

เอกสารแนบที่ 7

เอกสารการสืบค้นฐานข้อมูลสุขภาพพนักงาน

ตามกฎหมายกำหนดหลักเกณฑ์

และวิธีการตรวจสอบสุขภาพของลูกจ้าง

และส่งผลการตรวจแก่นักงานตรวจแรงงาน พ.ศ. ๒๕๔๗

ที่เกี่ยวข้องกับ สมุดสุขภาพประจำตัวของลูกจ้าง จึงขอความร่วมมือพนักงาน
เข้าไปตอบคำถามสุขภาพ ด้วยนะคะ

ขั้นที่ 1

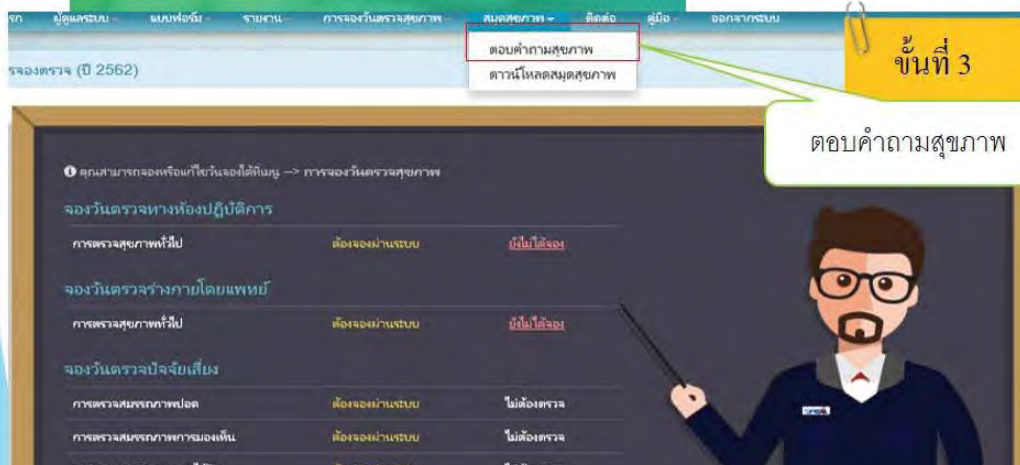


ได้คลิก e-Health book

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 : เคยใช้ยาหรือสมุนไพรที่มีฤทธิ์รุนแรงหรือยาเสพติดหรือยาอันตราย หรือเคยป่วยเป็นโรคติดต่อหรือไม่ (เลือกได้ 1 ข้อ)

- ☐ ไม่เคย
☐ เคย จงระบุ

คำถามที่ 5 : ประวัติการรับวัคซีนของสมาชิกในครอบครัว (เช่น แม่เจ้า โทคัส จาน รังสิต นานา พอสถิต วุฒิสถิต เป็นต้น) (เลือกได้ 1 ข้อ)

- ☐ ไม่มี
☒ มี จงระบุชื่อและปี พ.ศ.ใด

ตอบคำถามสุขภาพ

เอกสารแนบที่ 8
เอกสารปริมาณกำมะถันในน้ำมันเตา



Sample Result Report

Sample ID	Sample Name	Sample Point	Ton No.	Grade	Batch/Lot	Sampling Date/Time	Status
ALR-2207003844	Fuel Oil	61T102	-	FO		11-Jul-2022 18:00	Completed

Test Item	Value	Unit	Spec	Condition	Document No.
KV @50C	137.7	cSt.			
Total Sulfur Content	0.910	%wt.			



Sample Result Report

Sample ID	Sample Name	Sample Point	Ton No.	Grade	Batch/Lot	Sampling Date/Time	Status
ALR-2208005918	Fuel Oil	61T102	-	FO		17-Aug-2022 09:00	Completed

Test Item	Value	Unit	Spec	Condition	Document No.
KV @50C	106.2	cSt.			
Total Sulfur Content	0.831	%wt.			



Sample Result Report

Sample ID	Sample Name	Sample Point	Ton No.	Grade	Batch/Lot	Sampling Date/Time	Status
ALR-2209001653	Fuel Oil	61T102	-	FO		05-Sep-2022 18:00	Completed

Test Item	Value	Unit	Spec	Condition	Document No.
KV @50C	106.4	cSt.			
Total Sulfur Content	0.845	%wt.			



Sample Result Report

Sample ID	Sample Name	Sample Point	Ton No.	Grade	Batch/Lot	Sampling Date/Time	Status
ALR-2209008681	Fuel Oil	61T102	-	FO		25-Sep-2022 23:00	Completed

Test Item	Value	Unit	Spec	Condition	Document No.
KV @50C	159.4	cSt.			
Total Sulfur Content	0.916	%wt.			

เอกสารแนบที่ 9

เอกสารปริมาณกำมะถันในถ่านหิน



Certificate No: IDPLAJ22000338

Date: October 28, 2022

CERTIFICATE OF SAMPLING AND ANALYSIS

Name of Vessel : MV. MDM BATUR
Quantity : 52,000 MT
Goods Description : INDONESIAN STEAM COAL IN BULK
The Name and Address of : PT BUKIT ASAM TBK
Manufacturer of The Goods : MENARA KADIN INDONESIA 15TH FLOOR,
JL. H.R. RASUNA SAID, BLOK X-5, KAV 2 AND 3,
JAKARTA 12950, INDONESIA
Notify Party : LOG PLUS MINING SERVICES CO., LTD
99/23-24 VILLAGE NO.5, SUKSAWAD ROAD,
BANG KHURU, PHA PRADAENG,
SAMUT PRAKARN, 10130, THAILAND
Port of Loading : PORT OF TARAHAH, BANDAR LAMPUNG, INDONESIA
Port of Discharge : IRPC PORT, RAYONG, THAILAND
Loading Dates : OCTOBER 21 UP TO OCTOBER 23, 2022
BL Date : OCTOBER 23, 2022
Number of Credit and Date : 997ILSU222842001 DATED 20-OCT-2022

THIS IS TO CERTIFY that we have performed the inspection, sampling and analysis of the coal consignment nominated above. Samples were taken during loading and analyzed as per ASTM standard methods.

The following results were obtained:

SPECIFICATIONS OF COAL AS PER ASTM STANDARD :

PARAMETER	BASIS	ACTUAL RESULTS	
TOTAL MOISTURE	ARB	: 13.24	PCT
INHERENT MOISTURE	ADB	: 5.84	PCT
ASH CONTENT	ADB	: 5.84	PCT
VOLATILE MATTER	ADB	: 41.79	PCT
FIXED CARBON	ADB	: 46.53	PCT BY DIFFERENCE
TOTAL SULPHUR	ADB	: 0.31	PCT
GROSS CALORIFIC VALUE	ADB	: 6984	KCAL/KG
GROSS CALORIFIC VALUE	ARB	: 6435	KCAL/KG
NET CALORIFIC VALUE	ARB	: 6127	KCAL/KG
SIZE (0-50 MM)		: 98.41	PCT
HARDGROVE GRINDABILITY INDEX		: 57	INDEX

REBH 3465

This certificate is issued without prejudice. The liability is limited to the objective of the work and diagnosis. This certificate is not intended to release the client and subject from their contractual obligations and any relevant findings in the time, place and scope of analytical work.

All services are rendered in accordance with Bureau Veritas Commodities Division General Conditions of Service, available on request at <https://commodities.bureauveritas.com/general-conditions-of-service>



Certificate No: IDPLAJ22000338.a

Date: October 28, 2022

ADDITIONAL CERTIFICATE OF SAMPLING AND ANALYSIS

Name of Vessel : MV. MDM BATUR
Quantity : 52,000 MT
Goods Description : INDONESIAN STEAM COAL IN BULK
The Name and Address of : PT BUKIT ASAM TBK
Manufacturer of The Goods : MENARA KADIN INDONESIA 15TH FLOOR,
JL. H.R. RASUNA SAID, BLOK X-5, KAV 2 AND 3,
JAKARTA 12950, INDONESIA
Notify Party : LOG PLUS MINING SERVICES CO., LTD
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Port of Loading : PORT OF TARAHAH, BANDAR LAMPUNG, INDONESIA
Port of Discharge : IRPC PORT, RAYONG, THAILAND
Loading Dates : OCTOBER 21 UP TO OCTOBER 23, 2022
BL Date : OCTOBER 23, 2022
Number of Credit and Date : 997ILSU222842001 DATED 20-OCT-2022

THIS IS TO CERTIFY that we have performed the inspection, sampling and analysis of the coal consignment nominated above. Samples were taken during loading and analyzed as per ASTM standard methods.

The following results were obtained:

PARAMETER	ACTUAL RESULTS	
ASH FUSION TEMPERATURE (REDUCING)		
INITIAL DEFORMATION (DT)	: 1380	DEG C
SOFTENING (ST)	: 1400	DEG C
HEMISPHERICAL (HT)	: 1410	DEG C
FLOW (FT)	: 1460	DEG C
ASH FUSION TEMPERATURE (OXYDIZING)		
INITIAL DEFORMATION (DT)	: 1440	DEG C
SOFTENING (ST)	: 1450	DEG C
HEMISPHERICAL (HT)	: 1470	DEG C
FLOW (FT)	: 1490	DEG C
ASH ANALYSIS		
SiO2	: 57.39	PCT
Al2O3	: 27.90	PCT
Fe2O3	: 5.70	PCT
CaO	: 3.21	PCT
MgO	: 0.68	PCT
Na2O	: 1.12	PCT
K2O	: 0.59	PCT
P2O5	: 0.36	PCT
TiO2	: 1.88	PCT
Mn3O4	: 0.28	PCT
SO3	: 0.30	PCT

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<https://commodities.bureauveritas.com/>



Certificate No: IDPLAJ22000338.b

Date: October 28, 2022

ADDITIONAL CERTIFICATE OF SAMPLING AND ANALYSIS

Name of Vessel : MV. MDM BATUR
Quantity : 52,000 MT
Goods Description : INDONESIAN STEAM COAL IN BULK
The Name and Address of : PT BUKIT ASAM TBK
Manufacturer of The Goods : MENARA KADIN INDONESIA 15TH FLOOR,
JL. H.R. RASUNA SAID, BLOK X-5, KAV 2 AND 3,
JAKARTA 12950, INDONESIA
Notify Party : LOG PLUS MINING SERVICES CO., LTD
99/23-24 VILLAGE NO.5, SUKSAWAD ROAD,
BANG KHURU, PHA PRADAENG,
SAMUT PRAKARN, 10130, THAILAND
Port of Loading : PORT OF TARAHAH, BANDAR LAMPUNG, INDONESIA
Port of Discharge : IRPC PORT, RAYONG, THAILAND
Loading Dates : OCTOBER 21 UP TO OCTOBER 23, 2022
BL Date : OCTOBER 23, 2022
Number of Credit and Date : 997ILSU222842001 DATED 20-OCT-2022

THIS IS TO CERTIFY that we have performed the inspection, sampling and analysis of the coal consignment nominated above. Samples were taken during loading and analyzed as per ASTM standard methods.

The following results were obtained:

PARAMETER	ACTUAL RESULTS	
TRACE ELEMENT (DB)		
ARSENIC	1.26	PPM
MERCURY	0.051	PPM
PHOSPHORUS	0.012	PCT
FLUORINE	72.00	PPM
CHLORINE	0.007	PCT
ULTIMATE ANALYSIS (DAF)		
CARBON	77.35	PCT
HYDROGEN	5.54	PCT
NITROGEN	1.01	PCT
SULPHUR	0.35	PCT
OXYGEN	15.75	PCT

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Certificate No: IDPLAJ22000338

Date: October 28, 2022

CERTIFICATE OF WEIGHT

Name of Vessel : MV. MDM BATUR
Quantity : 52,000 MT
Goods Description : INDONESIAN STEAM COAL IN BULK
The Name and Address of : PT BUKIT ASAM TBK
Manufacturer of The Goods : MENARA KADIN INDONESIA 15TH FLOOR,
JL. H.R. RASUNA SAID, BLOK X-5, KAV 2 AND 3,
JAKARTA 12950, INDONESIA
Notify Party : LOG PLUS MINING SERVICES CO., LTD
99/23-24 VILLAGE NO.5, SUKSAWAD ROAD,
BANG KHURU, PHA PRADAENG,
SAMUT PRAKARN, 10130, THAILAND
Port of Loading : PORT OF TARAHAH, BANDAR LAMPUNG, INDONESIA
Port of Discharge : IRPC PORT, RAYONG, THAILAND
Loading Dates : OCTOBER 21 UP TO OCTOBER 23, 2022
BL Date : OCTOBER 23, 2022
Number of Credit and Date : 997ILSU222842001 DATED 20-OCT-2022

THIS IS TO CERTIFY that weight of the above mentioned cargo loaded at loading port was determined on the basis of vessel's draft survey result as follows:

52,000 MT

The inspection was carried out to the best of our knowledge and this report reflects our finding as at time and place for our inspection only.

Certificate

REBH 3467

This certificate is issued without prejudice. Our liability is limited to the extent of due care and diligence. This certificate is not intended to release the buyer and seller from their contractual obligations and only reflects our findings at the time, place and date of inspection only.

All services are rendered in accordance with Bureau Veritas Commodities Division General Conditions of Service, available on request at <https://commodities.bureauveritas.com/general-conditions-service>

This certificate is issued without prejudice. Our liability is limited to the extent of due care and diligence. This certificate is not intended to release the buyer and seller from their contractual obligations and only reflects our findings at the time, place and date of inspection only.

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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		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 -2																	

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
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						I							IRI	IRI-INLB

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
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						I							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								I						

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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	</													

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
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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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																	

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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		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							

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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	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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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

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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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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				I									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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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													

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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			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			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			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			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			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			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			IRI	IRI-INVB
578	LDU -24 -24E006H	LDU-24E006H-E01	SOLVENT COOLER	3M	I			I			I			I			RLB	RLB-MLBO

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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			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			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			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			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			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			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			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			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			OCS	OCS-SYS
642	LDU -24 -24K001A	LDU-24K001A-PLC	PLC SYSTEM OF 24K001A	6M														

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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			OCS	OCS-SYS
650	LDU -24 -24K001B	LDU-24K001B-PLC	PLC SYSTEM OF 24K001B	6M				I						I			OCS	OCS-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		I		IRI	IRI - INVB
654	LDU -24 -24P001A	LDU-24P001A-P01	FEED PUMP	2M	I		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	RLB-MLBO
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													RLB	RLB-ELBO
661	LDU -24 -24P001B	LDU-24P001B-P01	FEED PUMP	2M		I		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							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																	

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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

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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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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				L					I				R/LB	R/LB-MLBO
761	LDU -25 -25P003A	LDU-25P003A-P01	WASH OIL PUMP	2M		L			L		L					L	R/LB	R/LB-MLBO
762	LDU -25 -25P003B	LDU-25P003B-MD1	MD1	1Y					I								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		COH	COH-TRTL
774	LDU -38C-61MR102	LDU-61MR102	61MR102	2W							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-QZ5
776	LDU -21 -QM1_LIQ	LDU-AI2101	VISCOSITY AI2101	1M	I	I	I	I	I	I	I	I	I	I	I	I	CAN	CAN-QZ5
777	LDU -21 -QM1_LIQ	LDU-AI2101	VISCOSITY AI2101	3M		V			V			V			V		CAN	CAN-QZ5
778	LDU -21 -QM1_LIQ	LDU-AI2105	VISCOSITY AI2105	1M	I	I	I	I	I	I	I	I	I	I	I	I	CAN	CAN-QZ5
779	LDU -21 -QM1_LIQ																	

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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
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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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													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													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	RL

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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													

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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

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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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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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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										

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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 -24P002B	LDU-LSL2436C	LEVEL S/W OF 24P002B SEAL POT	1Y				F									RLB	RLB-ILBO
1,097	LDU -24 -24P002B	LDU-LSL2436D	LEVEL S/W OF 24P002B 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 -24P003A	LDU-LSL2437B	LEVEL S/W OF 24P003A SEAL POT	1Y				F									RLB	RLB-ILBO
1,100	LDU -24 -24P003B	LDU-LSL2437C	LEVEL S/W OF 24P003B SEAL POT	1Y				F									RLB	RLB-ILBO
1,101	LDU -24 -24P003B	LDU-LSL2437D	LEVEL S/W OF 24P003B 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 -24P007A	LDU-LSL2439B	LEVEL S/W OF 24P007A SEAL POT	1Y				F									RLB	RLB-ILBO
1,106	LDU -24 -24P007B	LDU-LSL2439C	LEVEL S/W OF 24P007B SEAL POT	1Y				F									RLB	RLB-ILBO
1,107	LDU -24 -24P007B	LDU-LSL2439D	LEVEL S/W OF 24P007B 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

PREVENTIVE MAINTENANCE YEARLY SCHEDULE
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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
1,123	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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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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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 SOOT 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 SOOT 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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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-MLBO
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														

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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

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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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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											F		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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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 SCOT BLOWER	1Y					V								RLB	RLB-ILBO
1,409	LDU -24 -24B001	LDU-TIS2454	TEMP INDICATOR OF SCOT 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											F		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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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	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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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

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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

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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.

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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

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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	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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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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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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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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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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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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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

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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	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			I		RLB	RLB-MLBO
336	LTU -22 -22B001	LTU-22B001-BU06	COMBINATION OIL AND GAS BURNER	3M		I			I			I			I		RLB	RLB-MLBO
337	LTU -22 -22B001	LTU-22B001-BU07	COMBINATION OIL AND GAS BURNER	3M		I			I			I			I		RLB	RLB-MLBO
338	LTU -22 -22B001	LTU-22B001-BU08	COMBINATION OIL AND GAS BURNER	3M			I			I			I			I	RLB	RLB-MLBO
339	LTU -22 -22B001	LTU-22B001-BU09	COMBINATION OIL AND GAS BURNER	3M			I			I			I			I	RLB	RLB-MLBO
340	LTU -22 -22B001	LTU-22B001-BU10	COMBINATION OIL AND GAS BURNER	3M			I			I			I			I	RLB	RLB-MLBO

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

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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			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-22E020																	

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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

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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-SWGR	SWGR	2Y	P												COH	COH-SWRL
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-SWGR	SWGR	2Y		P											COH	COH-SWRL
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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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-SWGR	SWGR	2Y	P												COH	COH-SWRL
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-SWGR	SWGR	2Y		P											COH	COH-SWRL
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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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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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				I	RLB	RLB-MLBO

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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	3Y		L			L			L			L		RLB	RLB-ELBO
658	LTU -23 -23K001	LTU-23K001P01-M01	M01	5M	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	RLB	RLB-MLBO
693	LTU -23 -23P002F	LTU-23P002F-M01	23P002F Wax Slurry Boot Pump	3M		L						L				L	RLB	RLB-ELBO
694	LTU -23 -23P002F	LTU-23P002F-P01	Wax Slurry Boot Pump	6M					L	I						I	RLB	RLB-MLBO
695	LTU -23 -23P003A	LTU-23P003A-M01	MD1	4M			L				L					L	RLB	RLB-ELBO
696	LTU -23 -23P003A	LTU-23P003A-M01	MD1	1Y						T							RLB	RLB-MLBO
697	LTU -23 -23P003A	LTU-23P003A-P01	SECOND STAGE FILTRATE PUMP	2M	I		I		I	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	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	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	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	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													RLB	RLB-ELBO
709	LTU -23 -23P004B	LTU-23P004B-M01	MD1	4M				L				L				L	RLB	

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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		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	DVO PRODUCT PUMP	2M	I		I		I		I		I		I		IRI	IRI- INVB
724	LTU -23 -23P006A	LTU-23P006A-P01	DVO 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	DVO PRODUCT PUMP	2M	I		I		I		I		I		I		IRI	IRI- INVB
728	LTU -23 -23P006B	LTU-23P006B-P01	DVO 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			L				L				P		COH	COH-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			COH	COH-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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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-INNB
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-INNB
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-INNB
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-INNB
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-INNB
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-INNB
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-INNB
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-INNB
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													ENE	ENE-ENOS
890	LTU -STR-BUILDING	LTU-BDG-A-22C006-8	BUILDING STEEL STRUCTURE A (22C006/7/8)	6Y													ENE	ENE-ENOS
891	LTU -STR-BUILDING	LTU-BDG-B-22D001	BUILDING STEEL STRUCTURE B (22D001)	6Y													ENE	ENE-ENOS
892	LTU -STR-BUILDING	LTU-BDG-C-22C002	BUILDING STEEL STRUCTURE C (22C002)	6Y													ENE	ENE-ENOS
893	LTU -STR-BUILDING	LTU-BDG-D-22D010	BUILDING STEEL STRUCTURE D (22D010)	6Y													ENE	ENE-ENOS
894	LTU -STR-BUILDING	LTU-BDG-E-22R001	BUILDING STEEL STRUCTURE E (22R001)	6Y													ENE	ENE-ENOS
895	LTU -STR-BUILDING	LTU-BDG-H-PDU	BUILDING STRUCTURE H (PDU VACUUM)	6Y													ENE	ENE-ENOS
896	LTU -STR-BUILDING	LTU-BDG-J-23D002	BUILDING STRUCTURE J (23D002/4/5/12)	6Y													ENE	ENE-ENOS
897	LTU -STR-BUILDING	LTU-BDG-L-23D017	BUILDING STEEL STRUCTURE L (23D017)	6Y													ENE	ENE-ENOS
898	LTU -STR-BUILDING	LTU-BDG-PDU-DBMAX	BUILDING PDU DBMAXING FILTER	6Y													ENE	ENE-ENOS
899	LTU -STR-BUILDING	LTU-BDG-R-22K001-2	BUILDING STRUCTURE R (22K001/2A/B)	6Y													ENE	ENE-ENOS
900	LTU -STR-BUILDING	LTU-BDG-STEAM-CHAM	BUILDING STEAM CHAMBER	6Y													ENE	ENE-ENOS
901	LTU -STR-BUILDING	LTU-BDG-T-23K001	BUILDING STRUCTURE T (23K001)	6Y													ENE	ENE-ENOS
902	LTU -CCR-DCS	LTU-DCS	DCS SYSTEM LTU AREA	3M													CCR	CCR-SYS
903	LTU -CCR-DCS	LTU-DCS	DCS SYSTEM LTU AREA	6M													CCR	CCR-SYS
904	LTU -CCR-DCS	LTU-DCS	DCS SYSTEM LTU AREA	3M													CCR	CCR-SYS
905	LTU -00 -FIRE_ALARM	LTU-FAL-PB	SCE FAL-PB	3M													RLB	RLB-ELBO
906	LTU -22 -22K001A	LTU-FSLL2281A	FLOW S/W OF 22K001A OUTLET	1Y													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													RLB	RLB-ILBO
909	LTU -22 -22K002B	LTU-FSLL2293B	FLOW S/W WATER TEMPED RETURN 22K002B	1Y													RLB	RLB-ILBO
910	LTU -22 -22K003A	LTU-FSLL2295A	FLOW S/W OF 22K003A OUTLET	1Y													RLB	RLB-ILBO
911	LTU -22 -22K003B	LTU-FSLL2295B	FLOW S/W OF 22K003B OUTLET	1Y													RLB	RLB-ILBO
912	LTU -61 -FLOW	LTU-FI0001	FLOW D/P TRANS STEAM FLUID3 VDU/DAU SSH	1Y													RLB	RLB-ILBO
913	LTU -61 -FLOW	LTU-FI0003	FLOW D/P TRANS CPL U/T PLANT CPL TO	1Y													RLB	RLB-ILBO
914	LTU -61 -FLOW	LTU-FI0051	FLOW D/P TRANS OF 35 BAR STEAM	1Y													RLB	RLB-ILBO
915	LTU -22 -FLOW	LTU-FI2201	FLOW D/P TRANS FEED FEED FROM TANKAGE															

