | | | | | | I | | | RLB | RLB-ILBO |
| 1,227 | TFL -61 -CV | TFL-HV615102 | SCE ON-OFF V/V LUBE LV-5101 INLET | 5Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,228 | TFL -61 -CV | TFL-HV615102 | SCE ON-OFF V/V LUBE LV-5101 INLET | 1Y | | | | | | | | | | F | | | RLB | RLB-ILBO |
| 1,229 | TFL -61 -CV | TFL-HV615201 | ON-OFF V/V 61P080 | 1Y | | | | | | | | | | F | | | RLB | RLB-ILBO |
| 1,230 | TFL -61 -CV | TFL-HV615202 | ON-OFF V/V LRG 61T082 OUTLET | 1Y | | | | | | | | | | F | | | RLB | RLB-ILBO |
| 1,231 | TFL -OCR- INTERCOM | TFL-INTERCOM | INTERCOM AREA COR TFL | 1Y | | P | | | | | | | | | | | CES | CES-INST |
| 1,232 | TFL -61 -ASPH | TFL-LIS614801 | LEVEL S/W SLOP OIL 61T084 | 1Y | | | | | | | | | F | | | | RLB | RLB-ILBO |
| 1,233 | TFL -61 -61T083 | TFL-LS614601 | LEVEL S/W SLOP OIL 61T083 | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,234 | TFL -61 -61T105 | TFL-LSH10003 | LEVEL S/W OF 61T105 | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,235 | TFL -61 -61P080 | TFL-LSL615103 | LEVEL S/W OF 61P080 SEAL POT | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,236 | TFL -61 -61P081 | TFL-LSL615203 | LEVEL S/W OF 61P081 SEAL POT | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 1,237 | TFL -61 -61P082A | TFL-LSL615204A | LEVEL S/W OF 61P082A SEAL POT | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,238 | TFL -61 -61P082B | TFL-LSL615204B | LEVEL S/W OF 61P082B SEAL POT | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 1,239 | TFL -61 -61P090 | TFL-LSL615206 | LEVEL S/W OF 61P090 SEAL POT | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,240 | TFL -61 -61T080 | TFL-LSL615102 | SCE LEVEL S/W LRG 61T080 | 1Y | | | | | | | I | | | | | | RLB | RLB-ILBO |
| 1,241 | TFL -61 -61T080 | TFL-LSL615102 | SCE LEVEL S/W LRG 61T080 | 5Y | | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,242 | TFL -61 -61T001 | TFL-LT610101 | LEVEL TANK SERVO AR 61T001 | 1Y | | | | V | | | | | | | F | | RLB | RLB-ILBO |
| 1,243 | TFL -61 -61T071 | TFL-LT610201 | LEVEL TANK SERVO SLOP OIL 61T071 | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,244 | TFL -61 -61T002A | TFL-LT610301 | LEVEL TANK SERVO 60N/300N DIST 61T002A | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,245 | TFL -61 -61T002B | TFL-LT610302 | LEVEL TANK SERVO 60N/300N DIST 61T002B | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 1,246 | TFL -61 -61T003 | TFL-LT610401 | LEVEL TANK SERVO 100N DIST 61T003 | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,247 | TFL -61 -61T004A | TFL-LT610501 | LEVEL TANK SERVO 150N DIST 61T004A | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,248 | TFL -61 -61T004B | TFL-LT610502 | LEVEL TANK SERVO 150N DIST 61T004B | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 1,249 | TFL -61 -61T004C | TFL-LT610601 | LEVEL TANK SERVO 150N DIST 61T004C | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,250 | TFL -61 -61T005A | TFL-LT610701 | LEVEL TANK SERVO 300N DIST 61T005A | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,251 | TFL -61 -61T005B | TFL-LT610702 | LEVEL TANK SERVO 300N DIST 61T005B | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,252 | TFL -61 -61T005C | TFL-LT610801 | LEVEL TANK SERVO 300N DIST 61T005C | 1Y | V | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,253 | TFL -61 -61T006A | TFL-LT610901 | LEVEL TANK SERVO 500N DIST 61T006A | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,254 | TFL -61 -61T006B | TFL-LT610902 | LEVEL TANK SERVO 500N DIST 61T006B | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,255 | TFL -61 -61T006C | TFL-LT611001 | LEVEL TANK SERVO 500N DIST 61T006C | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,256 | TFL -61 -61T006D | TFL-LT611002 | LEVEL TANK SERVO 500N DIST 61T006D | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,257 | TFL -61 -61T102 | TFL-LT6110101 | LEVEL TANK RADAR FUEL OIL 61T102 | 1Y | | I | | | | | | | | | | | RLB | RLB-ILBO |
| 1,258 | TFL -61 -61T101 | TFL-LT6110201 | LEVEL D/P TRANS LRG 61T101 | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|-------|------------------|---------------|---------------------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 1,259 | TFL -61 -61E101 | TFL-LT6110202 | LEVEL TRANS LFG 61E101 | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,260 | TFL -61 -61E054 | TFL-LT6110252 | LEVEL TRANS OF 61E054 | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,261 | TFL -61 -61T072A | TFL-LT611101 | LEVEL TANK RADAR SLOP OIL 61T072A | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,262 | TFL -61 -61T072B | TFL-LT611102 | LEVEL TANK RADAR SLOP OIL 61T072B | 1Y | | | | | | | | | | | V | | RLB | RLB-ILBO |
| 1,263 | TFL -61 -61T073A | TFL-LT611201 | LEVEL TANK RADAR VR 61T073A | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 1,264 | TFL -61 -61T073B | TFL-LT611202 | LEVEL TANK RADAR VR 61T073B | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,265 | TFL -61 -61T077 | TFL-LT611301 | LEVEL TANK SERVO EXOL SLOP 61T077 | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,266 | TFL -61 -61T022 | TFL-LT611401 | LEVEL TANK SERVO 100M RAFF 61T022 | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,267 | TFL -61 -61T021 | TFL-LT611501 | LEVEL TANK SERVO 600N/300 RAFF 61T021 | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,268 | TFL -61 -61T023A | TFL-LT611601 | LEVEL TANK SERVO 15N RAFF 61T023A | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,269 | TFL -61 -61T023B | TFL-LT611602 | LEVEL TANK SERVO 15N RAFF 61T023B | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,270 | TFL -61 -61T024A | TFL-LT611701 | LEVEL TANK SERVO 300N RAFF 61T024A | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,271 | TFL -61 -61T024B | TFL-LT611702 | LEVEL TANK SERVO 300N RAFF 61T024B | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,272 | TFL -61 -61T025A | TFL-LT611801 | LEVEL TANK SERVO 500N RAFF 61T025A | 1Y | | | | | | | | | | | V | | RLB | RLB-ILBO |
| 1,273 | TFL -61 -61T025B | TFL-LT611802 | LEVEL TANK SERVO 500N RAFF 61T025B | 1Y | | | | | | | | | | | V | | RLB | RLB-ILBO |
| 1,274 | TFL -61 -61T025C | TFL-LT611901 | LEVEL TANK SERVO 500N RAFF 61T025C | 1Y | | | | | | | | | | | V | | RLB | RLB-ILBO |
| 1,275 | TFL -61 -61T026A | TFL-LT612001 | LEVEL TANK SERVO 150BS RAFF 61T026A | 1Y | | | | | | | | | | | V | | RLB | RLB-ILBO |
| 1,276 | TFL -61 -61T026B | TFL-LT612002 | LEVEL TANK SERVO 150BS RAFF 61T026B | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,277 | TFL -61 -61T026C | TFL-LT612101 | LEVEL TANK SERVO 150BS RAFF 61T026C | 1Y | | | | | | | | | | | V | | RLB | RLB-ILBO |
| 1,278 | TFL -61 -61T051 | TFL-LT612201 | LEVEL TANK SERVO LIGHT EXTRACT 61T051 | 1Y | | | | V | | | | | | | | V | RLB | RLB-ILBO |