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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
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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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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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1,157	LTU -22 -22D004	LTU-LSH2208	LEVEL S/W (EXTFLOAT) NMP 22D004	1Y											F		RLB	RLB-ILBO
1,158	LTU -22 -22D008	LTU-LSH2216	LEVEL S/W (EXTFLOAT) RAFF 22D008	1Y											F		RLB	RLB-ILBO
1,159	LTU -22 -22C005	LTU-LSH2221	LEVEL S/W (EXTFLOAT) VACC DRIER 22C005	1Y		F											RLB	RLB-ILBO
1,160	LTU -22 -22C006	LTU-LSH2223	LEVEL S/W (EXTFLOAT) RIOH DEA 22C006	1Y											F		RLB	RLB-ILBO
1,161	LTU -22 -22D014	LTU-LSH2228	LEVEL S/W (EXTFLOAT) SLOP OIL 22D014	1Y											F		RLB	RLB-ILBO
1,162	LTU -22 -22C008	LTU-LSH2230	LEVEL S/W (EXTFLOAT) RIOH DEA 22C008	1Y											F		RLB	RLB-ILBO
1,163	LTU -22 -22D001	LTU-LSH2232	LEVEL S/W (EXTFLOAT) STEAM COND 22D001	1Y											F		RLB	RLB-ILBO
1,164	LTU -22 -22T001	LTU-LSH2234	LEVEL S/W (EXTFLOAT) NMP 22T001	1Y											F		RLB	RLB-ILBO
1,165	LTU -22 -22T002	LTU-LSH2236	LEVEL S/W OF 22T002	1Y											F		RLB	RLB-ILBO
1,166	LTU -22 -22T002	LTU-LSH2237	LEVEL S/W (EXTFLOAT) NMP 22T002	1Y											F		RLB	RLB-ILBO
1,167	LTU -22 -22T003	LTU-LSH2239	LEVEL S/W (EXTFLOAT) WET NMP 22T003	1Y										F			RLB	RLB-ILBO
1,168	LTU -22 -22D012	LTU-LSH2242	LEVEL S/W (EXTFLOAT) WATER 22D012	1Y											F		RLB	RLB-ILBO
1,169	LTU -22 -22K001A	LTU-LSH2252A	LEVEL S/W OF 22K001A	1Y		F											RLB	RLB-ILBO
1,170	LTU -22 -22K001B	LTU-LSH2252B	LEVEL S/W OF 22K001B	1Y	F												RLB	RLB-ILBO
1,171	LTU -22 -22P012	LTU-LSH2284	LEVEL S/W OF 22P012	1Y											F		RLB	RLB-ILBO
1,172	LTU -22 -22P013	LTU-LSH2285	LEVEL S/W OF 22P013	1Y											F		RLB	RLB-ILBO
1,173	LTU -23 -23C003	LTU-LSH2321	LEVEL S/W (EXT FLOAT) LUBE 23C003	1Y											F		RLB	RLB-ILBO
1,174	LTU -23 -23D011	LTU-LSH2327	LEVEL S/W (EXT FLOAT) WAX/PROPAN 23D011	1Y											F		RLB	RLB-ILBO
1,175	LTU -23 -23D012	LTU-LSH2329	LEVEL S/W (EXT FLOAT) WAX 23D012	1Y											F		RLB	RLB-ILBO
1,176	LTU -23 -23C004	LTU-LSH2331	LEVEL S/W (EXT FLOAT) WAX 23C004	1Y											F		RLB	RLB-ILBO
1,177	LTU -23 -23D012	LTU-LSH2333	LEVEL S/W (EXT FLOAT) KERO/ PRO 23D012	1Y											F		RLB	RLB-ILBO
1,178	LTU -23 -23D013	LTU-LSH2336	LEVEL S/W (EXT FLOAT) SOUR WATER 23D013	1Y											F		RLB	RLB-ILBO
1,179	LTU -23 -23D021	LTU-LSH2347B	LEVEL S/W SLOP OIL 23D021	1Y											F		RLB	RLB-ILBO
1,180	LTU -23 -23P010A	LTU-LSH2354A	LEVEL S/W GLYCOL/ WATER 23P010A	1Y								F					RLB	RLB-ILBO
1,181	LTU -23 -23P010B	LTU-LSH2354B	LEVEL S/W GLYCOL/ WATER 23P010B	1Y								F					RLB	RLB-ILBO
1,182	LTU -22 -22D003	LTU-LSH2204	LEVEL S/W (EXTFLOAT) NMP 22D003	1Y											F		RLB	RLB-ILBO
1,183	LTU -22 -22D005	LTU-LSH2210	LEVEL S/W (EXTFLOAT) NMP 22D005	1Y											F		RLB	RLB-ILBO
1,184	LTU -22 -22D006	LTU-LSH2212	LEVEL S/W (EXTFLOAT) HYDROGEN 22D006	1Y											F		RLB	RLB-ILBO
1,185	LTU -22 -22D007	LTU-LSH2214	LEVEL S/W (EXTFLOAT) HYDROGEN 22D007	1Y											F		RLB	RLB-ILBO
1,186	LTU -22 -22D010	LTU-LSH2225	LEVEL S/W (EXTFLOAT) SLOP OIL 22D010	1Y											F		RLB	RLB-ILBO
1,187	LTU -23 -23D012	LTU-LSH2334	LEVEL S/W (EXT FLOAT) KERO/ PRO 23D012	1Y											F		RLB	RLB-ILBO
1,188	LTU -23 -23D021	LTU-LSH2347A	LEVEL S/W SLOP OIL 23D021	1Y											F		RLB	RLB-ILBO
1,189	LTU -22 -22T005	LTU-LSH2245	LEVEL S/W SPENT CAUSTIC 22T005	1Y											F		RLB	RLB-ILBO
1,190	LTU -61 -61T201	LTU-LSH6120102	LEVEL S/W LOW OF 61T201	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
1,191	LTU -22 -22D016	LTU-LSL2235	LEVEL S/W (EXTFLOAT) PHOSPH- ATE 22D016	1Y											F		RLB	RLB-ILBO
1,192	LTU -22 -22T004	LTU-LSL2241	LEVEL S/W (EXTFLOAT) WATER 22T004	1Y											F		RLB	RLB-ILBO
1,193	LTU -22 -22K001A	LTU-LSL2251A	LEVEL S/W OF 22K001A	1Y		F											RLB	RLB-ILBO
1,194	LTU -22 -22K001B	LTU-LSL2251B	LEVEL S/W OF 22K001B	1Y	F												RLB	RLB-ILBO
1,195	LTU -22 -22K001A	LTU-LSL2253A	LEVEL S/W OF 22K001A	1Y		F											RLB	RLB-ILBO
1,196	LTU -22 -22K001B	LTU-LSL2253B	LEVEL S/W OF 22K001B	1Y	F												RLB	RLB-ILBO
1,197	LTU -22 -22K002A	LTU-LSL2261A	LEVEL S/W OF 22K002A	1Y			F										RLB	RLB-ILBO
1,198	LTU -22 -22K002B	LTU-LSL2261B	LEVEL S/W OF 22K002B	1Y				F									RLB	RLB-ILBO
1,199	LTU -22 -22K002A	LTU-LSL2262A	LEVEL S/W OF 22K002A	1Y			F										RLB	RLB-ILBO
1,200	LTU -22 -22K002B	LTU-LSL2262B	LEVEL S/W OF 22K002B	1Y				F									RLB	RLB-ILBO
1,201	LTU -22 -22K003A	LTU-LSL2263A	LEVEL S/W OF 22K003A	1Y					F								RLB	RLB-ILBO
1,202	LTU -22 -22K003B	LTU-LSL2263B	LEVEL S/W OF 22K003B	1Y						F							RLB	RLB-ILBO
1,203	LTU -22 -22K003A	LTU-LSL2264A	LEVEL S/W OF 22K003A	1Y					F								RLB	RLB-ILBO
1,204	LTU -22 -22K003B	LTU-LSL2264B	LEVEL S/W OF 22K003B	1Y						F							RLB	RLB-ILBO
1,205	LTU -22 -22P005A	LTU-LSL2281A	LEVEL S/W OF 22P005A	1Y										F			RLB	RLB-ILBO
1,206	LTU -22 -22P005B	LTU-LSL2281B	LEVEL S/W OF 22P005A	1Y										F			RLB	RLB-ILBO
1,207	LTU -22 -22P005B	LTU-LSL2281C	LEVEL S/W OF 22P005B	1Y									F				RLB	RLB-ILBO
1,208	LTU -22 -22P005B	LTU-LSL2281D	LEVEL S/W OF 22P005B	1Y									F				RLB	RLB-ILBO
1,209	LTU -22 -22P014	LTU-LSL2286	LEVEL S/W OF OIL SEALROT 22P014	1Y											F		RLB	RLB-ILBO
1,210	LTU -22 -22P018A	LTU-LSL2287A	LEVEL S/W OF 22P018A	1Y									F				RLB	RLB-ILBO
1,211	LTU -22 -22P018B	LTU-LSL2287B	LEVEL S/W OF 22P018B	1Y											F		RLB	RLB-ILBO
1,212	LTU -23 -23P007C	LTU-LSL23100	LEVEL S/W LUBE OIL TANK 23P007C	1Y									F				RLB	RLB-ILBO
1,213	LTU -23 -LEVEL	LTU-LSL2323	LEVEL S/W (EXT FLOAT) DMO PROPANE LEAK	1Y											F		RLB	RLB-ILBO
1,214	LTU -23 -23D013	LTU-LSL2337	LEVEL S/W (EXT FLOAT) SOUR WATER 23D013	1Y											F		RLB	RLB-ILBO
1,215	LTU -23 -23D022	LTU-LSL2346	LEVEL S/W (EXT FLOAT) SLOP OIL DEWAX	1Y											F		RLB	RLB-ILBO
1,216	LTU -23 -23D021	LTU-LSL2347C	LEVEL S/W SLOP OIL 23D021	1Y											F		RLB	RLB-ILBO
1,217	LTU -23 -23P003A	LTU-LSL2351A	LEVEL S/W GLYCOL/ WATER 23P003A	1Y								F					RLB	RLB-ILBO
1,218	LTU -23 -23P003B	LTU-LSL2351B	LEVEL S/W GLYCOL/ WATER 23P003B	1Y											F		RLB	RLB-ILBO
1,219	LTU -23 -23P004A	LTU-LSL2352A	LEVEL S/W GLYCOL/ WATER 23P004A	1Y								F					RLB	RLB-ILBO
1,220	LTU -23 -23P004A	LTU-LSL2352B	LEVEL S/W GLYCOL/ WATER 23P004A	1Y								F					RLB	RLB-ILBO
1,221	LTU -23 -23P004B	LTU-LSL2352C	LEVEL S/W GLYCOL/ WATER 23P004B	1Y									F				RLB	RLB-ILBO
1,222	LTU -23 -23P004B	LTU-LSL2352D	LEVEL S/W GLYCOL/ WATER 23P004B	1Y									F				RLB	RLB-ILBO
1,223	LTU -23 -23P005A	LTU-LSL2353A	LEVEL S/W GLYCOL/ WATER 23P005A	1Y								F					RLB	RLB-ILBO
1,224	LTU -23 -23P005B	LTU-LSL2353B	LEVEL S/W GLYCOL/ WATER 23P005B	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
1,225	LTU -23 -23P010A	LTU-LSL2354A	LEVEL S/W GLYCOL/ WATER 23P010A	1Y								F					RLB	RLB-ILBO
1,226	LTU -23 -23P010B	LTU-LSL2354B	LEVEL S/W GLYCOL/ WATER 23P010B	1Y									F				RLB	RLB-ILBO
1,227	LTU -23 -23P019A	LTU-LSL2355A	LEVEL S/W GASOIL 23P019A	1Y								F					RLB	RLB-ILBO
1,228	LTU -23 -23P019B	LTU-LSL2355B	LEVEL S/W GASOIL 23P019B	1Y									F				RLB	RLB-ILBO
1,229	LTU -23 -23P002A	LTU-LSL2356A	LEVEL S/W OF 23P002A	1Y											F		RLB	RLB-ILBO
1,230	LTU -23 -23P002A	LTU-LSL2356B	LEVEL S/W OF 23P002A	1Y											F		RLB	RLB-ILBO
1,231	LTU -23 -23P002B	LTU-LSL2356C	LEVEL S/W OF 23P002B	1Y											F		RLB	RLB-ILBO
1,232	LTU -23 -23P002B	LTU-LSL2356D	LEVEL S/W OF 23P002B	1Y											F		RLB	RLB-ILBO
1,233	LTU -23 -23P002C	LTU-LSL2356E	LEVEL S/W OF 23P002C	1Y											F		RLB	RLB-ILBO
1,234	LTU -23 -23P002C	LTU-LSL2356F	LEVEL S/W OF 23P002C	1Y											F		RLB	RLB-ILBO
1,235	LTU -23 -23P002D	LTU-LSL2356G	LEVEL S/W OF 23P002D	1Y											F		RLB	RLB-ILBO
1,236	LTU -23 -23P002D	LTU-LSL2356H	LEVEL S/W OF 23P002D	1Y											F		RLB	RLB-ILBO
1,237	LTU -23 -23P002E	LTU-LSL2356I	LEVEL S/W OF 23P002E	1Y											F		RLB	RLB-ILBO
1,238	LTU -23 -23P002E	LTU-LSL2356J	LEVEL S/W OF 23P002E	1Y											F		RLB	RLB-ILBO
1,239	LTU -23 -23K001	LTU-LSL2361	LEVEL S/W OIL RUNDOWN TANK OF 23K001	1Y											F		RLB	RLB-ILBO
1,240	LTU -23 -23K001	LTU-LSL2362	LEVEL S/W LUBE OIL RESERVIOR OF 23K001	1Y											F		RLB	RLB-ILBO
1,241	LTU -23 -23D021	LTU-LSL2347D	LEVEL S/W SLOP OIL 23D021	1Y											F		RLB	RLB-ILBO
1,242	LTU -61 -61D102	LTU-LT0001	LEVEL D/P TRANS STEAM COND 61D102	1Y							V						RLB	RLB-ILBO
1,243	LTU -22 -22D002	LTU-LT2202	LEVEL D/P TRANS NMP 22D002	1Y							V						RLB	RLB-ILBO
1,244	LTU -22 -22D003	LTU-LT2203	LEVEL D/P TRANS NMP 22D003	1Y							V						RLB	RLB-ILBO
1,245	LTU -22 -22C002	LTU-LT2205	LEVEL D/P TRANS EXTRACT SOL 22C002	1Y							V						RLB	RLB-ILBO
1,246	LTU -22 -22C003	LTU-LT2206	LEVEL D/P TRANS RAFF 22C003	1Y							V						RLB	RLB-ILBO
1,247	LTU -22 -22D004	LTU-LT2207	LEVEL TRANS (EXTDISPL) NMP 22D004	1Y							V						RLB	RLB-ILBO
1,248	LTU -22 -22D005	LTU-LT2209	LEVEL TRANS (EXTDISPL) NMP 22D005	1Y							V						RLB	RLB-ILBO
1,249	LTU -22 -22D006	LTU-LT2211	LEVEL TRANS (EXTDISPL) HYDROGEN 22D006	1Y							V						RLB	RLB-ILBO
1,250	LTU -22 -22D007	LTU-LT2213	LEVEL TRANS (EXTDISPL) HYDROGEN 22D007	1Y							V						RLB	RLB-ILBO
1,251	LTU -22 -22D008	LTU-LT2215	LEVEL TRANS (EXTDISPL) SLOP OIL 22D008	1Y							V						RLB	RLB-ILBO
1,252	LTU -22 -22D009	LTU-LT2217	LEVEL TRANS (EXTDISPL) SLOP WATER 22D009	1Y							V						RLB	RLB-ILBO
1,253	LTU -22 -22C004	LTU-LT2219	LEVEL D/P TRANS HYDROFINER 22C004	1Y							V						RLB	RLB-ILBO
1,254	LTU -22 -22C005	LTU-LT2220	LEVEL D/P TRANS DIA SEAL VACC 22C005	1Y							V						RLB	RLB-ILBO
1,255	LTU -22 -22C006	LTU-LT2222	LEVEL D/P TRANS RICH DEA 22C006	1Y							V						RLB	RLB-ILBO
1,256	LTU -22 -22D010	LTU-LT2224	LEVEL TRANS (EXTDISPL) SLOP OIL 22D010	1Y							V						RLB	RLB-ILBO
1,257	LTU -22 -22D014	LTU-LT2227	LEVEL TRANS (EXTDISPL) SLOP OIL 22D014	1Y							V						RLB	RLB-ILBO
1,258	LTU -22 -22C008	LTU-LT2229	LEVEL TRANS (D/P TYPE) RICH DEA 22C008	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	LTU -22 -22D001	LTU-LT2231	LEVEL TRANS (EXTDISP) STEAM COND 22D001	1Y							V						RLB	RLB-ILBO
1,260	LTU -22 -22T001	LTU-LT2233	LEVEL TRANS (TANKAGE) NMP 22T001	1Y							V						RLB	RLB-ILBO
1,261	LTU -22 -22T002	LTU-LT2236	LEVEL TRANS (TANKAGE) NMP 22T002	1Y							V						RLB	RLB-ILBO
1,262	LTU -22 -22T003	LTU-LT2238	LEVEL TRANS (TANKAGE) WET NMP 22T003	1Y							V						RLB	RLB-ILBO
1,263	LTU -22 -22D015	LTU-LT2240	LEVEL TRANS OF 22D015	1Y							V						RLB	RLB-ILBO
1,264	LTU -22 -22D011	LTU-LT2243	LEVEL TRANS (EXTDISPL) NMP 22D011	1Y							V						RLB	RLB-ILBO
1,265	LTU -22 -22C007	LTU-LT2244	LEVEL TRANS (EXTDISPL) NMP 22C007	1Y							V						RLB	RLB-ILBO
1,266	LTU -23 -23D002	LTU-LT2301	LEVEL D/P TRANS (DIAPH) WARM SOL 23D002	1Y							V						RLB	RLB-ILBO
1,267	LTU -23 -23D002	LTU-LT2302	LEVEL D/P TRANS (DIAPH) WARM SOL 23D002	1Y							V						RLB	RLB-ILBO
1,268	LTU -23 -23D003A	LTU-LT2303	LEVEL D/P TRANS (DIAPH) SOL 23D003A	1Y							V						RLB	RLB-ILBO
1,269	LTU -23 -23D003A	LTU-LT2304	LEVEL D/P TRANS (DIAPH) X 23D003A	1Y							V						RLB	RLB-ILBO
1,270	LTU -23 -23D003B	LTU-LT2305	LEVEL D/P TRANS (DIAPH) 23D003B	1Y							V						RLB	RLB-ILBO
1,271	LTU -23 -23D003B	LTU-LT2306	LEVEL D/P TRANS (DIAPH) 23D003B	1Y							V						RLB	RLB-ILBO
1,272	LTU -23 -23D004	LTU-LT2307	LEVEL D/P TRANS (DIAPH) 23D004	1Y							V						RLB	RLB-ILBO
1,273	LTU -23 -23F001A	LTU-LT2308	LEVEL D/P TRANS (DIAPH) 23F001A	1Y							V						RLB	RLB-ILBO
1,274	LTU -23 -23F001B	LTU-LT2309	LEVEL D/P TRANS (DIAPH) 23F001B	1Y							V						RLB	RLB-ILBO
1,275	LTU -23 -23F001C	LTU-LT2310	LEVEL D/P TRANS (DIAPH) 23F001C	1Y							V						RLB	RLB-ILBO
1,276	LTU -23 -23F001D	LTU-LT2311	LEVEL D/P TRANS (DIAPH) 23F001D	1Y							V						RLB	RLB-ILBO
1,277	LTU -23 -23F001E	LTU-LT2312	LEVEL D/P TRANS (DIAPH) 23F001E	1Y							V						RLB	RLB-ILBO
1,278	LTU -23 -23D005	LTU-LT2313	LEVEL D/P TRANS (DIAPH) 23D005	1Y							V						RLB	RLB-ILBO
1,279	LTU -23 -23D005	LTU-LT2314	LEVEL D/P TRANS (DIAPH) 23D005	1Y							V						RLB	RLB-ILBO
1,280	LTU -23 -23D005	LTU-LT2315	LEVEL D/P TRANS (DIAPH) 23D005	1Y							V						RLB	RLB-ILBO
1,281	LTU -23 -23D007	LTU-LT2316	LEVEL D/P TRANS DMO SOL 23D007	1Y							V						RLB	RLB-ILBO
1,282	LTU -23 -23C001	LTU-LT2317	LEVEL TRANS (EXTDISPL) DMO SOL 23C001	1Y							V						RLB	RLB-ILBO
1,283	LTU -23 -23D008	LTU-LT2318	LEVEL D/P TRANS DRY PROPANE 23D008	1Y							V						RLB	RLB-ILBO
1,284	LTU -23 -23D009	LTU-LT2319	LEVEL D/P TRANS OIL/ PROPANE 23D009	1Y							V						RLB	RLB-ILBO
1,285	LTU -23 -23C003	LTU-LT2320	LEVEL D/P TRANS (DIAPHSEAL) LUBE 23C003	1Y							V						RLB	RLB-ILBO
1,286	LTU -23 -23D019	LTU-LT2322	LEVEL D/P TRANS STEAM/ COND 23D019	1Y							V						RLB	RLB-ILBO
1,287	LTU -23 -23D010	LTU-LT2324	LEVEL D/P TRANS (DIAPH) 23D010	1Y							V						RLB	RLB-ILBO
1,288	LTU -23 -23D010	LTU-LT2325	LEVEL D/P TRANS (DIAPH) 23D010	1Y							V						RLB	RLB-ILBO
1,289	LTU -23 -23D011	LTU-LT2326	LEVEL TRANS (EXTDISPL) WAX/ PRO 23D011	1Y							V						RLB	RLB-ILBO
1,290	LTU -23 -23D012	LTU-LT2328	LEVEL D/P TRANS (DIAPHSEAL) WAX 23D012	1Y							V						RLB	RLB-ILBO
1,291	LTU -23 -23C004	LTU-LT2330	LEVEL D/P TRANS (DIAPH) 23C004	1Y							V						RLB	RLB-ILBO
1,292	LTU -23 -23D012	LTU-LT2332	LEVEL D/P TRANS KERO/ PROPANE 23D012	1Y							V						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-PCV2212A	PRESSURE SCAVENGING N2 OF 22K002A	1Y			I										RLB	RLB-ILBO
1,342	LTU -22 -22K002B	LTU-PCV2212B	PRESSURE SCAVENGING N2 OF 22K002B	1Y				I									RLB	RLB-ILBO
1,343	LTU -22 -22K002A	LTU-PCV2213A	PRESSURE INST AIR SUPPLY OF 22K002A	1Y			I										RLB	RLB-ILBO
1,344	LTU -22 -22K002B	LTU-PCV2213B	PRESSURE INST AIR SUPPLY OF 22K002B	1Y				I									RLB	RLB-ILBO
1,345	LTU -22 -22K003A	LTU-PCV2215A	PRESSURE SCAVENGING N2 OF 22K003A	1Y					I								RLB	RLB-ILBO
1,346	LTU -22 -22K003B	LTU-PCV2215B	PRESSURE SCAVENGING N2 OF 22K003B	1Y					I	I							RLB	RLB-ILBO
1,347	LTU -22 -22K003A	LTU-PCV2216A	PRESSURE INST AIR SUPPLY OF 22K003A	1Y					I								RLB	RLB-ILBO
1,348	LTU -22 -22K003A	LTU-PCV2216B	PRESSURE INST AIR SUPPLY OF 22K003B	1Y					I								RLB	RLB-ILBO
1,349	LTU -23 -23K001	LTU-PCV2312	PRESSURE STEAM TURBINE INLET OF 23K001	1Y										I			RLB	RLB-ILBO
1,350	LTU -23 -23K001	LTU-PCV2313	PRESSURE NITROGEN BLANKET OF 23K001	1Y										I			RLB	RLB-ILBO
1,351	LTU -23 -23K001	LTU-PCV2314	PRESSURE OIL HEADER PRESSURE OF 23K001	1Y										I			RLB	RLB-ILBO
1,352	LTU -23 -23K001	LTU-PCV2315	PRESSURE SEAL OIL SUPPLY OF 23K001	1Y										I			RLB	RLB-ILBO
1,353	LTU -23 -23K001	LTU-PCV2316	PRESSURE LUBE OIL SUPPLY OF 23K001	1Y										I			RLB	RLB-ILBO
1,354	LTU -23 -23K001	LTU-PCV2317	PRESSURE CONTROL OIL SUPPLY OF 23K001	1Y										I			RLB	RLB-ILBO
1,355	LTU -22 -PRESS	LT																

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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	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

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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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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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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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1,531	LТУ -00 -PRD	LТУ-PSV0002	"SV OF 16""SMD071001-A23100W"	5Y			I										RLB	RLB-MWOR
1,532	LТУ -00 -PRD	LТУ-PSV0003	"SV OF 14""SL0071001-A13100W"	5Y			I										RLB	RLB-MWOR
1,533	LТУ -00 -PRD	LТУ-PSV0005	"SV OF 6""SH0071001-A23150W"	5Y			I										RLB	RLB-MWOR
1,534	LТУ -00 -PRD	LТУ-PSV0006	SV OF 3AWR2219004	5Y			I										RLB	RLB-MWOR
1,535	LТУ -00 -PRD	LТУ-PSV0007	SV OF 3AML6982201	5Y			I										RLB	RLB-MWOR
1,536	LТУ -00 -PRD	LТУ-PSV0009	SV OF 3KER06943001	5Y			I										RLB	RLB-MWOR
1,537	LТУ -00 -PRD	LТУ-PSV0010	SV OF 4MSA3217007	5Y			I										RLB	RLB-MWOR
1,538	LТУ -00 -PRD	LТУ-PSV0011	SV OF 3SHQ2222007	5Y			I										RLB	RLB-MWOR
1,539	LТУ -22 -22C001	LТУ-PSV2201	SV OF 22C001	5Y			I										RLB	RLB-MWOR
1,540	LТУ -22 -PRD	LТУ-PSV2202	SV OF 22E028	5Y			I										RLB	RLB-MWOR
1,541	LТУ -22 -22D003	LТУ-PSV2203	SV OF 22D003	5Y			I										RLB	RLB-MWOR
1,542	LТУ -22 -22C002	LТУ-PSV2204A	PRESSURE RELIEF VALVE	5Y			I										RLB	RLB-MWOR
1,543	LТУ -22 -PRD	LТУ-PSV2204B	SV OF 22C002	5Y			I										RLB	RLB-MWOR
1,544	LТУ -22 -PRD	LТУ-PSV2204C	SV OF 22C002	5Y			I										RLB	RLB-MWOR
1,545	LТУ -22 -PRD	LТУ-PSV2205	SV OF 22K001A	5Y			I										RLB	RLB-MWOR
1,546	LТУ -22 -PRD	LТУ-PSV2206	SV OF 22K001B	5Y			I										RLB	RLB-MWOR
1,547	LТУ -22 -PRD	LТУ-PSV2207	SV OF 22D004	5Y			I										RLB	RLB-MWOR
1,548	LТУ -22 -PRD	LТУ-PSV2208	SV OF 22D004	5Y			I										RLB	RLB-MWOR
1,549	LТУ -22 -PRD	LТУ-PSV2209	SV OF 22D012	5Y			I										RLB	RLB-MWOR
1,550	LТУ -22 -PRD	LТУ-PSV2210	SV OF 22K002A	5Y			I										RLB	RLB-MWOR
1,551	LТУ -22 -PRD	LТУ-PSV2211	SV OF 22K002A	5Y			I										RLB	RLB-MWOR
1,552	LТУ -22 -PRD	LТУ-PSV2212	SV OF 22K002B	5Y			I										RLB	RLB-MWOR
1,553	LТУ -22 -PRD	LТУ-PSV2213	SV OF 22K002B	5Y			I										RLB	RLB-MWOR
1,554	LТУ -22 -PRD	LТУ-PSV2214	SV OF 22D008	5Y			I										RLB	RLB-MWOR
1,555	LТУ -22 -PRD	LТУ-PSV2215	SV OF 22C004	5Y			I										RLB	RLB-MWOR
1,556	LТУ -22 -PRD	LТУ-PSV2216	SV OF 22C006	5Y			I										RLB	RLB-MWOR
1,557	LТУ -22 -PRD	LТУ-PSV2217	SV OF 22J001A/B	5Y			I										RLB	RLB-MWOR
1,558	LТУ -22 -PRD	LТУ-PSV2218	SV OF 22D010	5Y			I										RLB	RLB-MWOR
1,559	LТУ -22 -PRD	LТУ-PSV2219	SV OF 22K003A	5Y			I										RLB	RLB-MWOR
1,560	LТУ -22 -PRD	LТУ-PSV2219052	PRESSURE RELIEF DEVICE FOR PIPING	5Y			I										RLB	RLB-MWOR
1,561	LТУ -22 -PRD	LТУ-PSV2220	SV OF 22K003B	5Y														

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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																

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1,599	LTX -23 -PRD	LTX-PSV2305A	SV OF 23D004	5Y			I										R/LB	R/LB-MWOR
1,600	LTX -23 -PRD	LTX-PSV2305B	SV OF 23D004	5Y			I										R/LB	R/LB-MWOR
1,601	LTX -23 -PRD	LTX-PSV2306	SV OF 23F001A	5Y			I										R/LB	R/LB-MWOR
1,602	LTX -23 -PRD	LTX-PSV2307	SV OF 23P002A	5Y			I										R/LB	R/LB-MWOR
1,603	LTX -23 -PRD	LTX-PSV2308	SV OF 23F001B	5Y			I										R/LB	R/LB-MWOR
1,604	LTX -23 -PRD	LTX-PSV2309	SV OF 23P002B	5Y			I										R/LB	R/LB-MWOR
1,605	LTX -23 -PRD	LTX-PSV2310	SV OF 23F001C	5Y			I										R/LB	R/LB-MWOR
1,606	LTX -23 -PRD	LTX-PSV2310I	"SV OF 3**-P-2312006-B11RV60K"	5Y			I										R/LB	R/LB-MWOR
1,607	LTX -23 -PRD	LTX-PSV2311	SV OF 23P002C	5Y			I										R/LB	R/LB-MWOR
1,608	LTX -23 -23P021A	LTX-PSV2311I	PRESSURE RELIEF DEVICE FOR 23P021A	5Y			I										R/LB	R/LB-MWOR
1,609	LTX -23 -23P021B	LTX-PSV23112	PRESSURE RELIEF DEVICE FOR 23P021B	5Y			I										R/LB	R/LB-MWOR
1,610	LTX -23 -23P022A	LTX-PSV23113	PRESSURE RELIEF DEVICE FOR 23P022A	5Y			I										R/LB	R/LB-MWOR
1,611	LTX -23 -23P022B	LTX-PSV23114	PRESSURE RELIEF DEVICE FOR 23P022B	5Y			I										R/LB	R/LB-MWOR
1,612	LTX -23 -PRD	LTX-PSV23119	PRESSURE RELIEF DEVICE FOR PIPING	5Y			I										R/LB	R/LB-MWOR
1,613	LTX -23 -PRD	LTX-PSV2312	SV OF 23F001D	5Y			I										R/LB	R/LB-MWOR
1,614	LTX -23 -PRD	LTX-PSV2313	SV OF 23P002D	5Y			I										R/LB	R/LB-MWOR
1,615	LTX -23 -PRD	LTX-PSV2314	SV OF 23F001E	5Y			I										R/LB	R/LB-MWOR
1,616	LTX -23 -PRD	LTX-PSV2315	SV OF 23P002E DISCH	5Y			I										R/LB	R/LB-MWOR
1,617	LTX -23 -PRD	LTX-PSV2316	SV OF 23D005	5Y			I										R/LB	R/LB-MWOR
1,618	LTX -23 -PRD	LTX-PSV2317A	SV OF 23D006	5Y			I										R/LB	R/LB-MWOR
1,619	LTX -23 -PRD	LTX-PSV2317B	SV OF 23D006	5Y			I										R/LB	R/LB-MWOR
1,620	LTX -23 -PRD	LTX-PSV2318A	SV OF 23D007	5Y			I										R/LB	R/LB-MWOR
1,621	LTX -23 -PRD	LTX-PSV2318B	SV OF 23D007	5Y			I										R/LB	R/LB-MWOR
1,622	LTX -23 -PRD	LTX-PSV2319	SV OF 23C001	5Y			I										R/LB	R/LB-MWOR
1,623	LTX -23 -PRD	LTX-PSV2320	SV OF 23D008	5Y			I										R/LB	R/LB-MWOR
1,624	LTX -23 -PRD	LTX-PSV2321	SV OF 23D009	5Y			I										R/LB	R/LB-MWOR
1,625	LTX -23 -PRD	LTX-PSV2322	SV OF 23J001B	5Y			I										R/LB	R/LB-MWOR
1,626	LTX -23 -PRD	LTX-PSV2323	SV OF 23D010	5Y			I										R/LB	R/LB-MWOR
1,627	LTX -23 -23P007A	LTX-PSV2324	PRESSURE RELIEF DEVICE FOR 23P007A	5Y			I										R/LB	R/LB-MWOR
1,628	LTX -23 -23P007A	LTX-PSV2325	PRESSURE RELIEF DEVICE FOR 23P007A	5Y			I										R/LB	R/LB-MWOR
1,629	LTX -23 -PRD	LTX-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 O/H/D	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 O/H/D	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 -																	

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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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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				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 -22P006A	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			I			I					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														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																

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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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Item	FL No.	Equipment No.	Equipment Description	Cycle	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Section	Work Center
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 23Z001 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
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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
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

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(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

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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	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.

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PREVENTIVE MAINTENANCE YEARLY SCHEDULE													Form No.					
PLANT: LUT YEAR: 2022													Effective Date 29.12.2021					
													Revision 0					
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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-INWB
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		I		IRI	IRI-INWB
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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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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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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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

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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

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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

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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		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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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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443	LUT -33 -QMI_WATER	LUT-A1330251	PH METER A1330251	1M	V	V	V	V	V	V	V	V	V	V	V	V	CAN	CAN-Q25
444	LUT -33 -QMI_WATER	LUT-A1330252	PH METER A1330252	1M	V	V	V	V	V	V	V	V	V	V	V	V	CAN	CAN-Q25
445	LUT -33 -QMI_WATER	LUT-A1330253	CONDUCTIVITY A1330253	3M			V			V			V		V		CAN	CAN-Q25
446	LUT -33 -QMI_WATER	LUT-A1330651	PH METER A1330651	1M	V	V	V	V	V	V	V	V	V	V	V	V	CAN	CAN-Q25
447	LUT -33 -QMI_WATER	LUT-A1330652	PH METER A1330652	1M	V	V	V	V	V	V	V	V	V	V	V	V	CAN	CAN-Q25
448	LUT -33 -QMI_WATER	LUT-A1C330201	PH METER A1C330201	1M	V	V	V	V	V	V	V	V	V	V	V	V	CAN	CAN-Q25
449	LUT -33 -QMI_WATER	LUT-A1C330301	PH METER A1C330301	1M	V	V	V	V	V	V	V	V	V	V	V	V	CAN	CAN-Q25
450	LUT -34 -QMI_WATER	LUT-A1C340101	PH METER A1C340101	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-A1R330201	SILICA A1R330201	1M	V	V	V	V	V	V	V	V	V	V	V	V	CAN	CAN-Q25
453	LUT -BDG-AIR	LUT-A1RCOND	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-C1A#H330201	CONDUCTIVITY C1A#H330201	3M	V			V		V			V				CAN	CAN-Q25
464	LUT -33 -QMI_WATER	LUT-C1A#H330203	CONDUCTIVITY C1A#H330203	3M	V			V		V			V				CAN	CAN-Q25
465	LUT -33 -QMI_WATER	LUT-C1A#H330601	CONDUCTIVITY C1A#H330601	3M	V			V		V			V				CAN	CAN-Q25
466	LUT -33 -QMI_WATER	LUT-C1A#H330602	CONDUCTIVITY C1A#H330602	3M	V			V		V			V				CAN	CAN-Q25
467	LUT -33 -QMI_WATER	LUT-C1R330202	CONDUCTIVITY C1R330202	3M	V			V		V			V				CAN	CAN-Q25
468	LUT -33 -QMI_WATER	LUT-C1R330204	CONDUCTIVITY C1R330204	3M	V			V		V			V				CAN	CAN-Q25
469	LUT -33 -QMI_WATER	LUT-C1R330603	CONDUCTIVITY C1R330603	3M	V			V		V			V				CAN	CAN-Q25
470	LUT -33 -QMI_WATER	LUT-C1R330604	CONDUCTIVITY C1R330604	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								

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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														

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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

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

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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

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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							I			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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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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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 EB5M	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	</													

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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	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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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
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					OCH	OCH-SWRL
5	TFL -E2D			12M								I					OCH	OCH-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-MDC			1Y						T							RLB	RLB-ELBO
9	TFL -E2C-MDC			1Y								T					RLB	RLB-ELBO
10	TFL -E2C-MDC			1Y									T				RLB	RLB-ELBO
11	TFL -E2D-MDC			1Y						T							RLB	RLB-ELBO
12	TFL -E2D-MDC			1Y								T					RLB	RLB-ELBO
13	TFL -E2D-MDC			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	L	L	L		21M	21M-TFL
20	TFL -61 -61TN062A -N01	10012787	MIXER; PLENTY; 18P-TM5	2M	I		I		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	L	L	L		21M	21M-TFL
23	TFL -61 -61TN062B -N01	10012788	MIXER; PLENTY; 18P-TM5	2M	I		I		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	L	L	L		21M	21M-TFL
26	TFL -61 -61TN063A -N01	10012789	MIXER & AGITATOR; PLENTY; 16P-TM4	2M	I		I		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	L	L	L		21M	21M-TFL
29	TFL -61 -61TN063B -N01	10012790	MIXER & AGITATOR; PLENTY; 16P-TM4	2M	I		I		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	L	L	L		21M	21M-TFL
32	TFL -61 -61TN064A -N01	10012791	MIXER & AGITATOR; PLENTY; 16P-TM4	2M	I		I		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	L	L		21M	21M-TFL

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
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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Item	FL No.	Equipment No.	Equipment Description	Cycle	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	Section	Work Center
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						L					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				L		RLB	RLB-ELBO
170	TFL -61 -61P001A	TFL-61P001A-M01	MD1	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
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

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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	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						I				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			I						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

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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

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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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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
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		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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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	MD1	6M				L						L			RLB	RLB-ELBO
444	TFL -61 -61P065B	TFL-61P065B-M01	MD1	1Y					I								RLB	RLB-ELBO
445	TFL -61 -61P065B	TFL-61P065B-M01	MD1	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				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	MD1	1Y		I											RLB	RLB-ELBO
450	TFL -61 -61P071A	TFL-61P071A-M01	MD1	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	MD1	1Y	I												RLB	RLB-ELBO
454	TFL -61 -61P071B	TFL-61P071B-M01	MD1	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	MD1	1Y													RLB	RLB-ELBO
458	TFL -61 -61P072A	TFL-61P072A-M01	MD1	5Y		T	H										RLB	RLB-ELBO
459	TFL -61 -61P072A	TFL-61P072A-M01	MD1	4M				L				L			L		RLB	RLB-ELBO
460	TFL -61 -61P072A	TFL-61P072A-M01	MD1	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	MD1	1Y	T												RLB	RLB-ELBO
467	TFL -61 -61P072B	TFL-61P072B-M01	MD1	5Y			H										RLB	RLB-ELBO
468	TFL -61 -61P072B	TFL-61P072B-M01	MD1	6M					L					L			RLB	RLB-ELBO
469	TFL -61 -61P072B	TFL-61P072B-M01	MD1	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-MLBO
473	TFL -61 -61P072B	TFL-61P07																

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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	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			I	RLB	RLB-MLBO
482	TFL -61 -61P073A	TFL-61P073A-P01	VR PUMP	6M		I				L		I					I	RLB	RLB-MLBO
483	TFL -61 -61P073A	TFL-61P073A-P01	VR PUMP	2M		L		L		L		L		L		L	I	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		I	IRI	IRI - INVB	
489	TFL -61 -61P073B	TFL-61P073B-P01	VR PUMP	6M					I						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

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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																		

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545	TFL -61 -61P078A	TFL-61P078A-P01	WAX LOADING PUMP	3M			L			L			L			L	RLB	RLB-MLBO
546	TFL -61 -61P078A	TFL-61P078A-P01	WAX LOADING PUMP	6M		I					I						RLB	RLB-MLBO
547	TFL -61 -61P078A	TFL-61P078A-P01	WAX LOADING PUMP	2M		L		L		L		L		L		L	RLB	RLB-MLBO
548	TFL -61 -61P078B	TFL-61P078B-M01	MD1	1Y					T								RLB	RLB-ELBO
549	TFL -61 -61P078B	TFL-61P078B-M01	MD1	6M				L						L			RLB	RLB-ELBO
550	TFL -61 -61P078B	TFL-61P078B-M01	MD1	1Y						I							RLB	RLB-ELBO
551	TFL -61 -61P078B	TFL-61P078B-P01	WAX LOADING PUMP	2M		I		I		I		I		I		I	IRI	IRI - INVB
552	TFL -61 -61P078B	TFL-61P078B-P01	WAX LOADING PUMP	6M					I						I		RLB	RLB-MLBO
553	TFL -61 -61P078B	TFL-61P078B-P01	WAX LOADING PUMP	3M		L			L			L			L		RLB	RLB-MLBO
554	TFL -61 -61P078B	TFL-61P078B-P01	WAX LOADING PUMP	6M			I						I				RLB	RLB-MLBO
555	TFL -61 -61P078B	TFL-61P078B-P01	WAX LOADING PUMP	2M	L		L		L		L		L		L		RLB	RLB-MLBO
556	TFL -61 -61P079A	TFL-61P079A-M01	MD1	1Y				T									RLB	RLB-ELBO
557	TFL -61 -61P079A	TFL-61P079A-M01	MD1	1Y						I							RLB	RLB-ELBO
558	TFL -61 -61P079A	TFL-61P079A-P01	SLACK WAX PUMP	2M		I		I		I		I		I		I	IRI	IRI - INVB
559	TFL -61 -61P079A	TFL-61P079A-P01	SLACK WAX PUMP	2M	I		I		I		I		I		I		IRI	IRI - INVB
560	TFL -61 -61P079A	TFL-61P079A-P01	SLACK WAX PUMP	6M						I						I	RLB	RLB-MLBO
561	TFL -61 -61P079A	TFL-61P079A-P01	SLACK WAX PUMP	3M			L			L			L			L	RLB	RLB-MLBO
562	TFL -61 -61P079A	TFL-61P079A-P01	SLACK WAX PUMP	6M		I					I						RLB	RLB-MLBO
563	TFL -61 -61P079A	TFL-61P079A-P01	SLACK WAX PUMP	2M		L		L		L		L		L		L	RLB	RLB-MLBO
564	TFL -61 -61P079B	TFL-61P079B-M01	MD1	1Y					T								RLB	RLB-ELBO
565	TFL -61 -61P079B	TFL-61P079B-M01	MD1	1Y						I							RLB	RLB-ELBO
566	TFL -61 -61P079B	TFL-61P079B-P01	SLACK WAX PUMP	2M		I		I		I		I		I		I	IRI	IRI - INVB
567	TFL -61 -61P079B	TFL-61P079B-P01	SLACK WAX PUMP	6M					I						I		RLB	RLB-MLBO
568	TFL -61 -61P079B	TFL-61P079B-P01	SLACK WAX PUMP	3M		L			L			L			L		RLB	RLB-MLBO
569	TFL -61 -61P079B	TFL-61P079B-P01	SLACK WAX PUMP	6M			I						I				RLB	RLB-MLBO
570	TFL -61 -61P079B	TFL-61P079B-P01	SLACK WAX PUMP	2M	L		L		L		L		L		L		RLB	RLB-MLBO
571	TFL -61 -61P080	TFL-61P080-M01	MD1	1Y						I							RLB	RLB-ELBO
572	TFL -61 -61P080	TFL-61P080-M01	MD1	1Y						I							RLB	RLB-ELBO
573	TFL -61 -61P080	TFL-61P080-P01	FRESH C3 LPG PUMP	6M					I						I		RLB	RLB-MLBO
574	TFL -61 -61P081	TFL-61P081-M01	MD1	1Y		I											RLB	RLB-ELBO
575	TFL -61 -61P081	TFL-61P081-M01	MD1	1Y														

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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							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		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	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 -61P1																	

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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		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		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						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	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
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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

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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

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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	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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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			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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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			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									

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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			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			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			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			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				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			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				I	RLB	RLB-MLBO
816	TFL -61 -61T062A	TFL-61T062A-T01	BLOWN ASPHALT (30/40) TANK	1Y							I						IRI	IRI - INTP

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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				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			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			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				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						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			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			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			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			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			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			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	MD1	4M	L				L					L			RLB	RLB-ELBO
864	TFL -61 -61T034A	TFL-61TN034A-M01	MD1	1Y					I								RLB	RLB-ELBO
865	TFL -61 -61T034A	TFL-61TN034A-M01	MD1	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-N01	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		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	MD1	1Y	I												RLB	RLB-ELBO
923	TFL -61 -61T023A	TFL-61TN23A-M01	MD1	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	MD1	1Y	I												RLB	RLB-ELBO
928	TFL -61 -61T023B	TFL-61TN23B-M01	MD1	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		RLB	RLB-MLBO
932	TFL -61 -61T024A	TFL-61TN24A-M01	MD1	1Y	I												RLB	RLB-ELBO
933	TFL -61 -61T024A	TFL-61TN24A-M01	MD1	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	MD1	1Y	I						L		L				RLB	RLB-ELBO
938	TFL -61 -61T024B	TFL-61TN24B-M01	MD1	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	MD1	1Y	I												RLB	RLB-ELBO
943	TFL -61 -61T025A	TFL-61TN25A-M01	MD1	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	MD1	1Y	I												RLB	RLB-ELBO
948	TFL -61 -61T025B	TFL-61																