| 1,279 | TFL -61 -61T076A | TFL-LT612301 | LEVEL TANK RADAR FUEL OIL 61T076A | 1Y | | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,280 | TFL -61 -61T076B | TFL-LT612302 | LEVEL TANK RADAR FUEL OIL 61T076B | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,281 | TFL -61 -61T052 | TFL-LT612401 | LEVEL TANK SERVO 300N EXTRACT 61T052 | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,282 | TFL -61 -61T053 | TFL-LT612402 | LEVEL TANK SERVO 150BS EXTRACT 61T053 | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,283 | TFL -61 -61T054A | TFL-LT612501 | LEVEL TANK RADAR 500N EXTRACT 61T054A | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,284 | TFL -61 -61T054B | TFL-LT612502 | LEVEL TANK RADAR 500N EXTRACT 61T054B | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,285 | TFL -61 -61T065A | TFL-LT6125101 | LEVEL TANK RADAR ASPH 60/70 61T065A | 3M | | | V | | | V | | | V | | | V | RLB | RLB-ILBO |
| 1,286 | TFL -61 -61T065B | TFL-LT6125102 | LEVEL TANK RADAR ASPH 60/70 61T065B | 3M | | | V | | | | | | | | | | | |

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[illegible]

PREVENTIVE MAINTENANCE YEARLY SCHEDULE
PLANT: LUBE YEAR: 2022

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Legend Text : B = Program Back-up C = Calibrate F = Function Test H = Overhaul I = Inspect L = Lubricate M = Strategy Plan P = Preventive Q = Check oil quality
S = Service T = Stand by condition check U = Running condition check V = Verify

| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|-------|------------------|----------------|---|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 1,327 | TFL -61 -61T002A | TFL-PCV610301 | PRESSURE SELF C/V OF 61T002A | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,328 | TFL -61 -61T002B | TFL-PCV610302 | PRESSURE SELF C/V OF 61T002B | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,329 | TFL -61 -61T003 | TFL-PCV610401 | PRESSURE SELF C/V OF 61T003 | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,330 | TFL -61 -61T004A | TFL-PCV610501 | PRESSURE SELF C/V OF 61T004A | 1Y | | | | | F | | F | | | | | | RLB | RLB-ILBO |
| 1,331 | TFL -61 -61T004B | TFL-PCV610502 | PRESSURE SELF C/V OF 61T004B | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,332 | TFL -61 -61T004C | TFL-PCV610601 | PRESSURE SELF C/V OF 61T004C | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 1,333 | TFL -61 -61T005A | TFL-PCV610701 | PRESSURE SELF C/V OF 61T005A | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,334 | TFL -61 -61T005B | TFL-PCV610702 | PRESSURE SELF C/V OF 61T005B | 1Y | | | | | | | | F | | | | | RLB | RLB-ILBO |
| 1,335 | TFL -61 -61T005C | TFL-PCV610801 | PRESSURE SELF C/V OF 61T005C | 1Y | | | | | | | | F | | | | | RLB | RLB-ILBO |
| 1,336 | TFL -61 -61T006A | TFL-PCV610901 | PRESSURE SELF C/V OF 61T006A | 1Y | | | | | | F | | | F | | | | RLB | RLB-ILBO |
| 1,337 | TFL -61 -61T006B | TFL-PCV610902 | PRESSURE SELF C/V OF 61T006B | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 1,338 | TFL -61 -61T006C | TFL-PCV611001 | PRESSURE SELF C/V OF 61T006C | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 1,339 | TFL -61 -61T006D | TFL-PCV611002 | PRESSURE SELF C/V OF 61T006D | 1Y | | | | | | | | | F | | | | RLB | RLB-ILBO |
| 1,340 | TFL -61 -61T101 | TFL-PCV6110203 | PRESSURE REG VALVE OF 61T101 FG TO EBSM | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 1,341 | TFL -61 -61T077 | TFL-PCV611301 | PRESSURE SELF C/V OF 61T077 | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 1,342 | TFL -61 -61T022 | TFL-PCV611401 | PRESSURE SELF C/V OF 61T022 | 1Y | | | | | | | | | | F | | | RLB | RLB-ILBO |
| 1,343 | TFL -61 -61T021 | TFL-PCV611501 | PRESSURE SELF C/V OF 61T021 | 1Y | | | | | | | | | | F | | | RLB | RLB-ILBO |
| 1,344 | TFL -61 -61T023A | TFL-PCV611601 | PRESSURE SELF C/V OF 61T023A | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 1,345 | TFL -61 -61T023B | TFL-PCV611602 | PRESSURE SELF C/V OF 61T023B | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,346 | TFL -61 -61T024A | TFL-PCV611701 | PRESSURE SELF C/V OF 61T024A | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,347 | TFL -61 -61T024B | TFL-PCV611702 | PRESSURE SELF C/V OF 61T024B | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,348 | TFL -61 -61T025A | TFL-PCV611801 | PRESSURE SELF C/V OF 61T025A | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,349 | TFL -61 -61T025B | TFL-PCV611802 | PRESSURE SELF C/V OF 61T025B | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,350 | TFL -61 -61T025C | TFL-PCV611901 | PRESSURE SELF C/V OF 61T025C | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,351 | TFL -61 -61T026A | TFL-PCV612001 | PRESSURE SELF C/V OF 61T026A | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 1,352 | TFL -61 -61T026B | TFL-PCV612002 | PRESSURE SELF C/V OF 61T026B | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,353 | TFL -61 -61T026C | TFL-PCV612101 | PRESSURE SELF C/V OF 61T026C | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,354 | TFL -61 -61T031 | TFL-PCV612801 | PRESSURE SELF C/V OF 61T031 | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 1,355 | TFL -61 -61T035 | TFL-PCV612802 | PRESSURE SELF C/V OF 61T035 | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,356 | TFL -61 -61T033A | TFL-PCV612901 | PRESSURE SELF C/V OF 61T033A | 1Y | | | | | | | | | | F | | | RLB | RLB-ILBO |
| 1,357 | TFL -61 -61T033B | TFL-PCV612902 | PRESSURE SELF C/V OF 61T033B | 1Y | | | | | | | | | | F | | | RLB | RLB-ILBO |
| 1,358 | TFL -61 -61T034A | TFL-PCV613001 | PRESSURE SELF C/V OF 61T034A | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 1,359 | TFL -61 -61T034B | TFL-PCV613002 | PRESSURE SELF C/V OF 61T034B | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 1,360 | TFL -61 -61T032 | TFL-PCV613101 | PRESSURE SELF C/V OF 61T032 | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |

PREVENTIVE MAINTENANCE YEARLY SCHEDULE
PLANT: LUBE YEAR: 2022

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S = Service T = Stand by condition check U = Running condition check V = Verify

| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|-------|------------------|----------------|---|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 1,361 | TFL -61 -61T036A | TFL-PCV613201 | PRESSURE SELF C/V OF 61T036A | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,362 | TFL -61 -61T036B | TFL-PCV613202 | PRESSURE SELF C/V OF 61T036B | 1Y | | | | | | | | | F | | | | RLB | RLB-ILBO |
| 1,363 | TFL -61 -61T036C | TFL-PCV613301 | PRESSURE SELF C/V OF 61T036C | 1Y | | | | | F | | | | | | | | RLB | RLB-ILBO |