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953	TFL -61 -61T025C	TFL-61TN25C-M01	MD1	1Y				I									RLB	RLB-ELBO
954	TFL -61 -61T025C	TFL-61TN25C-N01	500 N RAFFINATE AGITATOR	2M		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	MD1	1Y	I												RLB	RLB-ELBO
958	TFL -61 -61T026A	TFL-61TN26A-M01	MD1	1Y				I									RLB	RLB-ELBO
959	TFL -61 -61T026B	TFL-61TN26B-M01	MD1	1Y	I												RLB	RLB-ELBO
960	TFL -61 -61T026B	TFL-61TN26B-M01	MD1	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	MD1	1Y	I												RLB	RLB-ELBO
965	TFL -61 -61T026C	TFL-61TN26C-M01	MD1	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	6M				I					I				RLB	RLB-MLBO
968	TFL -61 -61T026C	TFL-61TN26C-N01	150 BS RAFFINATE AGITATOR	2M		L		L		L		L		L		L	RLB	RLB-MLBO
969	TFL -61 -61T037B	TFL-61TN37B-M01	MD1	1Y					I								RLB	RLB-ELBO
970	TFL -61 -61T037B	TFL-61TN37B-M01	MD1	4M	L				L				L				RLB	RLB-ELBO
971	TFL -61 -61T037B	TFL-61TN37B-M01	MD1	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	MD1	1Y						T							RLB	RLB-ELBO
981	TFL -61 -61T075A	TFL-61TN75A-M01	MD1	1Y						I							RLB	RLB-ELBO
982	TFL -61 -61T075A	TFL-61TN75A-M01	MD1	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																	

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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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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-FT0004	FLOW D/P TRANS OF WB TO VDU/DAU	1Y		V											RLB	RLB-ILBO
1,087	TFL -61 -FLOW	TFL-FT0005	FLOW D/P TRANS OF CPL TO U/T PLANT	1Y		V											RLB	RLB-ILBO
1,088	TFL -61 -FLOW	TFL-FT0006	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-FT0007	FLOW D/P TRANS OF WS FROM COOLING TOWER	1Y		V											RLB	RLB-ILBO
1,090	TFL -61 -FLOW	TFL-FT0008	FLOW D/P TRANS OF INST AIR FROM U/T	1Y			V										RLB	RLB-ILBO
1,091	TFL -61 -FLOW	TFL-FT0009	FLOW D/P TRANS OF PLANT AIR FROM U/T	1Y			V										RLB	RLB-ILBO
1,092	TFL -61 -FLOW	TFL-FT0010	FLOW D/P TRANS OF NL TO TANKAGE AREA	1Y			V										RLB	RLB-ILBO
1,093	TFL -61 -FLOW	TFL-FT0011	FLOW D/P TRANS OF LPG FROM SPLITTER HDR	1Y			V										RLB	RLB-ILBO
1,094	TFL -61 -FLOW	TFL-FT0369	FLOW D/P TRANS OF H2 FROM EBSM	1Y					V								RLB	RLB-ILBO
1,095	TFL -61 -FLOW	TFL-FT2001	FLOW D/P TRANS OF SLOP OIL TO 69T011	1Y	V												RLB	RLB-ILBO
1,096	TFL -61 -FLOW	TFL-FT2002	FLOW D/P TRANS LIGHT SLOP TO DESEL BLEND	1Y	V												RLB	RLB-ILBO
1,097	TFL -61 -FLOW	TFL-FT2007	FLOW D/P TRANS OF SOUR WATER TO SMS	1Y	V												RLB	RLB-ILBO
1,098	TFL -61 -FLOW	TFL-FT2008	FLOW D/P TRANS OF DCC FEED TO DCC UNIT	1Y	V												RLB	RLB-ILBO
1,099	TFL -61 -FLOW	TFL-FT2011	FLOW D/P TRANS OF FUEL OIL TO 69T071	1Y		V											RLB	RLB-ILBO
1,100	TFL -61 -FLOW	TFL-FT2012	FLOW D/P TRANS OF SLACK WAX TO DCC UNIT	1Y		V											RLB	RLB-ILBO
1,101	TFL -61 -FLOW	TFL-FT2013	FLOW D/P TRANS OF SPENT CAUSTIC TO TANK	1Y		V											RLB	RLB-ILBO
1,102	TFL -61 -FLOW	TFL-F610101	FLOW D/P TRANS ATB DISCH 61P001A/B	1Y										V			RLB	RLB-ILBO
1,103	TFL -61 -61H011	TFL-F6101501	FLOW TRANSMITTER	1Y										V			RLB	RLB-ILBO
1,104	TFL -61 -FLOW	TFL-F610201	FLOW D/P TRANS SLOP OIL DISCH 61P071A/B	1Y										V			RLB	RLB-ILBO
1,105	TFL -61 -FLOW	TFL-F610401	FLOW D/P TRANS DIST DISCH 61P002A/B	1Y										V			RLB	RLB-ILBO
1,106	TFL -61 -FLOW	TFL-F610801	FLOW D/P TRANS DIST DISCH 61P002C/D	1Y										V			RLB	RLB-ILBO
1,107	TFL -61 -FLOW	TFL-F611001	FLOW D/P TRANS DIST DISCH 61P004B	1Y										V			RLB	RLB-ILBO
1,108	TFL -61 -FLOW	TFL-F611002	FLOW P/D METER DIST DISCH 61P004B	1Y							V						RLB	RLB-ILBO
1,109	TFL -61 -FLOW	TFL-F611003	FLOW D/P TRANS DIST DISCH 61P004A	1Y								V					RLB	RLB-ILBO
1,110	TFL -61 -FLOW	TFL-F611004	FLOW P/D METER DIST DISCH 61P004A	1Y							V						RLB	RLB-ILBO
1,111	TFL -61 -FLOW	TFL-F611101	FLOW D/P TRANS SLOP OIL DISCH 61P072A/B	1Y										V			RLB	RLB-ILBO
1,112	TFL -61 -FLOW	TFL-F611901	FLOW D/P TRANS RAFF DISCH 61P021A/B	1Y										V			RLB	RLB-ILBO
1,113	TFL -61 -FLOW	TFL-F612301	FLOW D/P TRANS LIGHT EXTR 61P051A/B FROM	1Y										V			RLB	RLB-ILBO
1,114	TFL -61 -FLOW	TFL-F612302	FLOW D/P TRANS VR VDU VR FROM	1Y										V			RLB	RLB-ILBO
1,115	TFL -61 -FLOW	TFL-F612303	FLOW P/D METER ASPH FROM ASPHALTENE	1Y			V										RLB	RLB-ILBO
1,116	TFL -61 -FLOW	TFL-F612304	FLOW D/P TRANS DO DCC UNIT DO FROM	1Y										V			RLB	RLB-ILBO
1,117	TFL -61 -FLOW	TFL-F612305	FLOW D/P TRANS LCO DCC UNIT LCO FROM	1Y										V			RLB	RLB-ILBO
1,118	TFL -61 -FLOW	TFL-F612306	FLOW D/P TRANS HQD 69T007 HQD FROM	1Y										V			RLB	RLB-ILBO
1,119	TFL -61 -FLOW	TFL-F612307	FLOW D/P TRANS ATB 69T070A/B ATB FROM	1Y										V			RLB	RLB-ILBO
1,120	TFL -61 -FLOW	TFL-F612401	FLOW P/D METER 300N EXTR DISCH 61P053A/B	1Y								V					RLB	RLB-ILBO
1,121	TFL -61 -FLOW	TFL-F612402	FLOW P/D METER 150BS DISCH 61P053A/B	1Y								V					RLB	RLB-ILBO
1,122	TFL -61 -FLOW	TFL-F612601	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-FT612701	FLOW D/P TRANS DCC FEED DISCH 61P075A/B	1Y											V		RLB	RLB-ILBO
1,124	TFL -61 -FLOW	TFL-FT612801	FLOW D/P TRANS 60N PRODUCT DISCH 61P031	1Y											V		RLB	RLB-ILBO
1,125	TFL -61 -FLOW	TFL-FT612802	FLOW D/P TRANS 300N DISCH 61P034A/B	1Y											V		RLB	RLB-ILBO
1,126	TFL -61 -FLOW	TFL-FT612803	FLOW MASS TRANS LUBE INLET 61T031	1Y												V	RLB	RLB-ILBO
1,127	TFL -61 -FLOW	TFL-FT612804	FLOW MASS TRANS LUBE INLET 61T035	1Y												V	RLB	RLB-ILBO
1,128	TFL -61 -FLOW	TFL-FT612901	FLOW D/P TRANS 150N DISCH 61P043A	1Y											V		RLB	RLB-ILBO
1,129	TFL -61 -FLOW	TFL-FT612902	FLOW D/P TRANS 150N PRODUCT DISCH 61P033	1Y											V		RLB	RLB-ILBO
1,130	TFL -61 -FLOW	TFL-FT613001	FLOW D/P TRANS 300N DISCH 61P044A/B	1Y											V		RLB	RLB-ILBO
1,131	TFL -61 -FLOW	TFL-FT613101	FLOW D/P TRANS 100N DISCH 61P032A/B	1Y											V		RLB	RLB-ILBO
1,132	TFL -61 -FLOW	TFL-FT613102	FLOW D/P TRANS 100N PRODUCT DISCH 61P042	1Y											V		RLB	RLB-ILBO
1,133	TFL -61 -FLOW	TFL-FT613103	FLOW MASS TRANS 100N INLET 61T032	1Y												V	RLB	RLB-ILBO
1,134	TFL -61 -FLOW	TFL-FT613301	FLOW D/P TRANS 500N PRODUCT DISCH 61P036	1Y												V	RLB	RLB-ILBO
1,135	TFL -61 -FLOW	TFL-FT613302	FLOW D/P TRANS 500N PRODUCT DISCH 61P046	1Y												V	RLB	RLB-ILBO
1,136	TFL -61 -FLOW	TFL-FT613501	FLOW D/P TRANS 150BS DISCH 61P037A/B	1Y												V	RLB	RLB-ILBO
1,137	TFL -61 -FLOW	TFL-FT613502	FLOW D/P TRANS 150BS DISCH 61P047A/B	1Y												V	RLB	RLB-ILBO
1,138	TFL -61 -FLOW	TFL-FT613703	FLOW MASS TRANS SLACK WAX INLET 61T079	1Y												V	RLB	RLB-ILBO
1,139	TFL -61 -61H051	TFL-FT613711	FLOW TRANSMITTER	1Y											V		RLB	RLB-ILBO
1,140	TFL -61 -LUBE_T/L	TFL-FT614401	FLOW MASS TRANS OF METER 24 LUBE T/L	6M		V						V					RLB	RLB-ILBO
1,141	TFL -61 -LUBE_T/L	TFL-FT614403	FLOW MASS TRANS OF METER 23 LUBE T/L	6M		V						V					RLB	RLB-ILBO
1,142	TFL -61 -61H001B	TFL-FT614452	FLOW TRANSMITTER	6M		V						V					RLB	RLB-ILBO
1,143	TFL -61 -61H002B	TFL-FT614454	FLOW TRANSMITTER	6M		V						V					RLB	RLB-ILBO
1,144	TFL -61 -LUBE_T/L	TFL-FT614501	FLOW MASS TRANS OF METER 34 LUBE T/L	6M		V						V					RLB	RLB-ILBO
1,145	TFL -61 -LUBE_T/L	TFL-FT614502	FLOW MASS TRANS OF METER 32 LUBE T/L	6M		V						V					RLB	RLB-ILBO
1,146	TFL -61 -LUBE_T/L	TFL-FT614503	FLOW MASS TRANS OF METER 44 LUBE T/L	6M		V						V					RLB	RLB-ILBO
1,147	TFL -61 -61H004B	TFL-FT614554	FLOW TRANSMITTER	1Y										V			RLB	RLB-ILBO
1,148	TFL -61 -LUBE_T/L	TFL-FT614601	FLOW MASS TRANS OF METER 33 LUBE T/L	6M		V						V					RLB	RLB-ILBO
1,149	TFL -61 -LUBE_T/L	TFL-FT614603	FLOW MASS TRANS OF METER 43 LUBE T/L	6M		V						V					RLB	RLB-ILBO
1,150	TFL -61 -61H005B	TFL-FT614652	FLOW TRANSMITTER	6M		V						V					RLB	RLB-ILBO
1,151	TFL -61 -61H006B	TFL-FT614654	FLOW TRANSMITTER	6M		V						V					RLB	RLB-ILBO
1,152	TFL -61 -LUBE_T/L	TFL-FT614701	FLOW MASS TRANS OF METER 14 LUBE T/L	1Y										V			RLB	RLB-ILBO
1,153	TFL -61 -61H009B	TFL-FT614702	FLOW TRANSMITTER	1Y										V			RLB	RLB-ILBO
1,154	TFL -61 -LUBE_T/L	TFL-FT614703	FLOW MASS TRANS OF METER 13 LUBE T/L	1Y										V			RLB	RLB-ILBO
1,155	TFL -61 -LUBE_T/L	TFL-FT614704	FLOW MASS TRANS OF METER 11 LUBE T/L	1Y										V			RLB	RLB-ILBO
1,156	TFL -61 -61H010A	TFL-FT614751	FLOW TRANSMITTER	1Y										V			RLB	RLB-ILBO

PREVENTIVE MAINTENANCE YEARLY SCHEDULE
PLANT: LUBE YEAR: 2022

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1,157	TFL -61 -61H010B	TFL-FT614752	FLOW TRANSMITTER	1Y										V			RLB	RLB-ILBO
1,158	TFL -61 -ASPH	TFL-FT614801	FLOW MASS TRANS OF METER 52 ASPH T/L	1Y										V			RLB	RLB-ILBO
1,159	TFL -61 -ASPH	TFL-FT614802	FLOW MASS TRANS OF METER 62 ASPH T/L	1Y										V			RLB	RLB-ILBO
1,160	TFL -61 -ASPH	TFL-FT614803	FLOW MASS TRANS OF METER 72 ASPH T/L	1Y										V			RLB	RLB-ILBO
1,161	TFL -61 -ASPH	TFL-FT614804	FLOW MASS TRANS OF METER 51 ASPH T/L	1Y										V			RLB	RLB-ILBO
1,162	TFL -61 -ASPH	TFL-FT614805	FLOW MASS TRANS OF METER 61 ASPH T/L	1Y										V			RLB	RLB-ILBO
1,163	TFL -61 -ASPH	TFL-FT614806	FLOW MASS TRANS OF METER 71 ASPH T/L	1Y										V			RLB	RLB-ILBO
1,164	TFL -61 -FLOW	TFL-FT615101	FLOW D/P TRANS PROPANE INLET 61T080	1Y											V		RLB	RLB-ILBO
1,165	TFL -61 -FLOW	TFL-FT615102	FLOW D/P TRANS PROPANE DISCH 61P080	1Y											V		RLB	RLB-ILBO
1,166	TFL -61 -FLOW	TFL-FT615201	FLOW D/P TRANS PROPANE DISCH 61P081	1Y											V		RLB	RLB-ILBO
1,167	TFL -61 -FLOW	TFL-FT615202	FLOW D/P TRANS PROPANE DISCH 61P082A/B	1Y											V		RLB	RLB-ILBO
1,168	TFL -61 -FLOW	TFL-FT615203	FLOW D/P TRANS OF 61P090	1Y										V			RLB	RLB-ILBO
1,169	TFL -61 -FLOW	TFL-FT617501	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_GD	TFL-GD6101	GAS DETECTOR OF 61P080	4M				V				V				V	CAN	CAN-Q25
1,219	TFL -61 -QMI_GD	TFL-GD6101	GAS DETECTOR OF 61P080	4M				V				V				V		

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1,225	TFL -65 -GROUND-LN	TFL-GROUND-LN	GROUND-LN	1Y					P								RLB	RLB-ELBO
1,226	TFL -61 -CV	TFL-HW615102	SCE ON-OFF V/V LUBE LV-5101 INLET	1Y										I			RLB	RLB-ILBO
1,227	TFL -61 -CV	TFL-HW615102	SCE ON-OFF V/V LUBE LV-5101 INLET	5Y											F		RLB	RLB-ILBO
1,228	TFL -61 -CV	TFL-HW615102	SCE ON-OFF V/V LUBE LV-5101 INLET	1Y										F			RLB	RLB-ILBO
1,229	TFL -61 -CV	TFL-HW615201	ON-OFF V/V 61P080	1Y										F			RLB	RLB-ILBO
1,230	TFL -61 -CV	TFL-HW615202	ON-OFF V/V LPG 61T082 OUTLET	1Y										F			RLB	RLB-ILBO
1,231	TFL -CCR- INTEROOM	TFL-INTEROOM	INTEROOM AREA CCR TFL	1Y													CES	CES-INST
1,232	TFL -61 -ASPH	TFL-LS614801	LEVEL S/W SLOP OIL 61T084	1Y		P							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-LSHL0003	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-LSLL615102	SCE LEVEL S/W LPG 61T080	1Y							I						RLB	RLB-ILBO
1,241	TFL -61 -61T080	TFL-LSLL615102	SCE LEVEL S/W LPG 61T080	5Y											F		RLB	RLB-ILBO
1,242	TFL -61 -61T001	TFL-LT610101	LEVEL TANK SERVO AR 61T001	1Y				V									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														

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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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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							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

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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	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

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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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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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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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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-TE619572	TEMP TANK ELEMENT OF 61T064D	3M			I			I			I			I	RLB	RLB-ILBO
1,589	TFL -61 -TEMP	TFL-TT0007	TEMP TRANS OF LRG 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	TEMP TRANS DIST OUTLET 61N001	1Y									V				RLB	RLB-ILBO
1,593	TFL -61 -61T102	TFL-TT6110102	TEMP TRANS FUEL OIL OUTLET 61E103	1Y													RLB	RLB-ILBO
1,594	TFL -61 -TEMP	TFL-TT6110103	TEMP TRANS OF 61E103 OUTLET	1Y													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

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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
1,599	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

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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

เอกสารแนบที่ 11

**เอกสารอนุญาตให้โรงงานมีบุคลากรด้านสิ่งแวดล้อม
ประจำโรงงาน**



CPRO รับวันที่ 25 พ.ค. NO. CPRO. 043 /25.64

INQ รับวันที่ 27.5.14 NO. 078.164

13

ที่ อก ๐๓๑๗/ ๔๔๑๖

กรมโรงงานอุตสาหกรรม
ถนนพระรามที่ ๖ แขวงทุ่งพญาไท
เขตราชเทวี กรุงเทพฯ ๑๐๔๐๐

๐๙ เมษายน ๒๕๖๔

เรื่อง หนังสือรับแจ้งการมีบุคลากรด้านสิ่งแวดล้อมประจำโรงงาน

เรียน ผู้รับใบอนุญาตประกอบกิจการโรงงาน บริษัท โออาร์พีซี จำกัด (มหาชน)

อ้างถึง คำขอเลขที่ ๐๔๗๒ ลงรับวันที่ ๒ เมษายน ๒๕๖๔

ตามคำขอที่อ้างถึง ท่านแจ้งการมีบุคลากรด้านสิ่งแวดล้อมประจำโรงงาน ของ
บริษัท โออาร์พีซี จำกัด (มหาชน) ทะเบียนโรงงานเลขที่ ข ๓-๕๐(๔)-๑/๔๑ รย ประกอบกิจการผลิต
น้ำมันหล่อลื่นพื้นฐาน (Lube Base Oil) ตั้งอยู่ ณ เลขที่ ๒๙๙ หมู่ที่ ๕ เขตประกอบการอุตสาหกรรม
บริษัท โออาร์พีซี จำกัด (มหาชน) ถนนสุขุมวิท ตำบลเชิงเนิน อำเภอเมืองระยอง จังหวัดระยอง
โทรศัพท์ ๐ ๓๘๖๑ ๑๓๓๓

กรมโรงงานอุตสาหกรรมพิจารณาแล้ว รับแจ้งการมีบุคลากรด้านสิ่งแวดล้อมประจำโรงงาน
และให้ท่านยื่นคำขอแจ้งการมีบุคลากรด้านสิ่งแวดล้อมประจำโรงงานครั้งต่อไป ภายในวันที่ ๑๖ เมษายน ๒๕๖๔
โดยมีบุคลากรด้านสิ่งแวดล้อมประจำโรงงาน ดังนี้

ผู้จัดการสิ่งแวดล้อม			นายเสกสรรค์ ตราตรี		
ลำดับ	ผู้ควบคุมระบบบำบัด	เลขทะเบียน	มลพิษน้ำ	มลพิษอากาศ	มลพิษกากอุตสาหกรรม
๑	นายอุปาม ปิยะพันธ์	๐๒๐-๕๘-๐๐๕๒๙		✓	
๒	นายธีรชาติ วัชรธนาภิรักษ์	๑๐๓-๕๐-๐๐๓๖๓	✓		
๓	นายภูวดล จิรายุวนนท์	๐๐๓-๕๘-๐๐๗๑๕			✓

ลำดับ	ผู้ปฏิบัติงานประจำระบบบำบัด	มลพิษน้ำ	มลพิษอากาศ	มลพิษกากอุตสาหกรรม
๑	นายณัฐกร นภาเกียรติสกุล	✓	✓	✓
๒	นายณพล อดิพัฒน์พงษ์	✓		✓
๓	นายสมภพ ทองเต็ม	✓	✓	✓
๔	นายภูวนัย สุรบุญกุล	✓		
๕	นายสุนทรภู่ ผ่องใส	✓		✓
๖	นายกิตติ พูลธนะนันท์	✓	✓	✓
๗	นายธีรพงษ์ คำงาม		✓	✓
๘	นายวิกรม พรหมบุผา		✓	✓
๙	นายกิตติพิชญ์ จันทร์ดี		✓	
๑๐	นายสมเกียรติ ผิววงษ์	✓	✓	✓

ลำดับ ๑๑...