| 1,364 | TFL -61 -61T037A | TFL-PCV613401 | PRESSURE SELF C/V OF 61T037A | 1Y | | | | | F | | | | | | | | RLB | RLB-ILBO |
| 1,365 | TFL -61 -61T037B | TFL-PCV613402 | PRESSURE SELF C/V OF 61T037B | 1Y | | | | | | | | | F | | | | RLB | RLB-ILBO |
| 1,366 | TFL -61 -61T037C | TFL-PCV613501 | PRESSURE SELF C/V OF 61T037C | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 1,367 | TFL -61 -61T038A | TFL-PCV613601 | PRESSURE SELF C/V OF 61T038A | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 1,368 | TFL -61 -61T038B | TFL-PCV613602 | PRESSURE SELF C/V OF 61T038B | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 1,369 | TFL -61 -61T007A | TFL-PCV613801 | PRESSURE SELF C/V OF 61T007A | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,370 | TFL -61 -61T007B | TFL-PCV613802 | PRESSURE SELF C/V OF 61T007B | 1Y | | | | | F | | | | | | | | RLB | RLB-ILBO |
| 1,371 | TFL -61 -61T007C | TFL-PCV613901 | PRESSURE SELF C/V OF 61T007C | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,372 | TFL -61 -61T007D | TFL-PCV613902 | PRESSURE SELF C/V OF 61T007D | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,373 | TFL -61 -61D106 | TFL-PG0059 | PRESSURE GAUGE TO 61D106 | 3Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,374 | TFL -61 -61P080 | TFL-PSH615102 | PRESSURE S/W OF 61P080 SEAL POT | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,375 | TFL -61 -61P081 | TFL-PSH615203 | PRESSURE S/W OF 61P081 SEAL POT | 1Y | | | | | | | | | | | V | | RLB | RLB-ILBO |
| 1,376 | TFL -61 -61P082A | TFL-PSH615204A | PRESSURE S/W OF 61P082A SEAL POT | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,377 | TFL -61 -61P082B | TFL-PSH615204B | PRESSURE S/W OF 61P082B SEAL POT | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,378 | TFL -61 -61P090 | TFL-PSH615206 | PRESSURE S/W OF 61P090 SEAL POT | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,379 | TFL -61 -61P001A | TFL-PSL610101 | PRESSURE S/W ATB DISCH 61P001A/B | 1Y | | | | | | | | | | | V | | RLB | RLB-ILBO |
| 1,380 | TFL -61 -61P101A | TFL-PSL6110102 | PRESSURE S/W FUEL OIL DISCH 61P101A/B | 1Y | | | | | | | | | | | | V | RLB | RLB-ILBO |
| 1,381 | TFL -61 -PRESS | TFL-PT0006 | PRESSURE TRANS OF INST AIR FROM U/T | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 1,382 | TFL -61 -PRESS | TFL-PT0007 | PRESSURE TRANS OF N2 TO TANKAGE AREA | 1Y | | V | | | | | | | | | | | RLB | RLB-ILBO |
| 1,383 | TFL -61 -PRESS | TFL-PT0009 | PRESSURE TRANS OF WS FROM C/T | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,384 | TFL -61 -PRESS | TFL-PT610201 | PRESSURE TRANS SLOP OIL DISCH 61P083 | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,385 | TFL -61 -PRESS | TFL-PT6110101 | PRESSURE TRANS FUEL OIL INLET 61E103 | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,386 | TFL -61 -PRESS | TFL-PT6110201 | PRESSURE TRANS LPG 61T101 | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,387 | TFL -61 -PRESS | TFL-PT6110202 | PRESSURE TRANS LPG 61E101 | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,388 | TFL -61 -PRESS | TFL-PT6110252 | PRESSURE TRANS OF 61E054 | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,389 | TFL -61 -PRESS | TFL-PT611201 | PRESSURE TRANS VR DISCH 61P073A/B | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,390 | TFL -61 -PRESS | TFL-PT612201 | PRESSURE TRANS EXTR DISCH 61P051A/B | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,391 | TFL -61 -PRESS | TFL-PT612301 | PRESSURE TRANS FUEL OIL DISCH 61P076A/B | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,392 | TFL -61 -PRESS | TFL-PT612401 | PRESSURE TRANS EXTR DISCH 61P052A/B | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,393 | TFL -61 -PRESS | TFL-PT612402 | PRESSURE TRANS EXTR DISCH 61P053A/B | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,394 | TFL -61 -PRESS | TFL-PT612501 | PRESSURE TRANS EXTR DISCH 61P054A/B | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |

PREVENTIVE MAINTENANCE YEARLY SCHEDULE
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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|-------|-------------------|---------------|--|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 1,395 | TFL -61 -PRESS | TFL-PT612502 | PRESSURE TRANS EXTR DISCH 61P055A/B | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,396 | TFL -61 -PRESS | TFL-PT612803 | PRESSURE TRANS LUBE 61P055A/B | 1Y | | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,397 | TFL -61 -PRESS | TFL-PT612804 | PRESSURE TRANS LUBE 61P055A/B | 1Y | | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,398 | TFL -61 -PRESS | TFL-PT613103 | PRESSURE TRANS LUBE 61P055A/B | 1Y | | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,399 | TFL -61 -PRESS | TFL-PT613701 | PRESSURE TRANS SLACK WAX DISCH 61P078A/B | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,400 | TFL -61 -PRESS | TFL-PT613702 | PRESSURE TRANS SLACK WAX DISCH 61P079A/B | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,401 | TFL -61 -PRESS | TFL-PT613703 | PRESSURE TRANS WAX INLET 61T073 | 1Y | | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,402 | TFL -61 -PRESS | TFL-PT614001 | PRESSURE TRANS ASPH DISCH 61P062A/B | 1Y | | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,403 | TFL -61 -PRESS | TFL-PT614101 | PRESSURE TRANS ASPH DISCH 61P063A | 1Y | | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,404 | TFL -61 -PRESS | TFL-PT614102 | PRESSURE TRANS ASPH DISCH 61P063B | 1Y | | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,405 | TFL -61 -PRESS | TFL-PT614201 | PRESSURE TRANS ASPH DISCH 61P064A | 1Y | | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,406 | TFL -61 -PRESS | TFL-PT614202 | PRESSURE TRANS ASPH DISCH 61P064B | 1Y | | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,407 | TFL -61 -LUBE_T/L | TFL-PT614401 | PRESSURE TRANS 60N PROD INLET 61H001A | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,408 | TFL -61 -LUBE_T/L | TFL-PT614402 | PRESSURE TRANS 60N PROD INLET 61H001B | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,409 | TFL -61 -LUBE_T/L | TFL-PT614403 | PRESSURE TRANS 100N PROD INLET 61H002A | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,410 | TFL -61 -LUBE_T/L | TFL-PT614501 | PRESSURE TRANS 150N PROD INLET 61H003A | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,411 | TFL -61 -LUBE_T/L | TFL-PT614502 | PRESSURE TRANS 150N PROD INLET 61H003B | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,412 | TFL -61 -LUBE_T/L | TFL-PT614503 | PRESSURE TRANS OF METER 44 LUBE T/L | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,413 | TFL -61 -LUBE_T/L | TFL-PT614601 | PRESSURE TRANS 500N PROD INLET 61H005A | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,414 | TFL -61 -LUBE_T/L | TFL-PT614603 | PRESSURE TRANS 150BS PROD INLET 61H006A | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,415 | TFL -61 -LUBE_T/L | TFL-PT614604 | PRESSURE TRANS 150BS PROD INLET 61H006B | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,416 | TFL -61 -LUBE_T/L | TFL-PT614701 | PRESSURE TRANS SLACK WAX INLET 61H009A | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,417 | TFL -61 -LUBE_T/L | TFL-PT614703 | PRESSURE TRANS 500N EXTR INLET 61H007A | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,418 | TFL -61 -LUBE_T/L | TFL-PT614704 | PRESSURE TRANS 500N EXTR INLET 61H007B | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,419 | TFL -61 -ASPH | TFL-PT614801 | PRESSURE TRANS ASPH INLET 61H008A | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,420 | TFL -61 -ASPH | TFL-PT614802 | PRESSURE TRANS ASPH INLET 61H008B | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,421 | TFL -61 -ASPH | TFL-PT614803 | PRESSURE TRANS ASPH INLET 61H008C | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,422 | TFL -61 -ASPH | TFL-PT614804 | PRESSURE TRANS ASPH INLET 61H008D | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,423 | TFL -61 -ASPH | TFL-PT614805 | PRESSURE TRANS ASPH INLET 61H008E | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,424 | TFL -61 -ASPH | TFL-PT614806 | PRESSURE TRANS ASPH INLET 61H008F | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,425 | TFL -61 -PRESS | TFL-PT615101 | PRESSURE TRANS LPG INLET 61T080 | 1Y | | | | | | | | | | | V | | RLB | RLB-ILBO |
| 1,426 | TFL -61 -PRESS | TFL-PT615201 | PRESSURE TRANS LPG 61T081 | 1Y | | | | | | | | | | | V | | RLB | RLB-ILBO |
| 1,427 | TFL -61 -PRESS | TFL-PT615202 | PRESSURE TRANS LPG 61T082 | 1Y | | | | | | | | | | | V | | RLB | RLB-ILBO |
| 1,428 | TFL -61 -PRESS | TFL-PT617101 | PRESSURE TRANS STEAM FROM OSBL LP STEAM | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|-------|-------------------|-----------------|---|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 1,429 | TFL -61 -PRESS | TFL-PT617201 | PRESSURE TRANS STEAM FROM OSBL HP STEAM | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,430 | TFL -61 -PRESS | TFL-PT617202 | PRESSURE TRANS STEAM FROM OSBL HP STEAM | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,431 | TFL -61 -PRESS | TFL-PT619573 | PRESSURE TRANS OF 61P065A/B DISCH | 1Y | | | | | | | | | | | V | | RLB | RLB-ILBO |
| 1,432 | TFL -61 -CV | TFL-PV610201 | PRESSURE C/V SLOP OIL DISCH 61P083 | 1Y | | | | | | | | | | F | | | RLB | RLB-ILBO |
| 1,433 | TFL -61 -CV | TFL-PV6110101 | PRESSURE C/V FUEL OIL INLET 61E103 | 1Y | | | | | | | | | | F | | | RLB | RLB-ILBO |
| 1,434 | TFL -61 -CV | TFL-PV6110201 | PRESSURE C/V LPG 61T101 | 1Y | | | | | | | | | | F | | | RLB | RLB-ILBO |
| 1,435 | TFL -61 -CV | TFL-PV6110202 | PRESSURE C/V LPG 61E101 | 1Y | | | | | | | | | | F | | | RLB | RLB-ILBO |
| 1,436 | TFL -61 -CV | TFL-PV6110252 | PRESSURE C/V OF 61E054 | 1Y | | | | | | | | | | F | | | RLB | RLB-ILBO |
| 1,437 | TFL -61 -CV | TFL-PV611201 | PRESSURE C/V VR DISCH 61P073A/B | 1Y | | | | | | | | | | F | | | RLB | RLB-ILBO |
| 1,438 | TFL -61 -CV | TFL-PV612201 | PRESSURE C/V EXTR DISCH 61P051A/B | 1Y | | | | | | | | | | F | | | RLB | RLB-ILBO |
| 1,439 | TFL -61 -CV | TFL-PV612301 | PRESSURE C/V FUEL OIL DISCH 61P076A/B | 1Y | | | | | | | | | | F | | | RLB | RLB-ILBO |
| 1,440 | TFL -61 -CV | TFL-PV612401 | PRESSURE C/V EXTR DISCH 61P052A/B | 1Y | | | | | | | | | | F | | | RLB | RLB-ILBO |
| 1,441 | TFL -61 -CV | TFL-PV612402 | PRESSURE C/V EXTR DISCH 61P053A/B | 1Y | | | | | | | | | | F | | | RLB | RLB-ILBO |
| 1,442 | TFL -61 -CV | TFL-PV612501 | PRESSURE C/V EXTR DISCH 61P054A/B | 1Y | | | | | | | | | | F | | | RLB | RLB-ILBO |
| 1,443 | TFL -61 -CV | TFL-PV612502 | PRESSURE C/V EXTR DISCH 61P055A/B | 1Y | | | | | | | | | | F | | | RLB | RLB-ILBO |
| 1,444 | TFL -61 -CV | TFL-PV613701 | PRESSURE C/V SLACK WAX DISCH 61P078A/B | 1Y | | | | | | | | | | F | | | RLB | RLB-ILBO |
| 1,445 | TFL -61 -CV | TFL-PV613702 | PRESSURE C/V SLACK WAX DISCH 61P079A/B | 1Y | | | | | | | | | | F | | | RLB | RLB-ILBO |
| 1,446 | TFL -61 -CV | TFL-PV614001 | PRESSURE C/V ASPH DISCH 61P062A/B | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,447 | TFL -61 -CV | TFL-PV614101 | PRESSURE C/V ASPH DISCH 61P063A | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,448 | TFL -61 -CV | TFL-PV614102 | PRESSURE C/V ASPH DISCH 61P063B | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,449 | TFL -61 -CV | TFL-PV614201 | PRESSURE C/V ASPH DISCH 61P064A | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,450 | TFL -61 -CV | TFL-PV614202 | PRESSURE C/V ASPH DISCH 61P064B | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,451 | TFL -61 -CV | TFL-PV615101 | PRESSURE C/V LPG INLET 61T080 | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,452 | TFL -61 -CV | TFL-PV615201 | PRESSURE C/V LPG 61T081 | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,453 | TFL -61 -CV | TFL-PV615202 | PRESSURE C/V LPG 61T082 | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,454 | TFL -61 -CV | TFL-PV619573 | PRESSURE V/V OF 61P065A/B DISCH | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,455 | TFL -61 -T61T026A | TFL-T61T26A-N01 | 150 BS RAFFINATE AGITATOR | 6M | | | | I | | | | | | I | | | RLB | RLB-MBO |
| 1,456 | TFL -61 -T61T026A | TFL-T61T26A-N01 | 150 BS RAFFINATE AGITATOR | 2M | | L | | L | | L | | L | | L | | L | RLB | RLB-MBO |
| 1,457 | TFL -61 -61T001 | TFL-TCV610101 | TEMP SELF REGULATING V/V OF 61T001 | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,458 | TFL -61 -61T002A | TFL-TCV610301 | TEMP SELF REGULATING V/V OF 61T002A | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,459 | TFL -61 -61T002B | TFL-TCV610302 | TEMP SELF REGULATING V/V OF 61T002B | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,460 | TFL -61 -61T003 | TFL-TCV610401 | TEMP SELF REGULATING V/V OF 61T003 | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,461 | TFL -61 -61T004A | TFL-TCV610501 | TEMP SELF REGULATING V/V OF 61T004A | 1Y | | | | | F | | | | | | | | RLB | RLB-ILBO |
| 1,462 | TFL -61 -61T004B | TFL-TCV610502 | TEMP SELF REGULATING V/V OF 61T004B | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|-------|------------------|---------------|-------------------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 1,463 | TFL -61 -61T004C | TFL-TCV610601 | TEMP SELF REGULATING V/V OF 61T004C | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 1,464 | TFL -61 -61T005A | TFL-TCV610701 | TEMP SELF REGULATING V/V OF 61T005A | 1Y | | | | | | | | F | | | | | RLB | RLB-ILBO |
| 1,465 | TFL -61 -61T005B | TFL-TCV610702 | TEMP SELF REGULATING V/V OF 61T005B | 1Y | | | | | | | | | F | | | | RLB | RLB-ILBO |