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๒/3

ลำดับ	ผู้ปฏิบัติงานประจำระบบบำบัด	มลพิษน้ำ	มลพิษอากาศ	มลพิษกากอุตสาหกรรม
๑๑	นายกังวาลย์ ปิยะธรรมสวัสดิ์	✓		✓
๑๒	นายสุรยุทธ อินทร์ไชยา			✓
๑๓	นายสนาน นิตสัมพันธ์	✓	✓	✓
๑๔	นายสุรสิทธิ์ สกุลศักดิ์อินโชติ			✓
๑๕	นายปฏิพัทธ์ พูลสวัสดิ์	✓		
๑๖	นายศิริยุทธ ศรีดารา	✓		✓
๑๗	นายนิกร โปณะทอง	✓		✓
๑๘	นายอำนาจ ไชยชิต			✓
๑๙	นายวัลลภ วุฒิชิราภรณ์	✓	✓	✓
๒๐	นายอุกฤษ พรมแก้ว		✓	✓
๒๑	นายธีรวิ วัฒนสิทธิ์		✓	✓
๒๒	นายธีรวิทย์ บุญชู		✓	✓
๒๓	นายสันต์ ชมภูรัตน์	✓		
๒๔	นายอุทิศ ดาแระ	✓	✓	✓
๒๕	นายณัฐวุฒิ ยืนยง		✓	✓
๒๖	นายอุบล บุญโสม			✓
๒๗	นายเอกขยา รุจิวงศ์	✓	✓	
๒๘	นายวีรพงศ์ พุค้ำ	✓		✓
๒๙	นายพนพลย์ ศิริจิระชัย	✓	✓	
๓๐	นายพิสนธ์ ศิริโชติสกุลวงศ์	✓	✓	
๓๑	นายสมจัน ฐระธรรม		✓	
๓๒	นายไกรศรี ปลื้มเกษร		✓	
๓๓	นายปริญญา วีระพันธ์		✓	✓
๓๔	นายสุพจน์ โสภามาตร	✓		✓
๓๕	นายทรงศักดิ์ แก้วทะชาติ		✓	✓
๓๖	นายภาณุภูมิ มีสติ	✓	✓	✓
๓๗	นายวุฒิชัย ศรีสุข			✓
๓๘	นายอลงกรณ์ เรืองพรหม	✓		
๓๙	นายธนู จันทนา	✓		✓
๔๐	นายสุพจน์ ลักษณะามิ	✓		

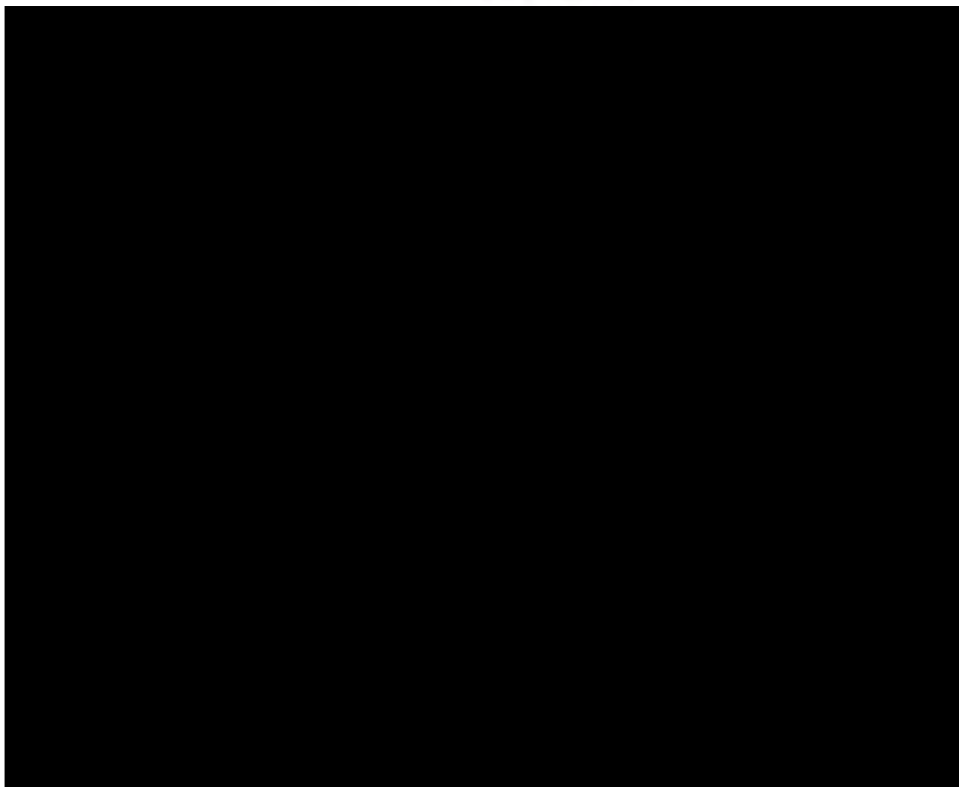
ลำดับ ๔๑...

ลำดับ	ผู้ปฏิบัติงานประจำระบบบำบัด	มลพิษน้ำ	มลพิษอากาศ	มลพิษกากอุตสาหกรรม
๔๑	นายสมพงษ์ ปลดปลิด	✓		
๔๒	นายสมหมาย พิศวงษ์	✓		
๔๓	นายภานุนาท ศรีศิริวรา		✓	
๔๔	นายเสกสรร ศรีโชค		✓	
๔๕	นายชัยยนต์ ตีสอน		✓	
๔๖	นายบัญชา คำชู			✓
๔๗	นายจิระติ เพชรแสน			✓
๔๘	นายมนัส ประถมวงศ์			✓
๔๙	นายนิพนธ์ จุ้ยบาง		✓	✓
๕๐	นายเสกสรรค์ สมหลาย			✓

หมายเหตุ ๑. การแจ้งการมี/ยกเลิก/เพิ่มเติม/เปลี่ยนแปลง บุคลากรด้านสิ่งแวดล้อมประจำโรงงาน ต้องส่งหนังสือฉบับนี้ด้วย
๒. ยกเลิกหนังสือรับแจ้งการมีบุคลากรด้านสิ่งแวดล้อมประจำโรงงาน ที่ อร กส๑๓/๑๒๑๗๖ ลงวันที่ ๔ กันยายน ๒๕๖๒

จึงเรียนมาเพื่อโปรดทราบ

ขอแสดงความนับถือ



เอกสารแนบที่ 12

เอกสารแบบรายงานการตรวจวัดการรั่วซึมของสารอินทรีย์

ระเหยง่าย ระหว่างเดือนกรกฎาคม-ธันวาคม 2565

แบบรายงานผลการตรวจวัดการรั่วซึมของสารอินทรีย์ระเหยจากอุปกรณ์

ประจำปี พ.ศ. 2565 ครั้งที่ 2

และการซ่อมแซมอุปกรณ์ในโรงงานอุตสาหกรรม

ประจำช่วงเดือน กรกฎาคม ถึงเดือน ธันวาคม

(๑ แบบรายงานต่อ ๑ โรงงาน)

รายละเอียดเกี่ยวกับโรงงาน

ชื่อโรงงาน บมจ. ไออาร์พีซี - LBOP ทะเบียนโรงงานเลขที่ ข 3-50(4)-1/41 รย

สถานที่ตั้งโรงงาน 299 หมู่ 5 ถนนสุขุมวิท ตำบลเชิงเนิน อำเภอเมือง จังหวัดระยอง

ปริมาณสารอินทรีย์ระเหยรวมที่มีหรือใช้ในกระบวนการผลิต ต้นต่อปี

ประเภทอุปกรณ์	สถานะสารอินทรีย์ระเหย	จำนวนอุปกรณ์ทั้งหมดของโรงงาน		จำนวนอุปกรณ์ที่ต้องตรวจวัดการรั่วซึมในรอบการรายงานครั้งนี้			ปริมาณสารอินทรีย์ระเหยรวมในรูปมีเทนที่รั่วซึมจากอุปกรณ์ที่ตรวจวัดการรั่วซึมทั้งหมดในรอบการรายงานครั้งนี้ กิโลกรัม
		จำนวนอุปกรณ์ที่ต้องตรวจวัดการรั่วซึม (จุด)	จำนวนอุปกรณ์ที่ได้รับการยกเว้นไม่ต้องตรวจวัดการรั่วซึม (จุด)	จำนวนอุปกรณ์ที่ตรวจการรั่วซึมทั้งหมด (จุด)	จำนวนอุปกรณ์ที่มีผลการตรวจวัดเกินจากเกณฑ์การควบคุมการรั่วซึม (จุด)	จำนวนอุปกรณ์ที่ได้รับการซ่อมแซมให้อยู่ในเกณฑ์การควบคุมการรั่วซึม (จุด)	
วาล์ว (Valves)	แก๊ส	234	1	0	0	0	0.00
	ของเหลว	3,319	60	0	0	0	0.00
ปั๊ม (Pumps)	ของเหลว	62	0	0	0	0	0.00
อุปกรณ์ลดความดัน (Pressure Relief Devices)	แก๊ส	3	0	0	0	0	0.00
	ของเหลว	274	3	0	0	0	0.00
เครื่องอัดอากาศ (Compressor)	ทั้งหมด	0	0	0	0	0	0.00
ข้อต่อหรือหน้าแปลน (Connectors or Flanges)	ทั้งหมด	5,282	83	22	0	0	0.03
ท่อส่งปลายเปิด (Open-Ended Lines)	ทั้งหมด	112	11	0	0	0	0.00
จุดเก็บตัวอย่างสารเคมี (Sampling Connections)	ทั้งหมด	0	0	0	0	0	0.00
อุปกรณ์ที่ใช้กวนหรือผสมของเหลว (Agitators or Mixer)	ทั้งหมด	29	0	0	0	0	0.00

ลงชื่อ

(.....)

ผู้จัดการสิ่งแวดล้อมหรือผู้ได้รับอนุญาตประกอบกิจการโรงงาน

เอกสารแนบที่ 13

เอกสารแผนการเฝ้าระวังในพื้นที่ปฏิบัติงานโดยรอบพื้นที่โครงการ
โดยใช้เครื่องมือตรวจวัดสารอินทรีย์ระเหยทำการตรวจวัด
และบันทึกผลที่ได้ในแบบฟอร์มการตรวจวัด VOCs

แผนการตรวจวัด VOCS fugitives year 2022

LBOD	jan	feb	mar	apr	may	jun	jul	aug	sep	oct	nov
shift A											
shift B											
shift C											
shift D											

LBOT	jan	feb	mar	apr	may	jun	jul	aug	sep	oct	nov
shift A											
shift B											
shift C											
shift D											

IMIL	jan	feb	mar	apr	may	jun	jul	aug	sep	oct	nov
shift A											
shift B											
shift C											
shift D											

plant	total points
LBOD	3595

LBOT	4711
------	------

IMIL	299
------	-----

total points fugitive of C5 8605 items

หมายเหตุ การรายงาน ผลการตรวจวัดให้ทางราชการจะแบ่งเป็น 2 ช่วงคือ
 1. เดือนกรกฎาคม เป็นการรายงานความคืบหน้า
 2. เดือนธันวาคม เป็นการรายงานการตรวจวัดทั้งหมด

เอกสารแนบที่ 14

เอกสาร Noise Contour

NOISE CONTOUR 2022

รายงานผลการตรวจวัดและผังแสดงระดับเสียง



โรงงานผลิตน้ำมันหล่อลื่น (Lube Base Oil Plant)

ตำบลเชิงเนิน อำเภอเมือง จังหวัดระยอง

ของ บริษัท ไออาร์พีซี จำกัด (มหาชน)

กรกฎาคม 2565

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รายงานผลการตรวจวัดและจัดทำผังแสดงเส้นระดับเสียง (Noise Contour Map)

1. บทนำ

บริษัทที่มีความตระหนักในการควบคุมและการจัดการสภาพแวดล้อมของโครงการ ให้อยู่ในสภาวะที่มีความปลอดภัยต่อการปฏิบัติงานของพนักงาน และส่งผลกระทบต่อคุณภาพสิ่งแวดล้อมโดยรวมให้น้อยที่สุด ทางบริษัท ไออาร์พีซี จำกัด (มหาชน) ได้ให้ความสนใจกับผลกระทบด้านเสียง โดยเฉพาะบริเวณกระบวนการผลิตหลายขั้นตอนที่ต้องใช้อุปกรณ์เครื่องจักรที่มีเสียงดัง การศึกษาและจัดทำผังแสดงเส้นระดับเสียงจะทำให้มองเห็นการกระจายของเสียงในพื้นที่ต่าง ๆ ซ้อนทับอยู่บนผังของโครงการ ซึ่งสามารถนำข้อมูลที่ได้ไปใช้ในการวางแผนการจัดการระดับเสียงของพื้นที่ต่าง ๆ ตลอดจนเสนอมาตรการลดผลกระทบต่อพนักงานที่ต้องปฏิบัติงานในพื้นที่นั้น ๆ และในการศึกษาได้ให้ความสำคัญกับบริเวณพื้นที่ที่มีระดับเสียงเฉลี่ย 85 เดซิเบลเอ ขึ้นไป ซึ่งถือเป็นระดับที่ควรต้องให้ความสนใจควบคุม และป้องกันเพื่อคุ้มครองสุขภาพของพนักงาน การเฝ้าระวัง และการติดตามตรวจสอบระดับเสียงต่อไป

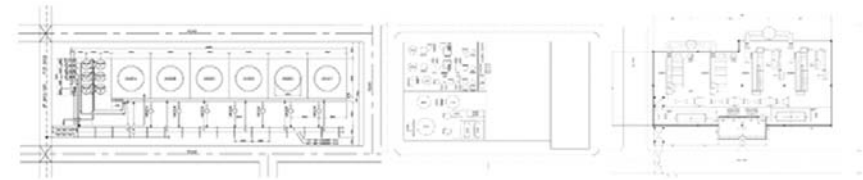
บริษัท เอส.พี.เอส. คอนซัลติ้ง เซอร์วิส จำกัด ได้ทำการตรวจวัดและจัดทำผังแสดงเส้นระดับเสียง (Noise Contour Map) เพื่อเป็นข้อมูลสำหรับการวางแผนการจัดการระดับเสียงของโครงการต่อไปให้กับบริษัท ไออาร์พีซี จำกัด (มหาชน) ซึ่งตั้งอยู่เลขที่ 299 หมู่ 5 ตำบลเชิงเนิน อำเภอเมือง จังหวัดระยอง โดยทำการตรวจวัด เมื่อวันที่ 6 กรกฎาคม 2565 ซึ่งมีรายละเอียดการดำเนินการ ดังนี้

2. วัตถุประสงค์

เพื่อตรวจวัดระดับเสียงในพื้นที่กระบวนการโครงการโรงงานผลิตน้ำมันหล่อลื่น (Lube Base Oil Plant) ของบริษัท ไออาร์พีซี จำกัด (มหาชน) จากนั้นนำผลการตรวจวัดที่ได้มาจัดทำผังแสดงเส้นระดับเสียง (Noise Contour Map) เพื่อพิจารณาประสิทธิภาพในการลดระดับเสียงจากแหล่งกำเนิดเสียงและเสนอมาตรการป้องกันและลดผลกระทบต่อพนักงานที่ต้องปฏิบัติงานในพื้นที่นั้น ๆ

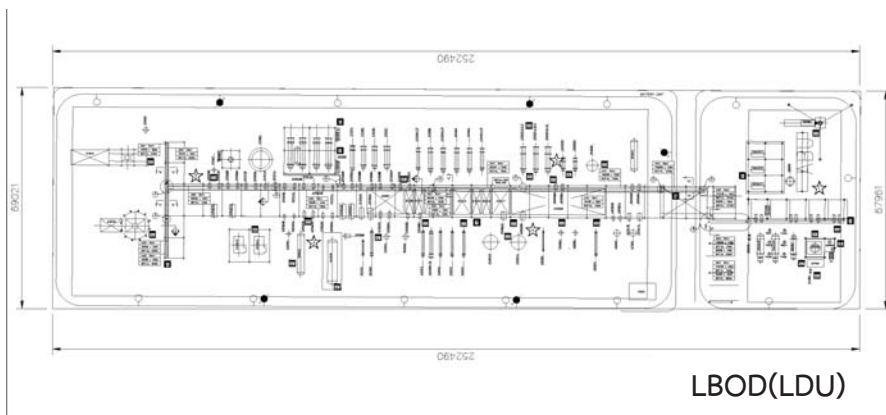
3. ขอบเขตของการตรวจวัดและจัดทำผังแสดงเส้นระดับเสียง

- 1) การตรวจวัดระดับเสียงบริเวณพื้นที่กระบวนการผลิต โครงการโรงงานผลิตน้ำมันหล่อลื่น (Lube Base Oil Plant) ของบริษัท ไออาร์พีซี จำกัด (มหาชน) (แสดงดังรูปที่ 1) เมื่อวันที่ 6 กรกฎาคม 2565 บริเวณพื้นที่ PWUT(LUT), LBOD(LDU), LBOT(LTU)
- 2) นำผลการตรวจวัดระดับเสียงที่ได้ จัดทำ Noise Contour Map แบบแถบสี แบบตัวเลข และแบบเส้นระดับเสียง
- 3) เสนอแนะมาตรการควบคุมและป้องกันผลกระทบด้านเสียงต่อพนักงาน โดยให้ความสำคัญกับบริเวณพื้นที่ที่มีระดับเสียงตั้งแต่ 85 เดซิเบลเอ ขึ้นไป



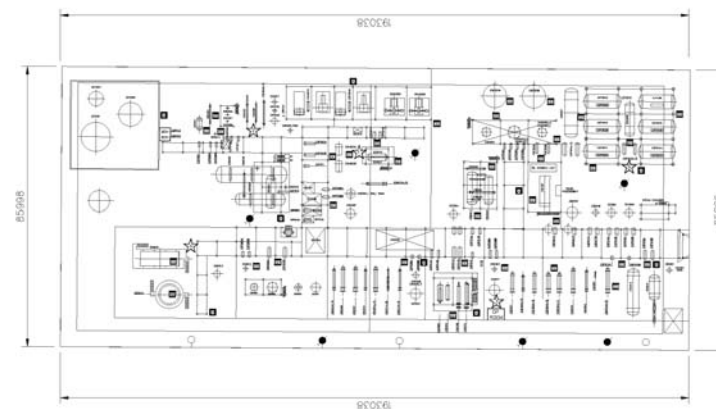
PWUT(LUT)

รูปที่ 1 แสดงพื้นที่ตรวจวัดระดับเสียง เพื่อจัดทำผังแสดงเส้นระดับเสียง (Noise Contour Map) บริเวณพื้นที่ PWUT(LUT)



LBOD(LDU)

รูปที่ 2 แสดงพื้นที่ตรวจวัดระดับเสียง เพื่อจัดทำผังแสดงเส้นระดับเสียง (Noise Contour Map) บริเวณพื้นที่ LBOD(LDU)



LBOT(LTU)

รูปที่ 3 แสดงพื้นที่ตรวจวัดระดับเสียง เพื่อจัดทำผังแสดงเส้นระดับเสียง (Noise Contour Map) บริเวณพื้นที่ LBOT(LTU)




4 **วิธีการตรวจวัด**

1) **วิธีการตรวจวัดระดับเสียง**

 ทำการตรวจวัดระดับเสียง โดยใช้มาตรวัดระดับเสียงชนิด Integrated Sound Level Meter ที่ผ่านการปรับความถูกต้องด้วยเครื่อง Acoustic Calibrator ซึ่งมีเอกสารรับรองผลการสอบเทียบแสดงใน **ภาคผนวกที่ 2** โดยทำการตรวจวัดตรวจวัดระดับเสียงเฉลี่ย 1 นาที (L_{eq} 1 min) เนื่องจากบริเวณกระบวนการผลิตมีเสียงดังค่อนข้างสม่ำเสมอ โดยติดตั้งเครื่องวัดเสียงบนขาตั้งสามขา (Tri-Pod) เพื่อช่วยลดปัญหาเสียงสะท้อนจากร่างกายผู้ตรวจวัด และตั้งเครื่องสูงจากพื้นในระดับหูของพนักงาน (Hearing Zone) และในรัศมี 1 เมตรตามแนวราบรอบไมโครโฟน ต้องไม่มีกำแพงหรือสิ่งอื่นใดที่มีคุณสมบัติในการสะท้อนเสียงกีดขวางอยู่ และต้องใส่อุปกรณ์กำบังลม (Wind Screen) เพื่อลดความผิดพลาดจากผลกระทบจากลมพัดแรงที่จะเกิดขึ้นต่อการตรวจวัด บันทึกผลการตรวจวัดที่ได้แต่ละจุดลงในผังบริเวณของโครงการ (Layout)

2) **วิธีการจัดทำผังแสดงเส้นระดับเสียง**

 นำข้อมูลผลการตรวจวัดระดับเสียงในพื้นที่กระบวนการผลิตทั้งหมด มาจัดทำผังแสดงเส้นระดับเสียง (Noise Contour Map) ด้วยโปรแกรมคอมพิวเตอร์ “Surfer 12 for Windows” โดยนำผลการตรวจวัดระดับเสียงที่ได้เป็นข้อมูลนำเข้า จากนั้นทำการสร้างผังแสดงการกระจายของเสียงแบบแถบสี และแบบเส้น (Contour Line) โดยกำหนดสีของเส้นที่แตกต่างกันขึ้นกับความดังของเสียง คือ

	สีเขียว	แสดงเส้นระดับความดังเสียงที่มีค่าน้อยกว่า 80 เดซิเบลเอ ; สีเขียว < 80 เดซิเบลเอ
	สีชมพู	แสดงเส้นระดับความดังเสียงที่มีค่ามากกว่าหรือเท่ากับ 80 เดซิเบลเอ แต่น้อยกว่า 85 เดซิเบลเอ ; 80 ≥ ชมพู < 85 เดซิเบลเอ
	สีแดง	แสดงเส้นระดับความดังเสียงที่มีค่ามากกว่าหรือเท่ากับ 85 เดซิเบลเอ ; สีแดง ≥ 85 เดซิเบลเอ

5. **การตรวจวัดและจัดทำผังแสดงเส้นระดับเสียง**

1) **ผลการตรวจวัด**

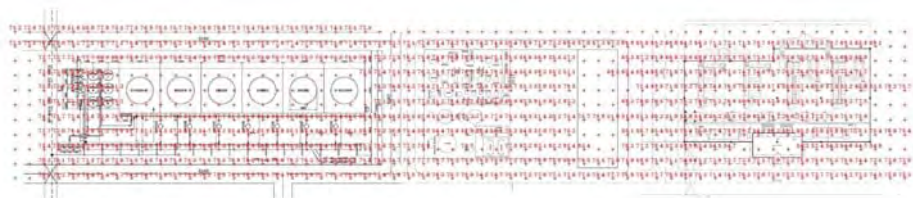
 จากการตรวจวัดระดับเสียงบริเวณพื้นที่กระบวนการผลิตทั้งหมด เมื่อวันที่ 6 กรกฎาคม 2565 พบว่า บริเวณพื้นที่ PWUT(LUT), บริเวณพื้นที่ LBOD(LDU) และบริเวณพื้นที่ LBOT(LTU)) มีระดับเสียงมากกว่า 85 เดซิเบล แสดงผลการตรวจวัดระดับเสียงดังตารางที่ 1 และเมื่อนำผลการตรวจวัดที่ได้มาจัดทำผังแสดงเส้นระดับเสียง (Noise Contour Map) แสดงดังรูปที่ 4 ถึงรูปที่ 12 และภาคผนวกที่ 1

ตารางที่ 1 ผลการตรวจวัดระดับเสียง

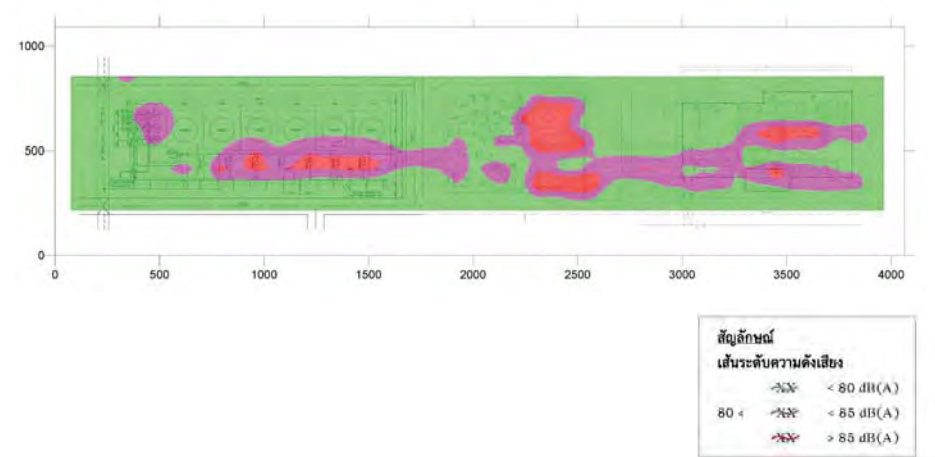
วันที่	พื้นที่	ระดับเสียง dB(A)
06/07/65	บริเวณพื้นที่ PWUT(LUT)	64.2-93.4
06/07/65	บริเวณพื้นที่ LBOD(LDU)	43.8-98.7
06/07/65	บริเวณพื้นที่ LBOT(LTU)	66.2-98.5