| 1,466 | TFL -61 -61T005C | TFL-TCV610801 | TEMP SELF REGULATING V/V OF 61T005C | 1Y | | | | | | | | | F | | | | RLB | RLB-ILBO |
| 1,467 | TFL -61 -61T006A | TFL-TCV610901 | TEMP SELF REGULATING V/V OF 61T006A | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 1,468 | TFL -61 -61T006B | TFL-TCV610902 | TEMP SELF REGULATING V/V OF 61T006B | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 1,469 | TFL -61 -61T006C | TFL-TCV611001 | TEMP SELF REGULATING V/V OF 61T006C | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 1,470 | TFL -61 -61T006D | TFL-TCV611002 | TEMP SELF REGULATING V/V OF 61T006D | 1Y | | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,471 | TFL -61 -61T072A | TFL-TCV611101 | TEMP SELF REGULATING V/V OF 61T072A | 1Y | | | | | | | | | | F | | | RLB | RLB-ILBO |
| 1,472 | TFL -61 -61T072B | TFL-TCV611102 | TEMP SELF REGULATING V/V OF 61T072B | 1Y | | | | | | | | | | F | | | RLB | RLB-ILBO |
| 1,473 | TFL -61 -61T077 | TFL-TCV611301 | TEMP SELF REGULATING V/V OF 61T077 | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 1,474 | TFL -61 -61T022 | TFL-TCV611401 | TEMP SELF REGULATING V/V OF 61T022 | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,475 | TFL -61 -61T021 | TFL-TCV611501 | TEMP SELF REGULATING V/V OF 61T021 | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,476 | TFL -61 -61T023A | TFL-TCV611601 | TEMP SELF REGULATING V/V OF 61T023A | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,477 | TFL -61 -61T023B | TFL-TCV611602 | TEMP SELF REGULATING V/V OF 61T023B | 1Y | | | | | | | | | | | | F | RLB | RLB-ILBO |
| 1,478 | TFL -61 -61T024A | TFL-TCV611701 | TEMP SELF REGULATING V/V OF 61T024A | 1Y | | | | | | | | F | | | | | RLB | RLB-ILBO |
| 1,479 | TFL -61 -61T024B | TFL-TCV611702 | TEMP SELF REGULATING V/V OF 61T024B | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,480 | TFL -61 -61T025A | TFL-TCV611801 | TEMP SELF REGULATING V/V OF 61T025A | 1Y | | | | | | | | F | | | | | RLB | RLB-ILBO |
| 1,481 | TFL -61 -61T025B | TFL-TCV611802 | TEMP SELF REGULATING V/V OF 61T025B | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,482 | TFL -61 -61T025C | TFL-TCV611901 | TEMP SELF REGULATING V/V OF 61T025C | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,483 | TFL -61 -61T026A | TFL-TCV612001 | TEMP SELF REGULATING V/V OF 61T026A | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 1,484 | TFL -61 -61T026B | TFL-TCV612002 | TEMP SELF REGULATING V/V OF 61T026B | 1Y | | | | | | | | | | | | F | RLB | RLB-ILBO |
| 1,485 | TFL -61 -61T026C | TFL-TCV612101 | TEMP SELF REGULATING V/V OF 61T026C | 1Y | | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,486 | TFL -61 -61T051 | TFL-TCV612201 | TEMP SELF REGULATING V/V OF 61T051 | 1Y | F | F | | | | | | | | | | | RLB | RLB-ILBO |
| 1,487 | TFL -61 -61T052 | TFL-TCV612401 | TEMP SELF REGULATING V/V OF 61T052 | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 1,488 | TFL -61 -61T053 | TFL-TCV612402 | TEMP SELF REGULATING V/V OF 61T053 | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 1,489 | TFL -61 -61T054A | TFL-TCV612501 | TEMP SELF REGULATING V/V OF 61T054A | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 1,490 | TFL -61 -61T054B | TFL-TCV612502 | TEMP SELF REGULATING V/V OF 61T054B | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 1,491 | TFL -61 -61T075A | TFL-TCV612701 | TEMP SELF REGULATING V/V OF 61T075A | 1Y | | | F | | | | | | | | | | RLB | RLB-ILBO |
| 1,492 | TFL -61 -61T075B | TFL-TCV612702 | TEMP SELF REGULATING V/V OF 61T075B | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,493 | TFL -61 -61T035 | TFL-TCV612801 | TEMP SELF REGULATING V/V OF 61T035 | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,494 | TFL -61 -61T034A | TFL-TCV613001 | TEMP SELF REGULATING V/V OF 61T034A | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,495 | TFL -61 -61T034B | TFL-TCV613002 | TEMP SELF REGULATING V/V OF 61T034B | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,496 | TFL -61 -61T036A | TFL-TCV613201 | TEMP SELF REGULATING V/V OF 61T036A | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|-------|-------------------|---------------|---------------------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 1,497 | TFL -61 -61T036B | TFL-TCV613202 | TEMP SELF REGULATING V/V OF 61T036B | 1Y | | | | | | F | | | F | | | | RLB | RLB-ILBO |
| 1,498 | TFL -61 -61T036C | TFL-TCV613301 | TEMP SELF REGULATING V/V OF 61T036C | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 1,499 | TFL -61 -61T037A | TFL-TCV613401 | TEMP SELF REGULATING V/V OF 61T037A | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 1,500 | TFL -61 -61T037B | TFL-TCV613402 | TEMP SELF REGULATING V/V OF 61T037B | 1Y | | | | | | | | | F | | | | RLB | RLB-ILBO |
| 1,501 | TFL -61 -61T037C | TFL-TCV613501 | TEMP SELF REGULATING V/V OF 61T037C | 1Y | | F | | | | | | | | | | | RLB | RLB-ILBO |
| 1,502 | TFL -61 -61T038A | TFL-TCV613601 | TEMP SELF REGULATING V/V OF 61T038A | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 1,503 | TFL -61 -61T038B | TFL-TCV613602 | TEMP SELF REGULATING V/V OF 61T038B | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 1,504 | TFL -61 -61T078 | TFL-TCV613701 | TEMP SELF REGULATING V/V OF 61T078 | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 1,505 | TFL -61 -61T079 | TFL-TCV613702 | TEMP SELF REGULATING V/V OF 61T079 | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 1,506 | TFL -61 -61T007A | TFL-TCV613801 | TEMP SELF REGULATING V/V OF 61T007A | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,507 | TFL -61 -61T007B | TFL-TCV613802 | TEMP SELF REGULATING V/V OF 61T007B | 1Y | | | | | | F | | | | | | | RLB | RLB-ILBO |
| 1,508 | TFL -61 -61T007C | TFL-TCV613901 | TEMP SELF REGULATING V/V OF 61T007C | 1Y | F | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,509 | TFL -61 -61T007D | TFL-TCV613902 | TEMP SELF REGULATING V/V OF 61T007D | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,510 | TFL -61 -LUBE_T/L | TFL-TCV614601 | TEMP SELF C/V OF 61T083 LUBE T/L LBOP | 1Y | | | | | | | | | F | | | | RLB | RLB-ILBO |
| 1,511 | TFL -61 -61T001 | TFL-TE610101 | TEMP TANK ELEMENT OF 61T001 | 1Y | | | | I | | | | | | | | | RLB | RLB-ILBO |
| 1,512 | TFL -61 -61T071 | TFL-TE610201 | TEMP TANK ELEMENT OF 61T071 | 1Y | | | | | I | | | | | | | | RLB | RLB-ILBO |
| 1,513 | TFL -61 -61T002A | TFL-TE610301 | TEMP TANK ELEMENT OF 61T002A | 1Y | I | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,514 | TFL -61 -61T002B | TFL-TE610302 | TEMP TANK ELEMENT OF 61T002B | 1Y | | I | | | | | | | | | | | RLB | RLB-ILBO |
| 1,515 | TFL -61 -61T003 | TFL-TE610401 | TEMP TANK ELEMENT OF 61T003 | 1Y | I | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,516 | TFL -61 -61T004A | TFL-TE610501 | TEMP TANK ELEMENT OF 61T004A | 1Y | | | | | | | | I | | | | | RLB | RLB-ILBO |
| 1,517 | TFL -61 -61T004B | TFL-TE610502 | TEMP TANK ELEMENT OF 61T004B | 1Y | | I | | | | | | | | | | | RLB | RLB-ILBO |
| 1,518 | TFL -61 -61T004C | TFL-TE610601 | TEMP TANK ELEMENT OF 61T004C | 1Y | | | | | | | | | | I | | | RLB | RLB-ILBO |
| 1,519 | TFL -61 -61T005A | TFL-TE610701 | TEMP TANK ELEMENT OF 61T005A | 1Y | | | | I | | | | | | | | | RLB | RLB-ILBO |
| 1,520 | TFL -61 -61T005B | TFL-TE610702 | TEMP TANK ELEMENT OF 61T005B | 1Y | | | | | | | I | | | | | | RLB | RLB-ILBO |
| 1,521 | TFL -61 -61T005C | TFL-TE610801 | TEMP TANK ELEMENT OF 61T005C | 1Y | I | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,522 | TFL -61 -61T006A | TFL-TE610901 | TEMP TANK ELEMENT OF 61T006A | 1Y | | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,523 | TFL -61 -61T006B | TFL-TE610902 | TEMP TANK ELEMENT OF 61T006B | 1Y | | | | I | | | | | | | | | RLB | RLB-ILBO |
| 1,524 | TFL -61 -61T006C | TFL-TE611001 | TEMP TANK ELEMENT OF 61T006C | 1Y | | | | | I | | | | | | | | RLB | RLB-ILBO |
| 1,525 | TFL -61 -61T006D | TFL-TE611002 | TEMP TANK ELEMENT OF 61T006D | 1Y | | | | | | | | I | | | | | RLB | RLB-ILBO |
| 1,526 | TFL -61 -61T102 | TFL-TE6110101 | TEMP TANK ELEMENT OF 61T102 | 1Y | | I | | | | | | | | | | | RTP | RTP-ITP2 |
| 1,527 | TFL -61 -61T072A | TFL-TE611101 | TEMP TANK ELEMENT OF 61T072A | 1Y | | | | | | I | | | | | | | RLB | RLB-ILBO |
| 1,528 | TFL -61 -61T072B | TFL-TE611102 | TEMP TANK ELEMENT OF 61T072B | 1Y | | | | | | | | | | | I | | RLB | RLB-ILBO |
| 1,529 | TFL -61 -61T073A | TFL-TE611201 | TEMP TANK ELEMENT OF 61T073A | 1Y | | I | | | | | | | | | | | RLB | RLB-ILBO |
| 1,530 | TFL -61 -61T073B | TFL-TE611202 | TEMP TANK ELEMENT OF 61T073B | 1Y | | | | | | | I | | | | | | RLB | RLB-ILBO |

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|-------|------------------|---------------|------------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 1,531 | TFL -61 -61T077 | TFL-TE611301 | TEMP TANK ELEMENT OF 61T077 | 1Y | | | | | I | | | | | | | | RLB | RLB-ILBO |
| 1,532 | TFL -61 -61T022 | TFL-TE611401 | TEMP TANK ELEMENT OF 61T022 | 1Y | | | | | | | | | | I | | | RLB | RLB-ILBO |
| 1,533 | TFL -61 -61T021 | TFL-TE611501 | TEMP TANK ELEMENT OF 61T021 | 1Y | | | | | | | | | | I | | | RLB | RLB-ILBO |
| 1,534 | TFL -61 -61T023A | TFL-TE611601 | TEMP TANK ELEMENT OF 61T023A | 1Y | | | | | | | | | | I | | | RLB | RLB-ILBO |
| 1,535 | TFL -61 -61T023B | TFL-TE611602 | TEMP TANK ELEMENT OF 61T023B | 1Y | | | | | | | I | | | | | | RLB | RLB-ILBO |
| 1,536 | TFL -61 -61T024A | TFL-TE611701 | TEMP TANK ELEMENT OF 61T024A | 1Y | | | | | | | | | I | | | | RLB | RLB-ILBO |
| 1,537 | TFL -61 -61T024B | TFL-TE611702 | TEMP TANK ELEMENT OF 61T024B | 1Y | | | | | | | | I | | | | | RLB | RLB-ILBO |
| 1,538 | TFL -61 -61T025A | TFL-TE611801 | TEMP TANK ELEMENT OF 61T025A | 1Y | | | | | | | | | | I | | | RLB | RLB-ILBO |
| 1,539 | TFL -61 -61T025B | TFL-TE611802 | TEMP TANK ELEMENT OF 61T025B | 1Y | | | | | | | | | | I | | | RLB | RLB-ILBO |
| 1,540 | TFL -61 -61T025C | TFL-TE611901 | TEMP TANK ELEMENT OF 61T025C | 1Y | | | | | | | | | | I | | | RLB | RLB-ILBO |
| 1,541 | TFL -61 -61T026A | TFL-TE612001 | TEMP TANK ELEMENT OF 61T026A | 1Y | | | | | | | | | | I | | | RLB | RLB-ILBO |
| 1,542 | TFL -61 -61T026B | TFL-TE612002 | TEMP TANK ELEMENT OF 61T026B | 1Y | | | | | | | | | I | | | | RLB | RLB-ILBO |
| 1,543 | TFL -61 -61T026C | TFL-TE612101 | TEMP TANK ELEMENT OF 61T026C | 1Y | | | | | | | | | | I | | | RLB | RLB-ILBO |
| 1,544 | TFL -61 -61T051 | TFL-TE612201 | TEMP TANK ELEMENT OF 61T051 | 1Y | | | | I | | | | | | | | | RLB | RLB-ILBO |
| 1,545 | TFL -61 -61T076A | TFL-TE612301 | TEMP TANK ELEMENT OF 61T076A | 1Y | | | | | | | | | | I | | | RLB | RLB-ILBO |
| 1,546 | TFL -61 -61T076B | TFL-TE612302 | TEMP TANK ELEMENT OF 61T076B | 1Y | | | | I | | | | | | | | | RLB | RLB-ILBO |
| 1,547 | TFL -61 -61T052 | TFL-TE612401 | TEMP TANK ELEMENT OF 61T052 | 1Y | | | | I | | | | | | | | | RLB | RLB-ILBO |
| 1,548 | TFL -61 -61T053 | TFL-TE612402 | TEMP TANK ELEMENT OF 61T053 | 1Y | | | | | I | | | | | | | | RLB | RLB-ILBO |
| 1,549 | TFL -61 -61T054A | TFL-TE612501 | TEMP TANK ELEMENT OF 61T054A | 1Y | | | | | I | | | | | | | | RLB | RLB-ILBO |
| 1,550 | TFL -61 -61T054B | TFL-TE612502 | TEMP TANK ELEMENT OF 61T054B | 1Y | | | | | | I | | | | | | | RLB | RLB-ILBO |
| 1,551 | TFL -61 -61T065A | TFL-TE6125101 | TEMP TANK ELEMENT OF 61T065A | 3M | | | I | | | I | | | I | | | I | RLB | RLB-ILBO |
| 1,552 | TFL -61 -61T065B | TFL-TE6125102 | TEMP TANK ELEMENT OF 61T065B | 3M | | | I | | | I | | | I | | | I | RLB | RLB-ILBO |
| 1,553 | TFL -61 -61T074 | TFL-TE612601 | TEMP TANK ELEMENT OF 61T074 | 1Y | | | | | I | | | | | | | | RLB | RLB-ILBO |
| 1,554 | TFL -61 -61T075A | TFL-TE612701 | TEMP TANK ELEMENT OF 61T075A | 1Y | | I | | | | | | | | | | | RLB | RLB-ILBO |
| 1,555 | TFL -61 -61T075B | TFL-TE612702 | TEMP TANK ELEMENT OF 61T075B | 1Y | | | | | | | I | | | | | | RLB | RLB-ILBO |
| 1,556 | TFL -61 -61T031 | TFL-TE612801 | TEMP TANK ELEMENT OF 61T031 | 6M | | | I | | | | | | I | | | | RLB | RLB-ILBO |
| 1,557 | TFL -61 -61T035 | TFL-TE612802 | TEMP TANK ELEMENT OF 61T035 | 1Y | I | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,558 | TFL -61 -61T033A | TFL-TE612901 | TEMP TANK ELEMENT OF 61T033A | 6M | | | I | | | | | | I | | | | RLB | RLB-ILBO |
| 1,559 | TFL -61 -61T033B | TFL-TE612902 | TEMP TANK ELEMENT OF 61T033B | 6M | | | I | | | | | | I | | | | RLB | RLB-ILBO |
| 1,560 | TFL -61 -61T034A | TFL-TE613001 | TEMP TANK ELEMENT OF 61T034A | 6M | | | I | | | | | | I | | | | RLB | RLB-ILBO |
| 1,561 | TFL -61 -61T034B | TFL-TE613002 | TEMP TANK ELEMENT OF 61T034B | 1Y | | | | | | | | | I | | | | RLB | RLB-ILBO |
| 1,562 | TFL -61 -61T032 | TFL-TE613101 | TEMP TANK ELEMENT OF 61T032 | 6M | | | | | | | | | I | | | | RLB | RLB-ILBO |
| 1,563 | TFL -61 -61T036A | TFL-TE613201 | TEMP TANK ELEMENT OF 61T036A | 6M | | | I | | | | | | I | | | | RLB | RLB-ILBO |
| 1,564 | TFL -61 -61T036B | TFL-TE613202 | TEMP TANK ELEMENT OF 61T036B | 6M | | | I | | | | | | I | | | | RLB | RLB-ILBO |

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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|-------|------------------|---------------|---|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 1,565 | TFL -61 -61T036C | TFL-TE613301 | TEMP TANK ELEMENT OF 61T036C | 6M | | | I | | | | | | I | | | | RLB | RLB-ILBO |
| 1,566 | TFL -61 -61T037A | TFL-TE613401 | TEMP TANK ELEMENT OF 61T037A | 6M | | | I | | | | | | I | | | | RLB | RLB-ILBO |