2) **สรุปผลการตรวจวัด**

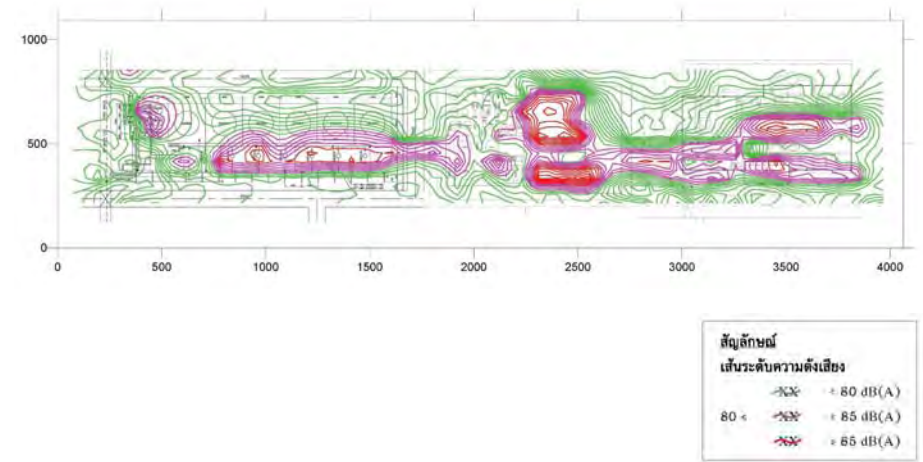
 จากผลการตรวจวัดระดับเสียงบริเวณพื้นที่กระบวนการผลิตทั้งหมด เมื่อวันที่ 6 กรกฎาคม 2565 พบว่า ผลการตรวจวัดระดับเสียงมีค่าอยู่ในช่วง 43.8-98.7 เดซิเบลเอ และเมื่อนำผลการตรวจวัดมาจัดทำผังแสดงเส้นระดับเสียง (Noise Contour Map) พบว่า แหล่งกำเนิดที่ทำให้เกิดเสียงดังเกินกว่า 85 เดซิเบลเอ เกิดจากการทำงานของเครื่องจักร และอุปกรณ์ต่างๆ และเสียงในแนวท่อ



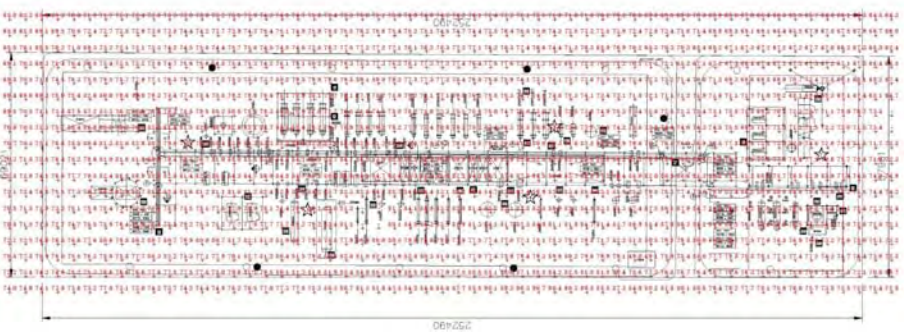
รูปที่ 4 ผังแสดงระดับเสียง บริเวณพื้นที่กระบวนการผลิต แบบจุดตัวเลข บริเวณพื้นที่ PWUT(LUT)



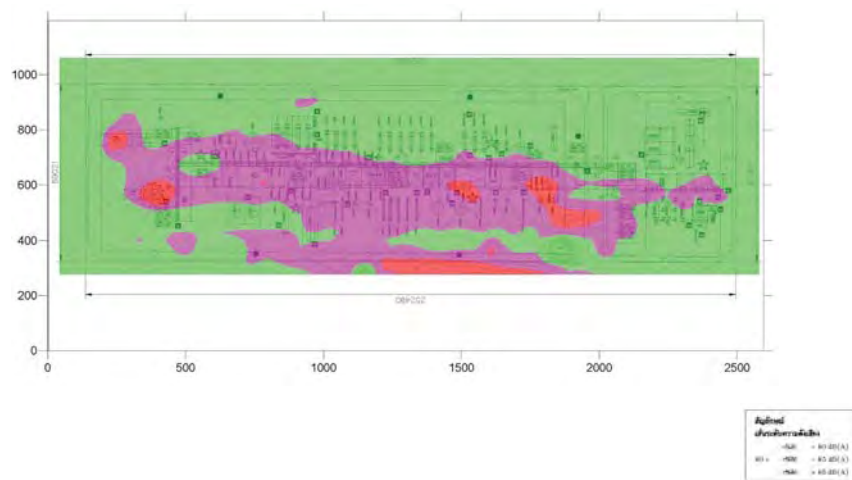
รูปที่ 5 ผังแสดงระดับเสียง บริเวณพื้นที่กระบวนการผลิต แบบแถบสี บริเวณพื้นที่ PWUT(LUT)



รูปที่ 6 แสดงระดับเสียง บริเวณพื้นที่กระบวนการผลิต แบบเส้นเสียง บริเวณพื้นที่ PWUT(LUT)



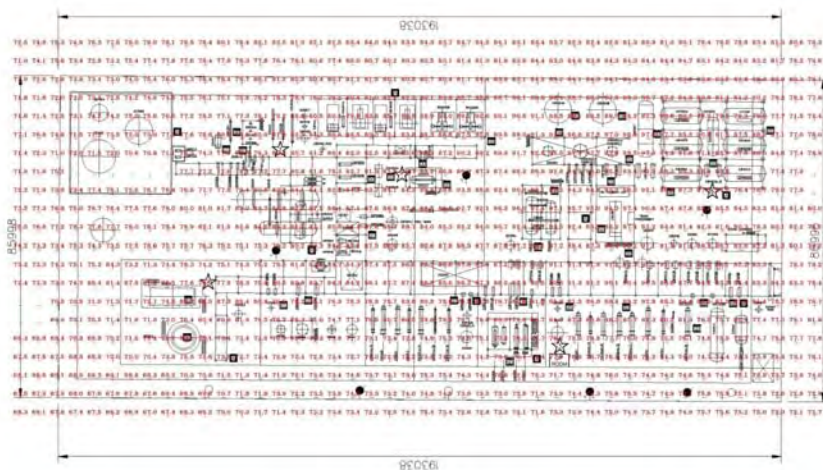
รูปที่ 7 แสดงระดับเสียง บริเวณพื้นที่กระบวนการผลิต แบบจุดตัวเลข บริเวณพื้นที่ LBOD(LDU)



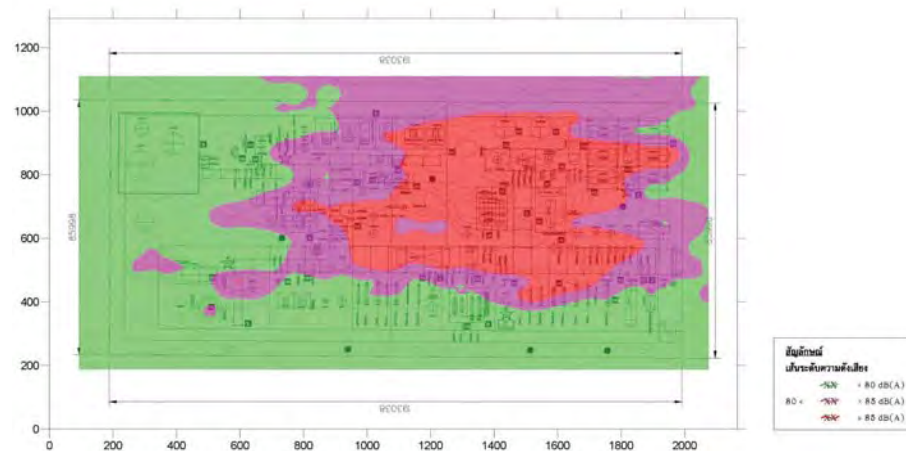
รูปที่ 8 แสดงระดับเสียง บริเวณพื้นที่กระบวนการผลิต แบบแถบสี บริเวณพื้นที่ LBOD(LDU)



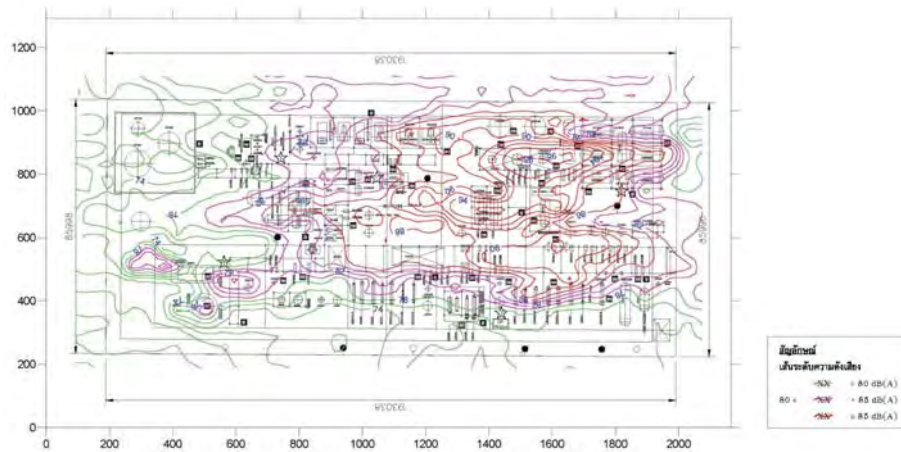
รูปที่ 9 แสดงระดับเสียง บริเวณพื้นที่กระบวนการผลิต แบบเส้นเสียง บริเวณพื้นที่ LBOD(LDU)



รูปที่ 10 แสดงระดับเสียง บริเวณพื้นที่กระบวนการผลิต แบบจุดตัวเลข บริเวณพื้นที่ LBOT(LTU)



รูปที่ 11 แสดงระดับเสียง บริเวณพื้นที่กระบวนการผลิต แบบแถบสี บริเวณพื้นที่ LBOT(LTU)



รูปที่ 12 ผังแสดงระดับเสียง บริเวณพื้นที่กระบวนการผลิต แบบเส้นเสียง บริเวณพื้นที่ LBOT(LTU)

6. ข้อเสนอแนะ

จากการดำเนินการตรวจวัดระดับเสียงและจัดทำผังแสดงเส้นระดับเสียงบริเวณพื้นที่กระบวนการผลิต โครงการโรงงานผลิตน้ำมันหล่อลื่น (Lube Base Oil Plant) ของบริษัท โออาร์พีซี จำกัด (มหาชน) ผลการศึกษาทำให้ทราบถึงแหล่งกำเนิดเสียง และลักษณะการกระจายของเสียงในแต่ละบริเวณได้อย่างชัดเจน สามารถนำผลการศึกษาไปใช้ในการวางแผนการจัดการและควบคุมเสียงได้เป็นอย่างดี ซึ่งบริเวณพื้นที่ที่มีเสียงดังเกินกว่า 85 เดซิเบลเอ เกิดจากการทำงานของอุปกรณ์เครื่องจักรที่ใช้ในกระบวนการผลิต โดยเสียงที่เกิดขึ้นเป็นเสียงที่ดังต่อเนื่อง ซึ่งจากการสำรวจ พบว่า ทางโครงการโรงงานผลิตน้ำมันหล่อลื่น (Lube Base Oil Plant) ของบริษัท โออาร์พีซี จำกัด (มหาชน) ได้จัดเตรียมมาตรการในการป้องกันและลดผลกระทบที่อาจเกิดขึ้นเนื่องจากเสียงต่อพนักงานที่ปฏิบัติงาน ดังนี้

- จัดห้องให้พนักงานทำงาน (Control Room) ในทุกพื้นที่การผลิต เพื่อไม่ได้รับผลกระทบจากแหล่งกำเนิดเสียง
- จัดให้มีการหมุนเวียนให้พนักงานปฏิบัติงานเป็นครั้งคราวในแต่ละบริเวณ เพื่อลดระยะเวลาในการสัมผัสเสียง
- กำหนดบริเวณพื้นที่เสียงดัง (Noise Area) โดยพนักงานทุกคนที่เข้าไปทำงานในบริเวณที่มีเสียงดัง ต้องใส่อุปกรณ์ป้องกันเสียงส่วนบุคคล (Ear Plugs หรือ Ear Muffs) ตลอดเวลาการทำงาน โดยมีป้ายเตือนและมีหัวหน้างานควบคุมอย่างเคร่งครัด

นอกจากมาตรการดังกล่าวข้างต้นแล้ว ผู้ศึกษามีข้อเสนอแนะเพิ่มเติมเพื่อโครงการนำไปพิจารณาดำเนินการตามความเหมาะสมต่อไป ดังนี้

- 1) ติดตั้งวัสดุดูดซับเสียง ในบริเวณที่มีอุปกรณ์เครื่องจักรที่มีเสียงดัง
- 2) นำผังแสดงเส้นระดับเสียงของแต่ละพื้นที่ไปติด หรือแสดงไว้ในบริเวณที่เห็นได้ชัดเจน พร้อมทั้งประกาศให้บริเวณที่มีระดับเสียงดังเกินกว่า 85 เดซิเบลเอ จัดเป็นบริเวณพื้นที่เสียงดังที่ต้องสวมอุปกรณ์ป้องกันเสียงส่วนบุคคล เพื่อเป็นการคุ้มครองระบบการได้ยินของพนักงาน (ข้อเสนอแนะของ National Institute of Occupational Health and Safety; NIOSH)
- 3) ข้อมูลระดับเสียงที่ได้จากการศึกษาในครั้งนี้ อาจใช้อ้างอิงได้ในกรณีที่กระบวนการผลิตของโรงงานมีลักษณะใกล้เคียงกับช่วงเวลาที่ทำการศึกษา โดยระดับเสียงในแต่ละช่วงเวลาอาจเปลี่ยนแปลงเพิ่มขึ้น หรือ ลดลงจากการศึกษาในครั้งนี้ได้ ทั้งนี้ขึ้นกับกำลังการผลิต การหยุด หรือการเปลี่ยนแปลงเครื่องจักรในภายหลัง
- 4) ควรมีการทบทวนผังแสดงการกระจายเสียงใหม่หากมีการเคลื่อนย้าย ปรับปรุง หรือติดตั้งเครื่องจักรที่เป็นแหล่งกำเนิดเสียงเพิ่มเติม ทั้งนี้ เพื่อให้มีผังแสดงเส้นระดับเสียงที่มีความทันสมัยสามารถใช้อ้างอิงได้ หรืออาจกำหนดให้มีการทบทวนลักษณะการกระจายของเสียงอยู่เป็นประจำทุก 3 ปี หรือ 5 ปี เป็นต้น
- 5) ให้ความสนใจต่อสุขภาพอนามัยด้านการได้ยินของพนักงานที่ปฏิบัติงานในบริเวณที่มีเสียงดังเกินมาตรฐานเป็นพิเศษ โดยพนักงานส่วนนี้ต้องได้รับการตรวจสอบสมรรถภาพการได้ยินเป็นประจำทุกปี และเปรียบเทียบกับผลการตรวจสุขภาพในปัจจุบันเทียบกับผลในอดีตเพื่อเฝ้าระวังผลกระทบต่อการได้ยิน



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ภาคผนวกที่ 1

ตารางแสดงข้อมูลการตรวจวัดระดับเสียง

RS0152/07/65

R-SLOW-0031-2/2022

ตารางแสดงข้อมูลผลการตรวจวัดระดับเสียง

ชื่อลูกค้า : บริษัท โออาร์พีซี จำกัด (มหาชน)

ที่ตั้งโครงการ : 299 หมู่ 5 ถนนสุขุมวิท ตำบลเชิงเนิน

อำเภอเมือง จังหวัดระยอง

วันที่ตรวจวัด : 6 กรกฎาคม 2565

พื้นที่ตรวจวัด : โรงงานผลิตน้ำมันหล่อลื่น (Lube Base Oil Plant)

พื้นที่ PWUT(LUT)

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
1	1	1	75.3
2	1	2	73.5
3	1	3	-
4	1	4	-
5	1	5	-
6	1	6	-
7	1	7	-
8	1	8	-
9	1	9	-
10	1	10	-
11	1	11	-
12	2	1	73.9
13	2	2	75.8
14	2	3	-
15	2	4	-
16	2	5	-
17	2	6	-
18	2	7	-
19	2	8	-
20	2	9	-
21	2	10	-
22	2	11	-
23	3	1	75.2
24	3	2	76.4
25	3	3	73.7
26	3	4	73.9
27	3	5	72.8
28	3	6	71.0
29	3	7	74.7
30	3	8	73.7
31	3	9	78.4
32	3	10	70.3
33	3	11	70.6
34	4	1	77.9

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
35	4	2	78.0
36	4	3	72.7
37	4	4	73.0
38	4	5	73.0
39	4	6	71.7
40	4	7	71.7
41	4	8	73.0
42	4	9	73.1
43	4	10	70.1
44	4	11	71.2
45	5	1	81.9
46	5	2	78.2
47	5	3	73.5
48	5	4	73.0
49	5	5	72.9
50	5	6	73.2
51	5	7	72.4
52	5	8	76.4
53	5	9	72.7
54	5	10	70.2
55	5	11	75.3
56	6	1	80.0
57	6	2	77.5
58	6	3	77.7
59	6	4	85.4
60	6	5	75.4
61	6	6	77.7
62	6	7	73.6
63	6	8	74.6
64	6	9	72.9
65	6	10	71.8
66	6	11	74.4
67	7	1	77.9
68	7	2	76.7



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R-SLOW-0031-2/2022

ตารางแสดงข้อมูลผลการตรวจวัดระดับเสียง

ชื่อลูกค้า : บริษัท โออาร์พีซี จำกัด (มหาชน)
ที่ตั้งโครงการ : 299 หมู่ 5 ถนนสุขุมวิท ตำบลเชิงเนิน
อำเภอเมือง จังหวัดระยอง

วันที่ตรวจวัด : 6 กรกฎาคม 2565
พื้นที่ตรวจวัด : โรงงานผลิตน้ำมันหล่อลื่น (Lube Base Oil Plant)
พื้นที่ PWUT(LUT)

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
69	7	3	80.5
70	7	4	81.3
71	7	5	85.4
72	7	6	81.1
73	7	7	73.9
74	7	8	71.2
75	7	9	71.9
76	7	10	72.0
77	7	11	75.4
78	8	1	78.5
79	8	2	77.1
80	8	3	80.0
81	8	4	-
82	8	5	81.3
83	8	6	79.2
84	8	7	76.1
85	8	8	79.6
86	8	9	74.7
87	8	10	72.6
88	8	11	74.7
89	9	1	77.5
90	9	2	75.4
91	9	3	78.9
92	9	4	-
93	9	5	-
94	9	6	-
95	9	7	77.3
96	9	8	81.7
97	9	9	75.7
98	9	10	75.5
99	9	11	74.2
100	10	1	76.9
101	10	2	75.0
102	10	3	77.3

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
103	10	4	-
104	10	5	-
105	10	6	-
106	10	7	77.7
107	10	8	82.1
108	10	9	76.5
109	10	10	74.0
110	10	11	74.7
111	11	1	75.5
112	11	2	75.9
113	11	3	75.0
114	11	4	-
115	11	5	-
116	11	6	-
117	11	7	78.3
118	11	8	74.5
119	11	9	76.3
120	11	10	74.9
121	11	11	75.6
122	12	1	75.7
123	12	2	76.2
124	12	3	73.6
125	12	4	-
126	12	5	-
127	12	6	-
128	12	7	79.6
129	12	8	87.8
130	12	9	76.7
131	12	10	75.9
132	12	11	75.7
133	13	1	75.9
134	13	2	76.8
135	13	3	73.4
136	13	4	-



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ตารางแสดงข้อมูลผลการตรวจวัดระดับเสียง

ชื่อลูกค้า : บริษัท โออาร์พีซี จำกัด (มหาชน)
ที่ตั้งโครงการ : 299 หมู่ 5 ถนนสุขุมวิท ตำบลเชิงเนิน
อำเภอเมือง จังหวัดระยอง

วันที่ตรวจวัด : 6 กรกฎาคม 2565
พื้นที่ตรวจวัด : โรงงานผลิตน้ำมันหล่อลื่น (Lube Base Oil Plant)
พื้นที่ PWUT(LUT)

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
137	13	5	-
138	13	6	-
139	13	7	82.6
140	13	8	85.2
141	13	9	76.9
142	13	10	75.8
143	13	11	75.8
144	14	1	76.0
145	14	2	76.4
146	14	3	74.5
147	14	4	-
148	14	5	-
149	14	6	-
150	14	7	84.4
151	14	8	84.7
152	14	9	76.9
153	14	10	75.5
154	14	11	76.2
155	15	1	76.9
156	15	2	75.4
157	15	3	73.2
158	15	4	-
159	15	5	-
160	15	6	-
161	15	7	87.7
162	15	8	86.2
163	15	9	77.3
164	15	10	76.5
165	15	11	76.3
166	16	1	77.5
167	16	2	79.2
168	16	3	72.0
169	16	4	-
170	16	5	-

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
171	16	6	-
172	16	7	81.3
173	16	8	85.4
174	16	9	77.4
175	16	10	76.9
176	16	11	76.1
177	17	1	78.4
178	17	2	78.8
179	17	3	72.3
180	17	4	-
181	17	5	-
182	17	6	-
183	17	7	81.6
184	17	8	85.2
185	17	9	76.9
186	17	10	76.2
187	17	11	76.5
188	18	1	78.6
189	18	2	78.5
190	18	3	72.0
191	18	4	-
192	18	5	-
193	18	6	-
194	18	7	84.4
195	18	8	85.9
196	18	9	76.8
197	18	10	76.4
198	18	11	76.8
199	19	1	78.2
200	19	2	77.9
201	19	3	72.7
202	19	4	-
203	19	5	-
204	19	6	-



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ตารางแสดงข้อมูลผลการตรวจวัดระดับเสียง

ชื่อลูกค้า : บริษัท โออาร์พีซี จำกัด (มหาชน)
ที่ตั้งโครงการ : 299 หมู่ 5 ถนนสุขุมวิท ตำบลเชิงเนิน
อำเภอเมือง จังหวัดระยอง

วันที่ตรวจวัด : 6 กรกฎาคม 2565
พื้นที่ตรวจวัด : โรงงานผลิตน้ำมันหล่อลื่น (Lube Base Oil Plant)
พื้นที่ PWUT(LUT)