| 1,567 | TFL -61 -61T037B | TFL-TE613402 | TEMP TANK ELEMENT OF 61T037B | 6M | | | I | | | | | | I | | | | RLB | RLB-ILBO |
| 1,568 | TFL -61 -61T037C | TFL-TE613501 | TEMP TANK ELEMENT OF 61T037C | 6M | | | I | | | | | | I | | | | RLB | RLB-ILBO |
| 1,569 | TFL -61 -61T038A | TFL-TE613601 | TEMP TANK ELEMENT OF 61T038A | 6M | | | I | | | | | | I | | | | RLB | RLB-ILBO |
| 1,570 | TFL -61 -61T038B | TFL-TE613602 | TEMP TANK ELEMENT OF 61T038B | 6M | | | I | | | | | | I | | | | RLB | RLB-ILBO |
| 1,571 | TFL -61 -61T078 | TFL-TE613701 | TEMP TANK ELEMENT OF 61T078 | 1Y | | I | | | | | | | | | | | RLB | RLB-ILBO |
| 1,572 | TFL -61 -61T079 | TFL-TE613702 | TEMP TANK ELEMENT OF 61T079 | 1Y | | I | | | | | | | | | | | RLB | RLB-ILBO |
| 1,573 | TFL -61 -61T007A | TFL-TE613801 | TEMP TANK ELEMENT OF 61T007A | 1Y | | | | | | | | I | | | | | RLB | RLB-ILBO |
| 1,574 | TFL -61 -61T007C | TFL-TE613901 | TEMP TANK ELEMENT OF 61T007C | 1Y | | | | | | | | I | | | | | RLB | RLB-ILBO |
| 1,575 | TFL -61 -61T007C | TFL-TE613901 | TEMP TANK ELEMENT OF 61T007C | 1Y | | | | | | | | I | | | | | RLB | RLB-ILBO |
| 1,576 | TFL -61 -61T007D | TFL-TE613902 | TEMP TANK ELEMENT OF 61T007D | 1Y | | | | | | | | I | | | | | RLB | RLB-ILBO |
| 1,577 | TFL -61 -61T061A | TFL-TE614001 | TEMP TANK ELEMENT OF 61T061A | 1Y | I | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,578 | TFL -61 -61T061B | TFL-TE614002 | TEMP TANK ELEMENT OF 61T061B | 1Y | | | | | | | I | | | | | | RLB | RLB-ILBO |
| 1,579 | TFL -61 -61T062A | TFL-TE614101 | TEMP TANK ELEMENT OF 61T062A | 3M | | | I | | | I | | | I | | | I | RLB | RLB-ILBO |
| 1,580 | TFL -61 -61T062B | TFL-TE614102 | TEMP TANK ELEMENT OF 61T062B | 3M | | | I | | | I | | | I | | | I | RLB | RLB-ILBO |
| 1,581 | TFL -61 -61T063A | TFL-TE614201 | TEMP TANK ELEMENT OF 61T063A | 3M | | | I | | | I | | | I | | | I | RLB | RLB-ILBO |
| 1,582 | TFL -61 -61T063B | TFL-TE614202 | TEMP TANK ELEMENT OF 61T063B | 3M | | | I | | | I | | | I | | | I | RLB | RLB-ILBO |
| 1,583 | TFL -61 -61T064A | TFL-TE614301 | TEMP TANK ELEMENT OF 61T064A | 3M | | | I | | | I | | | I | | | I | RLB | RLB-ILBO |
| 1,584 | TFL -61 -61T064B | TFL-TE614302 | TEMP TANK ELEMENT OF 61T064B | 3M | | | I | | | I | | | I | | | I | RLB | RLB-ILBO |
| 1,585 | TFL -61 -61T081 | TFL-TE615201 | TEMP TANK ELEMENT OF 61T081 | 1Y | I | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,586 | TFL -61 -61T082 | TFL-TE615202 | TEMP TANK ELEMENT OF 61T082 | 1Y | I | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,587 | TFL -61 -61T064C | TFL-TE619571 | TEMP TANK ELEMENT OF 61T064C | 3M | | | I | | | I | | | I | | | I | RLB | RLB-ILBO |
| 1,588 | TFL -61 -61T064D | TFL-TI0614801 | TEMP SELF CONTROL OF 61T084 ASPH T/L | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,589 | TFL -61 -TEMP | TFL-TT0007 | TEMP TRANS OF LPG FROM SPLITTER HDR | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,590 | TFL -61 -TEMP | TFL-TT610451 | TEMP TRANS OF DISCHARGE 61P002A/B | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,591 | TFL -61 -TEMP | TFL-TT610851 | TEMP TRANS OF DISCHARGE 61P002C/D | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,592 | TFL -61 -TEMP | TFL-TT611003 | TEMPTRANS DIST OUTLET 61N001 | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,593 | TFL -61 -61T102 | TFL-TT6110102 | TEMP TRANS FUEL OIL OUTLET 61E103 | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,594 | TFL -61 -TEMP | TFL-TT6110103 | TEMP TRANS OF 61E103 OUTLET | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,595 | TFL -61 -TEMP | TFL-TT611051 | *TEMP TRANS OF DISCHARGE 61P003, 61P004B* | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,596 | TFL -61 -TEMP | TFL-TT611052 | TEMP TRANS OF DISCHARGE 61P004A/B | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,597 | TFL -61 -61T073A | TFL-TT611203 | TEMP TRANS VR 61T073A | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,598 | TFL -61 -61T073B | TFL-TT611204 | TEMP TRANS VR 61T073B | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |

PREVENTIVE MAINTENANCE YEARLY SCHEDULE
PLANT: LUBE YEAR: 2022

Form No.
Effective Date 29.12.2021
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Legend Text : B = Program Back-up C = Calibrate F = Function Test H = Overhaul I = Inspect L = Lubricate M = Strategy Plan P = Preventive Q = Check oil quality
S = Service T = Stand by condition check U = Running condition check V = Verify

| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|-------|-------------------|---------------|--------------------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 1,599 | TFL -61 -TEMP | TFL-TT611951 | TEMP TRANS OF DISCHARGE 61P021A/B | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,600 | TFL -61 -61T076A | TFL-TT612303 | TEMP TRANS FUEL OIL 61T076A | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,601 | TFL -61 -61T076B | TFL-TT612304 | TEMP TRANS FUEL OIL 61T076B | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,602 | TFL -61 -TEMP | TFL-TT612503 | TEMP TRANS OF 61N003 | 1Y | | | V | | | | | | | | | | RLB | RLB-ILBO |
| 1,603 | TFL -61 -61T065A | TFL-TT6125103 | TEMP TRANS OF 61T065A | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,604 | TFL -61 -61T065B | TFL-TT6125104 | TEMP TRANS OF 61T065B | 1Y | | | | | | | | | | V | | | RLB | RLB-ILBO |
| 1,605 | TFL -61 -61T031 | TFL-TT612803 | TEMP TRANS OF 61T031 INLET | 1Y | | | | | | | | | | | | V | RLB | RLB-ILBO |
| 1,606 | TFL -61 -61T035 | TFL-TT612804 | TEMP TRANS OF 61T035 INLET | 1Y | | | | | | | | | | | | V | RLB | RLB-ILBO |
| 1,607 | TFL -61 -TEMP | TFL-TT613051 | TEMP TRANS OF DISCHARGE 61P044A/B | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,608 | TFL -61 -61T032 | TFL-TT613103 | TEMP TRANS OF 61T032 INLET | 1Y | | | | | | | | | | | | V | RLB | RLB-ILBO |
| 1,609 | TFL -61 -TEMP | TFL-TT613351 | TEMP TRANS OF DISCHARGE 61P036 | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,610 | TFL -61 -TEMP | TFL-TT613352 | TEMP TRANS OF DISCHARGE 61P046 | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,611 | TFL -61 -TEMP | TFL-TT613551 | TEMP TRANS OF DISCHARGE 61P037A/B | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,612 | TFL -61 -TEMP | TFL-TT613552 | TEMP TRANS OF DISCHARGE 61P047A/B | 1Y | | | | | | | | V | | | | | RLB | RLB-ILBO |
| 1,613 | TFL -61 -61T079 | TFL-TT613703 | TEMP TRANS OF 61T079 INLET | 1Y | | | | | | | | | | | | V | RLB | RLB-ILBO |