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
205	19	7	86.3
206	19	8	84.9
207	19	9	75.6
208	19	10	76.6
209	19	11	76.4
210	20	1	78.5
211	20	2	77.4
212	20	3	72.8
213	20	4	-
214	20	5	-
215	20	6	-
216	20	7	85.0
217	20	8	85.1
218	20	9	75.2
219	20	10	76.2
220	20	11	76.5
221	21	1	78.0
222	21	2	77.5
223	21	3	72.7
224	21	4	-
225	21	5	-
226	21	6	-
227	21	7	85.4
228	21	8	85.4
229	21	9	75.3
230	21	10	76.3
231	21	11	75.9
232	22	1	78.1
233	22	2	76.8
234	22	3	72.6
235	22	4	-
236	22	5	-
237	22	6	-
238	22	7	85.1

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
239	22	8	86.1
240	22	9	75.4
241	22	10	76.5
242	22	11	75.7
243	23	1	74.8
244	23	2	75.9
245	23	3	72.2
246	23	4	-
247	23	5	-
248	23	6	-
249	23	7	85.4
250	23	8	85.6
251	23	9	75.7
252	23	10	76.0
253	23	11	75.3
254	24	1	73.5
255	24	2	77.4
256	24	3	71.8
257	24	4	-
258	24	5	-
259	24	6	-
260	24	7	84.2
261	24	8	85.1
262	24	9	74.9
263	24	10	75.5
264	24	11	75.5
265	25	1	72.5
266	25	2	72.8
267	25	3	70.9
268	25	4	72.5
269	25	5	-
270	25	6	-
271	25	7	86.4
272	25	8	80.1



บริษัท เอส.พี.เอส. คอนซัลติ้ง เซอร์วิส จำกัด
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ตารางแสดงข้อมูลผลการตรวจวัดระดับเสียง

ชื่อลูกค้า : บริษัท โออาร์พีซี จำกัด (มหาชน)
ที่ตั้งโครงการ : 299 หมู่ 5 ถนนสุขุมวิท ตำบลเชิงเนิน
อำเภอเมือง จังหวัดระยอง

วันที่ตรวจวัด : 6 กรกฎาคม 2565
พื้นที่ตรวจวัด : โรงงานผลิตน้ำมันหล่อลื่น (Lube Base Oil Plant)
พื้นที่ PWUT(LUT)

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
273	25	9	75.1
274	25	10	75.3
275	25	11	75.2
276	26	1	-
277	26	2	73.6
278	26	3	72.3
279	26	4	72.4
280	26	5	74.3
281	26	6	72.1
282	26	7	84.9
283	26	8	78.2
284	26	9	75.6
285	26	10	74.6
286	26	11	75.4
287	27	1	-
288	27	2	73.7
289	27	3	72.5
290	27	4	73.1
291	27	5	74.6
292	27	6	75.1
293	27	7	84.8
294	27	8	76.9
295	27	9	75.7
296	27	10	74.7
297	27	11	75.6
298	28	1	-
299	28	2	72.1
300	28	3	76.3
301	28	4	74.3
302	28	5	74.3
303	28	6	75.5
304	28	7	86.5
305	28	8	78.4
306	28	9	77.2

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
307	28	10	75.7
308	28	11	75.5
309	29	1	-
310	29	2	73.4
311	29	3	75.6
312	29	4	76.3
313	29	5	79.4
314	29	6	77.8
315	29	7	82.9
316	29	8	80.0
317	29	9	76.9
318	29	10	77.7
319	29	11	75.0
320	30	1	-
321	30	2	74.4
322	30	3	74.6
323	30	4	76.9
324	30	5	78.7
325	30	6	81.2
326	30	7	81.0
327	30	8	84.4
328	30	9	-
329	30	10	79.7
330	30	11	76.3
331	31	1	-
332	31	2	74.2
333	31	3	76.9
334	31	4	77.6
335	31	5	78.4
336	31	6	79.4
337	31	7	79.6
338	31	8	78.6
339	31	9	-
340	31	10	75.2



บริษัท เอส.พี.เอส. คอนซัลติ้ง เซอร์วิส จำกัด
S.P.S. CONSULTING SERVICE CO., LTD.
7 ซอยพหลโยธิน 24 ถนนพหลโยธิน แขวงจอมพล เขตจตุจักร กรุงเทพฯ 10900
7 Soi Phaholyothin 24, Phaholyothin Rd., Jompol, Chatuchak, Bangkok 10900
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ตารางแสดงข้อมูลผลการตรวจวัดระดับเสียง

ชื่อลูกค้า : บริษัท โออาร์พีซี จำกัด (มหาชน)
ที่ตั้งโครงการ : 299 หมู่ 5 ถนนสุขุมวิท ตำบลเชิงเนิน
อำเภอเมือง จังหวัดระยอง

วันที่ตรวจวัด : 6 กรกฎาคม 2565
พื้นที่ตรวจวัด : โรงงานผลิตน้ำมันหล่อลื่น (Lube Base Oil Plant)
พื้นที่ PWUT(LUT)

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
341	31	11	75.7
342	32	1	-
343	32	2	74.4
344	32	3	76.5
345	32	4	76.8
346	32	5	77.6
347	32	6	77.2
348	32	7	78.3
349	32	8	81.0
350	32	9	75.7
351	32	10	75.0
352	32	11	75.0
353	33	1	-
354	33	2	74.2
355	33	3	80.3
356	33	4	77.4
357	33	5	79.0
358	33	6	81.5
359	33	7	77.0
360	33	8	86.4
361	33	9	-
362	33	10	75.8
363	33	11	74.2
364	34	1	-
365	34	2	74.6
366	34	3	75.1
367	34	4	79.3
368	34	5	79.1
369	34	6	81.0
370	34	7	77.6
371	34	8	80.1
372	34	9	-
373	34	10	78.5
374	34	11	74.7

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
375	35	1	-
376	35	2	80.4
377	35	3	75.5
378	35	4	88.4
379	35	5	80.7
380	35	6	80.9
381	35	7	78.5
382	35	8	78.2
383	35	9	77.9
384	35	10	77.2
385	35	11	75.9
386	36	1	-
387	36	2	76.9
388	36	3	86.6
389	36	4	88.6
390	36	5	88.3
391	36	6	92.5
392	36	7	80.8
393	36	8	84.0
394	36	9	92.2
395	36	10	78.6
396	36	11	77.2
397	37	1	-
398	37	2	71.9
399	37	3	86.9
400	37	4	89.3
401	37	5	88.0
402	37	6	91.5
403	37	7	81.4
404	37	8	82.0
405	37	9	93.1
406	37	10	76.9
407	37	11	77.0
408	38	1	-

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ตารางแสดงข้อมูลผลการตรวจวัดระดับเสียง

ชื่อลูกค้า : บริษัท โออาร์พีซี จำกัด (มหาชน)
ที่ตั้งโครงการ : 299 หมู่ 5 ถนนสุขุมวิท ตำบลเชิงเนิน
อำเภอเมือง จังหวัดระยอง

วันที่ตรวจวัด : 6 กรกฎาคม 2565
พื้นที่ตรวจวัด : โรงงานผลิตน้ำมันหล่อลื่น (Lube Base Oil Plant)
พื้นที่ PWUT(LUT)

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
409	38	2	73.3
410	38	3	85.8
411	38	4	88.2
412	38	5	88.5
413	38	6	92.2
414	38	7	80.2
415	38	8	78.4
416	38	9	92.3
417	38	10	78.5
418	38	11	77.1
419	39	1	-
420	39	2	69.6
421	39	3	87.5
422	39	4	81.1
423	39	5	79.8
424	39	6	93.3
425	39	7	78.4
426	39	8	78.2
427	39	9	92.4
428	39	10	80.6
429	39	11	77.6
430	40	1	-
431	40	2	67.0
432	40	3	-
433	40	4	-
434	40	5	-
435	40	6	-
436	40	7	78.7
437	40	8	-
438	40	9	93.4
439	40	10	79.8
440	40	11	77.8
441	41	1	-
442	41	2	67.3

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
443	41	3	-
444	41	4	-
445	41	5	-
446	41	6	-
447	41	7	79.9
448	41	8	-
449	41	9	-
450	41	10	75.8
451	41	11	78.4
452	42	1	-
453	42	2	67.3
454	42	3	-
455	42	4	69.2
456	42	5	-
457	42	6	-
458	42	7	81.0
459	42	8	-
460	42	9	-
461	42	10	73.0
462	42	11	77.7
463	43	1	-
464	43	2	65.9
465	43	3	68.3
466	43	4	68.4
467	43	5	-
468	43	6	69.3
469	43	7	81.9
470	43	8	85.1
471	43	9	76.3
472	43	10	71.0
473	43	11	76.9
474	44	1	-
475	44	2	65.6
476	44	3	67.2

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ตารางแสดงข้อมูลผลการตรวจวัดระดับเสียง

ชื่อลูกค้า : บริษัท โออาร์พีซี จำกัด (มหาชน)
ที่ตั้งโครงการ : 299 หมู่ 5 ถนนสุขุมวิท ตำบลเชิงเนิน
อำเภอเมือง จังหวัดระยอง

วันที่ตรวจวัด : 6 กรกฎาคม 2565
พื้นที่ตรวจวัด : โรงงานผลิตน้ำมันหล่อลื่น (Lube Base Oil Plant)
พื้นที่ PWUT(LUT)

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
477	44	4	69.4
478	44	5	71.4
479	44	6	70.0
480	44	7	81.1
481	44	8	85.7
482	44	9	77.2
483	44	10	69.6
484	44	11	76.8
485	45	1	-
486	45	2	65.2
487	45	3	65.9
488	45	4	69.5
489	45	5	69.6
490	45	6	70.5
491	45	7	80.3
492	45	8	85.4
493	45	9	79.4
494	45	10	75.0
495	45	11	72.7
496	46	1	-
497	46	2	66.0
498	46	3	66.6
499	46	4	71.0
500	46	5	71.0
501	46	6	70.5
502	46	7	81.0
503	46	8	85.5
504	46	9	82.3
505	46	10	71.1
506	46	11	70.5
507	47	1	-
508	47	2	64.2
509	47	3	70.0
510	47	4	71.8

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
511	47	5	70.2
512	47	6	75.2
513	47	7	84.0
514	47	8	76.4
515	47	9	82.5
516	47	10	74.9
517	47	11	69.6
518	48	1	-
519	48	2	66.3
520	48	3	69.6
521	48	4	72.9
522	48	5	72.9
523	48	6	74.3
524	48	7	84.9
525	48	8	78.0
526	48	9	83.4
527	48	10	78.2
528	48	11	75.3
529	49	1	-
530	49	2	71.3
531	49	3	71.2
532	49	4	73.9
533	49	5	74.6
534	49	6	75.2
535	49	7	85.3
536	49	8	77.4
537	49	9	84.5
538	49	10	73.9
539	49	11	71.4
540	50	1	-
541	50	2	72.1
542	50	3	72.5
543	50	4	73.8
544	50	5	76.5



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ตารางแสดงข้อมูลผลการตรวจวัดระดับเสียง

ชื่อลูกค้า : บริษัท โออาร์พีซี จำกัด (มหาชน)
ที่ตั้งโครงการ : 299 หมู่ 5 ถนนสุขุมวิท ตำบลเชิงเนิน
อำเภอเมือง จังหวัดระยอง

วันที่ตรวจวัด : 6 กรกฎาคม 2565
พื้นที่ตรวจวัด : โรงงานผลิตน้ำมันหล่อลื่น (Lube Base Oil Plant)
พื้นที่ PWUT(LUT)

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
545	50	6	76.9
546	50	7	85.5
547	50	8	78.5
548	50	9	84.7
549	50	10	73.7
550	50	11	74.5
551	51	1	-
552	51	2	71.8
553	51	3	72.6
554	51	4	74.7
555	51	5	78.9
556	51	6	80.9
557	51	7	87.0
558	51	8	79.2
559	51	9	-
560	51	10	73.8
561	51	11	76.5
562	52	1	-
563	52	2	70.7
564	52	3	73.9
565	52	4	74.6
566	52	5	84.0
567	52	6	81.8
568	52	7	68.4
569	52	8	84.1
570	52	9	-
571	52	10	72.1
572	52	11	72.0
573	53	1	-
574	53	2	69.8
575	53	3	74.8
576	53	4	75.7
577	53	5	87.4
578	53	6	83.6

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
579	53	7	74.7
580	53	8	86.3
581	53	9	-
582	53	10	72.0
583	53	11	73.0
584	54	1	-
585	54	2	71.2
586	54	3	73.0
587	54	4	76.2
588	54	5	88.0
589	54	6	85.1
590	54	7	76.0
591	54	8	88.1
592	54	9	-
593	54	10	72.3
594	54	11	73.2
595	55	1	-
596	55	2	71.7
597	55	3	72.7
598	55	4	76.5
599	55	5	87.4
600	55	6	83.8
601	55	7	76.8
602	55	8	83.2
603	55	9	84.2
604	55	10	75.0
605	55	11	73.5
606	56	1	-
607	56	2	72.3
608	56	3	72.4
609	56	4	76.0
610	56	5	88.0
611	56	6	82.4
612	56	7	77.5



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ตารางแสดงข้อมูลผลการตรวจวัดระดับเสียง

ชื่อลูกค้า : บริษัท โออาร์พีซี จำกัด (มหาชน)
ที่ตั้งโครงการ : 299 หมู่ 5 ถนนสุขุมวิท ตำบลเชิงเนิน
อำเภอเมือง จังหวัดระยอง

วันที่ตรวจวัด : 6 กรกฎาคม 2565
พื้นที่ตรวจวัด : โรงงานผลิตน้ำมันหล่อลื่น (Lube Base Oil Plant)
พื้นที่ PWUT(LUT)

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
613	56	8	83.0
614	56	9	83.4
615	56	10	75.6
616	56	11	73.7
617	57	1	-
618	57	2	70.7
619	57	3	70.1
620	57	4	75.3
621	57	5	87.8
622	57	6	82.7
623	57	7	78.0
624	57	8	80.9
625	57	9	84.3
626	57	10	75.8
627	57	11	75.3
628	58	1	-
629	58	2	69.8
630	58	3	69.2
631	58	4	73.4
632	58	5	83.2
633	58	6	79.3
634	58	7	78.5
635	58	8	80.7
636	58	9	84.9
637	58	10	75.6
638	58	11	74.2
639	59	1	-
640	59	2	68.8
641	59	3	68.0
642	59	4	71.7
643	59	5	82.9
644	59	6	77.5
645	59	7	78.9
646	59	8	78.1



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ตารางแสดงข้อมูลผลการตรวจวัดระดับเสียง

ชื่อลูกค้า : บริษัท โออาร์พีซี จำกัด (มหาชน)
ที่ตั้งโครงการ : 299 หมู่ 5 ถนนสุขุมวิท ตำบลเชิงเนิน
อำเภอเมือง จังหวัดระยอง

วันที่ตรวจวัด : 6 กรกฎาคม 2565
พื้นที่ตรวจวัด : โรงงานผลิตน้ำมันหล่อลื่น (Lube Base Oil Plant)
พื้นที่ PWUT(LUT)

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
647	59	9	84.7
648	59	10	74.4
649	59	11	73.3
650	60	1	-
651	60	2	69.1
652	60	3	-
653	60	4	-
654	60	5	83.8
655	60	6	-
656	60	7	-
657	60	8	78.4
658	60	9	84.6
659	60	10	73.5
660	60	11	74.5
661	61	1	-
662	61	2	-
663	61	3	-
664	61	4	-
665	61	5	79.2
666	61	6	-
667	61	7	-
668	61	8	76.0
669	61	9	-
670	61	10	73.6
671	61	11	78.0
672	62	1	-
673	62	2	-
674	62	3	-
675	62	4	-
676	62	5	75.7
677	62	6	-
678	62	7	-
679	62	8	75.4
680	62	9	-



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ตารางแสดงข้อมูลผลการตรวจวัดระดับเสียง

ชื่อลูกค้า : บริษัท โออาร์พีซี จำกัด (มหาชน)
ที่ตั้งโครงการ : 299 หมู่ 5 ถนนสุขุมวิท ตำบลเชิงเนิน
อำเภอเมือง จังหวัดระยอง

วันที่ตรวจวัด : 6 กรกฎาคม 2565
พื้นที่ตรวจวัด : โรงงานผลิตน้ำมันหล่อลื่น (Lube Base Oil Plant)
พื้นที่ LBOD(LDU)

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
1	1	1	68.0
2	1	2	68.6
3	1	3	65.5
4	1	4	69.1
5	1	5	69.8
6	1	6	69.4
7	1	7	69.5
8	1	8	70.0
9	1	9	70.7
10	1	10	70.3
11	1	11	72.8
12	1	12	72.1
13	1	13	70.5
14	1	14	70.8
15	1	15	72.1
16	1	16	70.8
17	1	17	72.2
18	1	18	74.0
19	2	1	68.3
20	2	2	68.8
21	2	3	70.1
22	2	4	70.2
23	2	5	70.5
24	2	6	69.6
25	2	7	70.5
26	2	8	70.5
27	2	9	70.8
28	2	10	71.8
29	2	11	73.9
30	2	12	73.4
31	2	13	71.8
32	2	14	71.5
33	2	15	72.5
34	2	16	77.8

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
35	2	17	73.4
36	2	18	74.9
37	3	1	68.6
38	3	2	69.1
39	3	3	65.5
40	3	4	69.3
41	3	5	71.5
42	3	6	69.3
43	3	7	71.1
44	3	8	71.3
45	3	9	72.1
46	3	10	72.5
47	3	11	74.1
48	3	12	74.6
49	3	13	71.9
50	3	14	71.8
51	3	15	74.6
52	3	16	75.9
53	3	17	74.2
54	3	18	74.1
55	4	1	69.3
56	4	2	69.5
57	4	3	70.2
58	4	4	71.4
59	4	5	74.5
60	4	6	75.0
61	4	7	73.6
62	4	8	75.7
63	4	9	76.6
64	4	10	76.4
65	4	11	76.6
66	4	12	75.5
67	4	13	73.2
68	4	14	72.7



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ตารางแสดงข้อมูลผลการตรวจวัดระดับเสียง

ชื่อลูกค้า : บริษัท โออาร์พีซี จำกัด (มหาชน)
ที่ตั้งโครงการ : 299 หมู่ 5 ถนนสุขุมวิท ตำบลเชิงเนิน
อำเภอเมือง จังหวัดระยอง

วันที่ตรวจวัด : 6 กรกฎาคม 2565
พื้นที่ตรวจวัด : โรงงานผลิตน้ำมันหล่อลื่น (Lube Base Oil Plant)
พื้นที่ LBOD(LDU)

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
69	4	15	76.8
70	4	16	76.0
71	4	17	74.9
72	4	18	73.9
73	5	1	70.0
74	5	2	70.6
75	5	3	71.0
76	5	4	70.4
77	5	5	76.3
78	5	6	75.4
79	5	7	87.5
80	5	8	88.4
81	5	9	78.5
82	5	10	78.2
83	5	11	77.7
84	5	12	77.8
85	5	13	75.1
86	5	14	74.7
87	5	15	76.6
88	5	16	75.5
89	5	17	75.2
90	5	18	73.6
91	6	1	71.9
92	6	2	72.4
93	6	3	69.3
94	6	4	70.5
95	6	5	78.5
96	6	6	82.6
97	6	7	87.2
98	6	8	86.9
99	6	9	80.6
100	6	10	79.6
101	6	11	79.5
102	6	12	79.3

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
103	6	13	75.9
104	6	14	75.5
105	6	15	77.6
106	6	16	76.3
107	6	17	75.3
108	6	18	73.2
109	7	1	71.7
110	7	2	72.7
111	7	3	73.2
112	7	4	73.4
113	7	5	79.5
114	7	6	80.0
115	7	7	83.3
116	7	8	82.2
117	7	9	81.3
118	7	10	81.0
119	7	11	82.4
120	7	12	84.2
121	7	13	75.4
122	7	14	75.9
123	7	15	80.6
124	7	16	78.9
125	7	17	76.6
126	7	18	77.0
127	8	1	72.1
128	8	2	72.8
129	8	3	72.1
130	8	4	73.5
131	8	5	78.7
132	8	6	79.6
133	8	7	76.2
134	8	8	79.2
135	8	9	82.0
136	8	10	81.6



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ตารางแสดงข้อมูลผลการตรวจวัดระดับเสียง

ชื่อลูกค้า : บริษัท โออาร์พีซี จำกัด (มหาชน)
ที่ตั้งโครงการ : 299 หมู่ 5 ถนนสุขุมวิท ตำบลเชิงเนิน
อำเภอเมือง จังหวัดระยอง

วันที่ตรวจวัด : 6 กรกฎาคม 2565
พื้นที่ตรวจวัด : โรงงานผลิตน้ำมันหล่อลื่น (Lube Base Oil Plant)
พื้นที่ LBOD(LDU)

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
137	8	11	86.8
138	8	12	92.9
139	8	13	77.1
140	8	14	76.4
141	8	15	79.8
142	8	16	78.8
143	8	17	76.6
144	8	18	73.1
145	9	1	72.4
146	9	2	72.9
147	9	3	73.1
148	9	4	72.2
149	9	5	77.9
150	9	6	79.0
151	9	7	76.9
152	9	8	79.7
153	9	9	83.9
154	9	10	81.9
155	9	11	89.9
156	9	12	98.7
157	9	13	77.2
158	9	14	77.5
159	9	15	80.2
160	9	16	77.7
161	9	17	76.6
162	9	18	73.0
163	10	1	72.8
164	10	2	73.6
165	10	3	73.3
166	10	4	73.6
167	10	5	77.1
168	10	6	79.3
169	10	7	76.8
170	10	8	82.8

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
171	10	9	80.7
172	10	10	80.5
173	10	11	85.6
174	10	12	85.2
175	10	13	77.9
176	10	14	78.1
177	10	15	80.7
178	10	16	80.3
179	10	17	77.6
180	10	18	74.2
181	11	1	73.3
182	11	2	73.8
183	11	3	74.2
184	11	4	74.7
185	11	5	76.8
186	11	6	78.4
187	11	7	79.2
188	11	8	81.8
189	11	9	79.0
190	11	10	79.4
191	11	11	82.0
192	11	12	82.4
193	11	13	78.9
194	11	14	78.5
195	11	15	80.7
196	11	16	82.2
197	11	17	77.5
198	11	18	73.7
199	12	1	73.8
200	12	2	74.4
201	12	3	74.5
202	12	4	75.6
203	12	5	76.7
204	12	6	77.4



บริษัท เอส.พี.เอส. คอนซัลติ้ง เซอร์วิส จำกัด
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7 ซอยพหลโยธิน 24 ถนนพหลโยธิน แขวงจอมพล เขตจตุจักร กรุงเทพฯ 10900
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ตารางแสดงข้อมูลผลการตรวจวัดระดับเสียง

ชื่อลูกค้า : บริษัท โออาร์พีซี จำกัด (มหาชน)
ที่ตั้งโครงการ : 299 หมู่ 5 ถนนสุขุมวิท ตำบลเชิงเนิน
อำเภอเมือง จังหวัดระยอง

วันที่ตรวจวัด : 6 กรกฎาคม 2565
พื้นที่ตรวจวัด : โรงงานผลิตน้ำมันหล่อลื่น (Lube Base Oil Plant)
พื้นที่ LBOD(LDU)