| 1,614 | TFL -61 -61T061A | TFL-TT614003 | TEMP TRANS ASPH 61T061A | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,615 | TFL -61 -61T061B | TFL-TT614004 | TEMP TRANS ASPH 61T061B | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,616 | TFL -61 -61T062A | TFL-TT614103 | TEMP TRANS ASPH 61T062A | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,617 | TFL -61 -61T062B | TFL-TT614104 | TEMP TRANS ASPH 61T062B | 1Y | | | | V | | | | | | | | | RLB | RLB-ILBO |
| 1,618 | TFL -61 -61T063A | TFL-TT614203 | TEMP TRANS ASPH 61T063A | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,619 | TFL -61 -61T063B | TFL-TT614204 | TEMP TRANS ASPH 61T063B | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,620 | TFL -61 -61T064A | TFL-TT614303 | TEMP TRANS ASPH 61T064A | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,621 | TFL -61 -61T064B | TFL-TT614304 | TEMP TRANS ASPH 61T064B | 1Y | | | | | V | | | | | | | | RLB | RLB-ILBO |
| 1,622 | TFL -61 -LUBE_T/L | TFL-TT614401 | TEMP TRANS OF METER 24 LUBE T/L LBOP | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,623 | TFL -61 -LUBE_T/L | TFL-TT614402 | TEMP TRANS OF METER 22 LUBE T/L LBOP | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,624 | TFL -61 -LUBE_T/L | TFL-TT614403 | TEMP TRANS OF METER 23 LUBE T/L LBOP | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,625 | TFL -61 -LUBE_T/L | TFL-TT614501 | TEMP TRANS OF METER 34 LUBE T/L LBOP | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,626 | TFL -61 -LUBE_T/L | TFL-TT614502 | TEMP TRANS OF METER 32 LUBE T/L LBOP | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,627 | TFL -61 -LUBE_T/L | TFL-TT614503 | TEMP TRANS OF METER 44 LUBE T/L LBOP | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,628 | TFL -61 -LUBE_T/L | TFL-TT614601 | TEMP TRANS OF METER 33 LUBE T/L LBOP | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,629 | TFL -61 -LUBE_T/L | TFL-TT614603 | TEMP TRANS OF METER 43 LUBE T/L LBOP | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,630 | TFL -61 -LUBE_T/L | TFL-TT614604 | TEMP TRANS OF METER 41 LUBE T/L LBOP | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,631 | TFL -61 -LUBE_T/L | TFL-TT614701 | TEMP TRANS OF METER 14 LUBE T/L LBOP | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,632 | TFL -61 -LUBE_T/L | TFL-TT614703 | TEMP TRANS OF METER 13 LUBE T/L LBOP | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |

PREVENTIVE MAINTENANCE YEARLY SCHEDULE
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| Item | FL No. | Equipment No. | Equipment Description | Cycle | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | Section | Work Center |
|-------|---------------------|--------------------|--------------------------------------|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-------------|
| 1,633 | TFL -61 -LUBE_T/L | TFL-TT614704 | TEMP TRANS OF METER 11 LUBE T/L LBOP | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,634 | TFL -61 -ASPH | TFL-TT614801 | TEMP TRANS ASPH INLET 61H008A | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,635 | TFL -61 -ASPH | TFL-TT614802 | TEMPTRANS ASPH INLET 61H008B | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,636 | TFL -61 -ASPH | TFL-TT614803 | TEMPTRANS ASPH INLET 61H008C | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,637 | TFL -61 -ASPH | TFL-TT614804 | TEMPTRANS ASPH INLET 61H008D | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,638 | TFL -61 -ASPH | TFL-TT614805 | TEMPTRANS ASPH INLET 61H008E | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,639 | TFL -61 -ASPH | TFL-TT614806 | TEMPTRANS ASPH INLET 61H008F | 1Y | | | | | | | | | V | | | | RLB | RLB-ILBO |
| 1,640 | TFL -61 -TEMP | TFL-TT617101 | TEMPTRANS STEAM FROM OSBL LP STEAM | 1Y | | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,641 | TFL -61 -TEMP | TFL-TT617201 | TEMPTRANS STEAM FROM OSBL HP STEAM | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,642 | TFL -61 -TEMP | TFL-TT617202 | TEMPTRANS STEAM FROM OSBL HP STEAM | 1Y | | | | | | V | | | | | | | RLB | RLB-ILBO |
| 1,643 | TFL -61 -61T064C | TFL-TT619573 | TEMP TRANS OF 61T064C | 1Y | | | | | | | V | | | | | | RLB | RLB-ILBO |
| 1,644 | TFL -61 -61T102 | TFL-TV6110102 | TEMP C/V FUEL OIL OUTLET 61E103 | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,645 | TFL -61 -CV | TFL-TV6110103 | TEMP V/V OF 61E103 OUTLET | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,646 | TFL -61 -61T073A | TFL-TV611203 | TEMP C/V VR 61T073A | 1Y | | | | | | | | | | | | | RLB | RLB-ILBO |
| 1,647 | TFL -61 -61T073B | TFL-TV611204 | TEMP C/V VR 61T073B | 1Y | | | | | | | | | F | | | | RLB | RLB-ILBO |
| 1,648 | TFL -61 -61T076A | TFL-TV612303 | TEMP C/V FUEL OIL 61T076A | 1Y | | | | | | | | | | F | | | RLB | RLB-ILBO |
| 1,649 | TFL -61 -61T076B | TFL-TV612304 | TEMP C/V FUEL OIL 61T076B | 1Y | | | | | | | | | | F | | | RLB | RLB-ILBO |
| 1,650 | TFL -61 -61T065A | TFL-TV6125103 | TEMP C/V OF 61T065A | 1Y | | | | | | | | | | F | | | RLB | RLB-ILBO |
| 1,651 | TFL -61 -61T065B | TFL-TV6125104 | TEMP C/V OF 61T065B | 1Y | | | | | | | | | | F | | | RLB | RLB-ILBO |
| 1,652 | TFL -61 -61T061A | TFL-TV614003 | TEMP C/V ASPH 61T061A | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,653 | TFL -61 -61T061B | TFL-TV614004 | TEMP C/V ASPH 61T061B | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,654 | TFL -61 -61T062A | TFL-TV614103 | TEMP C/V ASPH 61T062A | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,655 | TFL -61 -61T062B | TFL-TV614104 | TEMP C/V ASPH 61T062B | 1Y | | | | F | | | | | | | | | RLB | RLB-ILBO |
| 1,656 | TFL -61 -61T063A | TFL-TV614203 | TEMP C/V ASPH 61T063A | 1Y | | | | | F | | | | | | | | RLB | RLB-ILBO |
| 1,657 | TFL -61 -61T063B | TFL-TV614204 | TEMP C/V ASPH 61T063B | 1Y | | | | | F | | | | | | | | RLB | RLB-ILBO |
| 1,658 | TFL -61 -61T064A | TFL-TV614303 | TEMP C/V ASPH 61T064A | 1Y | | | | | F | | | | | | | | RLB | RLB-ILBO |
| 1,659 | TFL -61 -61T064B | TFL-TV614304 | TEMP C/V ASPH 61T064B | 1Y | | | | | F | | | | | | | | RLB | RLB-ILBO |
| 1,660 | TFL -61 -ASPH | TFL-TV614801 | TEMP C/V OF 61T084 ASPH T/L LBOP | 1Y | | | | | | | | | | | F | | RLB | RLB-ILBO |
| 1,661 | TFL -61 -61T064C | TFL-TV619573 | TEMP V/V OF 61T064C | 1Y | | | | | | | F | | | | | | RLB | RLB-ILBO |
| 1,662 | TFL -E2D-UND_GROUND | TFL-UND-GROUND-CAB | 6.3 KV UNDERGROUND CABLE | 6M | | | | P | | | | | | P | | | RLB | RLB-ELBO |
| 1,663 | TFL -E2D-UND_GROUND | TFL-UND-GROUND-CAB | 6.3 KV UNDERGROUND CABLE | 1M | I | I | I | I | I | I | I | I | I | I | I | I | RLB | RLB-ELBO |
| 1,664 | TFL -E2D-UND_GROUND | TFL-UND-GROUND-CAB | 6.3 KV UNDERGROUND CABLE | 3M | I | | | I | | | I | | | I | | | RLB | RLB-ELBO |
| 1,665 | TFL -00 -QMI_CD | TFL-VOC-009 | PORTABLE GAS-VOC-009 | 1Y | | | | | | | V | | | | | | CAN | CAN-Q25 |
| 1,666 | TFL -61 -CV | TFL-XV000301 | ON-OFF V/V OF 61T101 FG TO PS | 1Y | | | | | | | | | | F | | | RLB | RLB-ILBO |