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
205	12	7	78.8
206	12	8	81.8
207	12	9	78.2
208	12	10	79.3
209	12	11	81.4
210	12	12	81.6
211	12	13	78.5
212	12	14	79.2
213	12	15	79.9
214	12	16	78.3
215	12	17	77.5
216	12	18	74.2
217	13	1	73.6
218	13	2	74.2
219	13	3	75.5
220	13	4	75.6
221	13	5	76.8
222	13	6	78.4
223	13	7	79.5
224	13	8	82.0
225	13	9	78.7
226	13	10	79.7
227	13	11	82.8
228	13	12	81.2
229	13	13	78.1
230	13	14	78.3
231	13	15	80.0
232	13	16	77.1
233	13	17	77.8
234	13	18	74.4
235	14	1	73.2
236	14	2	73.7
237	14	3	74.4
238	14	4	74.8

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
239	14	5	77.2
240	14	6	78.8
241	14	7	80.2
242	14	8	80.8
243	14	9	80.4
244	14	10	81.0
245	14	11	85.1
246	14	12	81.1
247	14	13	77.8
248	14	14	78.2
249	14	15	80.7
250	14	16	77.9
251	14	17	78.0
252	14	18	74.9
253	15	1	73.5
254	15	2	73.9
255	15	3	75.7
256	15	4	75.4
257	15	5	78.2
258	15	6	79.2
259	15	7	80.5
260	15	8	82.9
261	15	9	83.9
262	15	10	85.0
263	15	11	84.3
264	15	12	81.0
265	15	13	77.9
266	15	14	77.7
267	15	15	81.7
268	15	16	70.1
269	15	17	79.9
270	15	18	76.2
271	16	1	73.9
272	16	2	74.3



บริษัท เอส.พี.เอส. คอนซัลติ้ง เซอร์วิส จำกัด
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ตารางแสดงข้อมูลผลการตรวจวัดระดับเสียง

ชื่อลูกค้า : บริษัท โออาร์พีซี จำกัด (มหาชน)
ที่ตั้งโครงการ : 299 หมู่ 5 ถนนสุขุมวิท ตำบลเชิงเนิน
อำเภอเมือง จังหวัดระยอง

วันที่ตรวจวัด : 6 กรกฎาคม 2565
พื้นที่ตรวจวัด : โรงงานผลิตน้ำมันหล่อลื่น (Lube Base Oil Plant)
พื้นที่ LBOD(LDU)

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
273	16	3	75.6
274	16	4	75.3
275	16	5	78.8
276	16	6	79.6
277	16	7	78.6
278	16	8	83.1
279	16	9	84.3
280	16	10	85.5
281	16	11	84.7
282	16	12	81.2
283	16	13	78.9
284	16	14	77.9
285	16	15	82.1
286	16	16	82.7
287	16	17	81.1
288	16	18	76.5
289	17	1	74.2
290	17	2	75.4
291	17	3	74.5
292	17	4	74.2
293	17	5	73.7
294	17	6	79.4
295	17	7	79.3
296	17	8	84.7
297	17	9	83.3
298	17	10	83.9
299	17	11	86.9
300	17	12	82.4
301	17	13	78.1
302	17	14	77.7
303	17	15	81.8
304	17	16	81.2
305	17	17	79.5
306	17	18	77.0

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
307	18	1	74.5
308	18	2	75.1
309	18	3	74.5
310	18	4	76.1
311	18	5	80.2
312	18	6	78.1
313	18	7	80.0
314	18	8	84.2
315	18	9	85.3
316	18	10	84.8
317	18	11	84.5
318	18	12	82.9
319	18	13	71.4
320	18	14	78.2
321	18	15	81.9
322	18	16	80.4
323	18	17	80.1
324	18	18	77.3
325	19	1	74.7
326	19	2	74.9
327	19	3	74.6
328	19	4	79.1
329	19	5	79.8
330	19	6	78.9
331	19	7	77.9
332	19	8	82.4
333	19	9	84.4
334	19	10	84.1
335	19	11	84.7
336	19	12	83.2
337	19	13	79.2
338	19	14	79.2
339	19	15	80.7
340	19	16	81.5

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บริษัท เอส.พี.เอส. คอนซัลติ้ง เซอร์วิส จำกัด
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ตารางแสดงข้อมูลผลการตรวจวัดระดับเสียง

ชื่อลูกค้า : บริษัท โออาร์พีซี จำกัด (มหาชน)
ที่ตั้งโครงการ : 299 หมู่ 5 ถนนสุขุมวิท ตำบลเชิงเนิน
อำเภอเมือง จังหวัดระยอง

วันที่ตรวจวัด : 6 กรกฎาคม 2565
พื้นที่ตรวจวัด : โรงงานผลิตน้ำมันหล่อลื่น (Lube Base Oil Plant)
พื้นที่ LBOD(LDU)

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
341	19	17	81.3
342	19	18	77.9
343	20	1	75.6
344	20	2	75.9
345	20	3	72.5
346	20	4	80.2
347	20	5	79.9
348	20	6	78.1
349	20	7	77.0
350	20	8	79.2
351	20	9	83.7
352	20	10	83.9
353	20	11	85.2
354	20	12	84.2
355	20	13	80.1
356	20	14	79.2
357	20	15	79.8
358	20	16	79.8
359	20	17	81.6
360	20	18	78.3
361	21	1	75.4
362	21	2	75.8
363	21	3	76.7
364	21	4	80.2
365	21	5	79.6
366	21	6	77.7
367	21	7	77.7
368	21	8	79.7
369	21	9	83.5
370	21	10	83.7
371	21	11	85.0
372	21	12	83.7
373	21	13	83.0
374	21	14	83.4

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
375	21	15	78.8
376	21	16	81.5
377	21	17	81.9
378	21	18	80.3
379	22	1	75.3
380	22	2	75.5
381	22	3	77.5
382	22	4	79.3
383	22	5	79.8
384	22	6	78.1
385	22	7	76.5
386	22	8	78.9
387	22	9	83.9
388	22	10	84.7
389	22	11	86.5
390	22	12	83.3
391	22	13	81.3
392	22	14	81.1
393	22	15	77.9
394	22	16	83.0
395	22	17	82.4
396	22	18	80.7
397	23	1	76.0
398	23	2	76.2
399	23	3	77.2
400	23	4	78.3
401	23	5	80.1
402	23	6	77.7
403	23	7	75.6
404	23	8	78.6
405	23	9	82.8
406	23	10	84.2
407	23	11	84.5
408	23	12	82.8

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บริษัท เอส.พี.เอส. คอนซัลติ้ง เซอร์วิส จำกัด
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ตารางแสดงข้อมูลผลการตรวจวัดระดับเสียง

ชื่อลูกค้า : บริษัท โออาร์พีซี จำกัด (มหาชน)
ที่ตั้งโครงการ : 299 หมู่ 5 ถนนสุขุมวิท ตำบลเชิงเนิน
อำเภอเมือง จังหวัดระยอง

วันที่ตรวจวัด : 6 กรกฎาคม 2565
พื้นที่ตรวจวัด : โรงงานผลิตน้ำมันหล่อลื่น (Lube Base Oil Plant)
พื้นที่ LBOD(LDU)

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
409	23	13	-
410	23	14	-
411	23	15	80.4
412	23	16	81.5
413	23	17	84.0
414	23	18	81.2
415	24	1	75.1
416	24	2	75.6
417	24	3	77.2
418	24	4	77.3
419	24	5	80.0
420	24	6	78.7
421	24	7	74.7
422	24	8	79.2
423	24	9	81.2
424	24	10	83.0
425	24	11	84.7
426	24	12	84.1
427	24	13	-
428	24	14	-
429	24	15	80.0
430	24	16	82.4
431	24	17	85.8
432	24	18	81.9
433	25	1	75.0
434	25	2	75.4
435	25	3	77.1
436	25	4	76.2
437	25	5	79.2
438	25	6	78.9
439	25	7	78.0
440	25	8	78.2
441	25	9	80.3
442	25	10	82.5

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
443	25	11	83.4
444	25	12	85.7
445	25	13	81.1
446	25	14	80.1
447	25	15	80.8
448	25	16	81.9
449	25	17	85.9
450	25	18	43.8
451	26	1	74.9
452	26	2	75.2
453	26	3	76.1
454	26	4	76.1
455	26	5	77.8
456	26	6	78.7
457	26	7	76.2
458	26	8	77.7
459	26	9	79.6
460	26	10	81.5
461	26	11	83.3
462	26	12	84.5
463	26	13	84.1
464	26	14	84.5
465	26	15	79.9
466	26	16	82.6
467	26	17	85.5
468	26	18	84.2
469	27	1	74.9
470	27	2	75.1
471	27	3	76.2
472	27	4	77.2
473	27	5	77.3
474	27	6	78.1
475	27	7	75.0
476	27	8	77.4

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บริษัท เอส.พี.เอส. คอนซัลติ้ง เซอร์วิส จำกัด
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ตารางแสดงข้อมูลผลการตรวจวัดระดับเสียง

ชื่อลูกค้า : บริษัท โออาร์พีซี จำกัด (มหาชน)
ที่ตั้งโครงการ : 299 หมู่ 5 ถนนสุขุมวิท ตำบลเชิงเนิน
อำเภอเมือง จังหวัดระยอง

วันที่ตรวจวัด : 6 กรกฎาคม 2565
พื้นที่ตรวจวัด : โรงงานผลิตน้ำมันหล่อลื่น (Lube Base Oil Plant)
พื้นที่ LBOD(LDU)

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
477	27	9	79.9
478	27	10	81.2
479	27	11	82.0
480	27	12	84.4
481	27	13	84.9
482	27	14	85.3
483	27	15	79.6
484	27	16	80.3
485	27	17	88.1
486	27	18	84.6
487	28	1	74.2
488	28	2	74.5
489	28	3	76.3
490	28	4	77.2
491	28	5	77.2
492	28	6	77.1
493	28	7	73.2
494	28	8	79.6
495	28	9	79.5
496	28	10	80.6
497	28	11	81.5
498	28	12	83.1
499	28	13	83.2
500	28	14	83.5
501	28	15	79.0
502	28	16	81.0
503	28	17	87.0
504	28	18	86.6
505	29	1	74.2
506	29	2	74.7
507	29	3	77.2
508	29	4	77.4
509	29	5	78.4
510	29	6	79.9

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
511	29	7	75.1
512	29	8	79.1
513	29	9	79.1
514	29	10	80.9
515	29	11	82.2
516	29	12	83.2
517	29	13	82.8
518	29	14	81.9
519	29	15	77.9
520	29	16	81.1
521	29	17	87.5
522	29	18	87.7
523	30	1	74.1
524	30	2	74.4
525	30	3	77.1
526	30	4	76.4
527	30	5	76.6
528	30	6	76.5
529	30	7	75.6
530	30	8	78.2
531	30	9	79.5
532	30	10	80.8
533	30	11	84.2
534	30	12	80.4
535	30	13	81.1
536	30	14	81.3
537	30	15	77.5
538	30	16	77.9
539	30	17	88.5
540	30	18	88.5
541	31	1	72.4
542	31	2	72.8
543	31	3	76.2
544	31	4	77.5

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บริษัท เอส.พี.เอส. คอนซัลติ้ง เซอร์วิส จำกัด
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ตารางแสดงข้อมูลผลการตรวจวัดระดับเสียง

ชื่อลูกค้า : บริษัท โออาร์พีซี จำกัด (มหาชน)
ที่ตั้งโครงการ : 299 หมู่ 5 ถนนสุขุมวิท ตำบลเชิงเนิน
อำเภอเมือง จังหวัดระยอง

วันที่ตรวจวัด : 6 กรกฎาคม 2565
พื้นที่ตรวจวัด : โรงงานผลิตน้ำมันหล่อลื่น (Lube Base Oil Plant)
พื้นที่ LBOD(LDU)

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
545	31	5	75.6
546	31	6	75.8
547	31	7	75.0
548	31	8	77.4
549	31	9	79.6
550	31	10	81.6
551	31	11	86.1
552	31	12	84.7
553	31	13	83.7
554	31	14	84.1
555	31	15	77.4
556	31	16	77.4
557	31	17	88.1
558	31	18	90.1
559	32	1	72.2
560	32	2	76.4
561	32	3	76.3
562	32	4	77.6
563	32	5	75.9
564	32	6	75.3
565	32	7	74.7
566	32	8	78.3
567	32	9	79.7
568	32	10	81.9
569	32	11	87.6
570	32	12	82.9
571	32	13	82.1
572	32	14	81.7
573	32	15	77.0
574	32	16	78.9
575	32	17	86.8
576	32	18	89.3
577	33	1	72.1
578	33	2	75.8

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
579	33	3	77.4
580	33	4	73.7
581	33	5	74.1
582	33	6	74.7
583	33	7	75.0
584	33	8	79.8
585	33	9	81.9
586	33	10	82.9
587	33	11	87.8
588	33	12	87.4
589	33	13	82.8
590	33	14	82.3
591	33	15	77.1
592	33	16	79.4
593	33	17	87.1
594	33	18	90.3
595	34	1	72.8
596	34	2	75.0
597	34	3	76.6
598	34	4	71.2
599	34	5	73.3
600	34	6	74.5
601	34	7	73.9
602	34	8	76.9
603	34	9	80.0
604	34	10	82.5
605	34	11	84.5
606	34	12	86.9
607	34	13	83.8
608	34	14	84.9
609	34	15	78.1
610	34	16	79.3
611	34	17	85.5
612	34	18	90.7



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ตารางแสดงข้อมูลผลการตรวจวัดระดับเสียง

ชื่อลูกค้า : บริษัท โออาร์พีซี จำกัด (มหาชน)
ที่ตั้งโครงการ : 299 หมู่ 5 ถนนสุขุมวิท ตำบลเชิงเนิน
อำเภอเมือง จังหวัดระยอง

วันที่ตรวจวัด : 6 กรกฎาคม 2565
พื้นที่ตรวจวัด : โรงงานผลิตน้ำมันหล่อลื่น (Lube Base Oil Plant)
พื้นที่ LBOD(LDU)

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
613	35	1	71.9
614	35	2	74.3
615	35	3	74.4
616	35	4	70.2
617	35	5	74.1
618	35	6	74.8
619	35	7	73.6
620	35	8	77.6
621	35	9	80.3
622	35	10	83.4
623	35	11	83.9
624	35	12	83.3
625	35	13	80.9
626	35	14	81.1
627	35	15	78.3
628	35	16	89.9
629	35	17	84.2
630	35	18	90.4
631	36	1	71.8
632	36	2	73.5
633	36	3	71.3
634	36	4	69.1
635	36	5	73.7
636	36	6	75.3
637	36	7	73.5
638	36	8	72.5
639	36	9	81.6
640	36	10	83.1
641	36	11	83.7
642	36	12	83.4
643	36	13	82.1
644	36	14	81.8
645	36	15	78.1
646	36	16	80.2

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
647	36	17	82.5
648	36	18	90.3
649	37	1	71.6
650	37	2	73.2
651	37	3	70.3
652	37	4	72.2
653	37	5	73.6
654	37	6	74.1
655	37	7	73.8
656	37	8	77.7
657	37	9	83.5
658	37	10	83.5
659	37	11	85.6
660	37	12	85.4
661	37	13	84.5
662	37	14	84.7
663	37	15	79.8
664	37	16	79.6
665	37	17	81.5
666	37	18	90.8
667	38	1	70.2
668	38	2	72.8
669	38	3	68.9
670	38	4	70.1
671	38	5	72.9
672	38	6	73.4
673	38	7	74.9
674	38	8	73.0
675	38	9	81.0
676	38	10	83.8
677	38	11	87.2
678	38	12	83.1
679	38	13	83.1
680	38	14	81.4



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ตารางแสดงข้อมูลผลการตรวจวัดระดับเสียง

ชื่อลูกค้า : บริษัท โออาร์พีซี จำกัด (มหาชน)

ที่ตั้งโครงการ : 299 หมู่ 5 ถนนสุขุมวิท ตำบลเชิงเนิน

อำเภอเมือง จังหวัดระยอง

วันที่ตรวจวัด : 6 กรกฎาคม 2565

พื้นที่ตรวจวัด : โรงงานผลิตน้ำมันหล่อลื่น (Lube Base Oil Plant)

พื้นที่ LBOD(LDU)

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
681	38	15	71.7
682	38	16	79.9
683	38	17	81.5
684	38	18	88.5
685	39	1	70.5
686	39	2	72.9
687	39	3	70.9
688	39	4	71.2
689	39	5	72.6
690	39	6	73.1
691	39	7	75.2
692	39	8	74.2
693	39	9	79.9
694	39	10	84.2
695	39	11	90.4
696	39	12	88.9
697	39	13	84.3
698	39	14	83.7
699	39	15	82.2
700	39	16	79.1
701	39	17	80.4
702	39	18	87.3
703	40	1	70.5
704	40	2	72.4
705	40	3	70.2
706	40	4	70.1
707	40	5	72.4
708	40	6	71.8
709	40	7	73.4
710	40	8	75.6
711	40	9	79.6
712	40	10	81.2
713	40	11	88.0
714	40	12	85.3

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
715	40	13	87.4
716	40	14	86.9
717	40	15	81.5
718	40	16	49.0
719	40	17	78.6
720	40	18	84.9
721	41	1	69.8
722	41	2	72.6
723	41	3	68.3
724	41	4	71.2
725	41	5	72.3
726	41	6	72.1
727	41	7	72.6
728	41	8	73.8
729	41	9	76.7
730	41	10	79.9
731	41	11	82.0
732	41	12	79.5
733	41	13	87.5
734	41	14	88.4
735	41	15	80.8
736	41	16	49.1
737	41	17	77.3
738	41	18	80.2
739	42	1	69.5
740	42	2	72.4
741	42	3	70.3
742	42	4	72.1
743	42	5	73.2
744	42	6	71.1
745	42	7	72.5
746	42	8	74.4
747	42	9	76.1
748	42	10	78.4

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ตารางแสดงข้อมูลผลการตรวจวัดระดับเสียง

ชื่อลูกค้า : บริษัท โออาร์พีซี จำกัด (มหาชน)

ที่ตั้งโครงการ : 299 หมู่ 5 ถนนสุขุมวิท ตำบลเชิงเนิน

อำเภอเมือง จังหวัดระยอง

วันที่ตรวจวัด : 6 กรกฎาคม 2565

พื้นที่ตรวจวัด : โรงงานผลิตน้ำมันหล่อลื่น (Lube Base Oil Plant)

พื้นที่ LBOD(LDU)

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
749	42	11	80.9
750	42	12	78.3
751	42	13	86.5
752	42	14	87.9
753	42	15	79.8
754	42	16	78.9
755	42	17	76.8
756	42	18	81.8
757	43	1	69.5
758	43	2	71.6
759	43	3	70.3
760	43	4	68.2
761	43	5	71.4
762	43	6	71.2
763	43	7	72.3
764	43	8	74.0
765	43	9	76.0
766	43	10	78.3
767	43	11	80.6
768	43	12	77.4
769	43	13	87.9
770	43	14	86.3
771	43	15	79.8
772	43	16	78.4
773	43	17	76.7
774	43	18	80.1
775	44	1	70.3
776	44	2	71.4
777	44	3	68.4
778	44	4	67.1
779	44	5	70.0
780	44	6	71.9
781	44	7	73.4
782	44	8	74.3

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
783	44	9	76.9
784	44	10	78.4
785	44	11	81.3
786	44	12	77.6
787	44	13	84.7
788	44	14	84.1
789	44	15	80.0
790	44	16	88.0
791	44	17	76.4
792	44	18	80.5
793	45	1	69.9
794	45	2	69.9
795	45	3	68.2
796	45	4	67.2
797	45	5	71.2
798	45	6	71.6
799	45	7	73.1
800	45	8	74.8
801	45	9	76.8
802	45	10	79.5
803	45	11	80.2
804	45	12	79.0
805	45	13	84.3
806	45	14	84.6
807	45	15	79.8
808	45	16	77.7
809	45	17	75.7
810	45	18	79.4
811	46	1	68.8
812	46	2	69.8
813	46	3	67.1
814	46	4	67.3
815	46	5	69.3
816	46	6	71.1

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บริษัท เอส.พี.เอส. คอนซัลติ้ง เซอร์วิส จำกัด
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ตารางแสดงข้อมูลผลการตรวจวัดระดับเสียง

ชื่อลูกค้า : บริษัท โออาร์พีซี จำกัด (มหาชน)
ที่ตั้งโครงการ : 299 หมู่ 5 ถนนสุขุมวิท ตำบลเชิงเนิน
อำเภอเมือง จังหวัดระยอง

วันที่ตรวจวัด : 6 กรกฎาคม 2565
พื้นที่ตรวจวัด : โรงงานผลิตน้ำมันหล่อลื่น (Lube Base Oil Plant)
พื้นที่ LBOD(LDU)

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
817	46	7	72.8
818	46	8	75.5
819	46	9	77.8
820	46	10	78.7
821	46	11	81.1
822	46	12	82.4
823	46	13	79.2
824	46	14	84.3
825	46	15	79.7
826	46	16	79.8
827	46	17	76.6
828	46	18	79.2
829	47	1	67.0
830	47	2	69.1
831	47	3	67.3
832	47	4	66.4
833	47	5	69.6
834	47	6	71.7
835	47	7	71.8
836	47	8	69.5
837	47	9	76.6
838	47	10	78.5
839	47	11	81.2
840	47	12	84.2
841	47	13	74.2
842	47	14	76.6
843	47	15	77.5
844	47	16	78.8
845	47	17	76.3
846	47	18	77.7
847	48	1	66.4
848	48	2	69.1
849	48	3	67.2
850	48	4	67.4

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
851	48	5	69.8
852	48	6	71.0
853	48	7	69.2
854	48	8	71.7
855	48	9	73.5
856	48	10	77.8
857	48	11	80.3
858	48	12	80.9
859	48	13	77.0
860	48	14	76.8
861	48	15	77.6
862	48	16	78.1
863	48	17	76.0
864	48	18	78.1
865	49	1	66.3
866	49	2	68.4
867	49	3	67.2
868	49	4	67.2
869	49	5	69.9
870	49	6	70.2
871	49	7	70.3
872	49	8	71.8
873	49	9	73.0
874	49	10	77.3
875	49	11	78.7
876	49	12	80.0
877	49	13	77.1
878	49	14	76.2
879	49	15	76.8
880	49	16	77.1
881	49	17	75.6
882	49	18	75.9
883	50	1	65.5
884	50	2	68.5



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ตารางแสดงข้อมูลผลการตรวจวัดระดับเสียง

ชื่อลูกค้า : บริษัท โออาร์พีซี จำกัด (มหาชน)
ที่ตั้งโครงการ : 299 หมู่ 5 ถนนสุขุมวิท ตำบลเชิงเนิน
อำเภอเมือง จังหวัดระยอง

วันที่ตรวจวัด : 6 กรกฎาคม 2565
พื้นที่ตรวจวัด : โรงงานผลิตน้ำมันหล่อลื่น (Lube Base Oil Plant)
พื้นที่ LBOD(LDU)

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
885	50	3	67.2
886	50	4	67.3
887	50	5	70.7
888	50	6	68.1
889	50	7	72.3
890	50	8	71.2
891	50	9	72.9
892	50	10	76.4
893	50	11	79.5
894	50	12	84.6
895	50	13	79.4
896	50	14	79.5
897	50	15	76.9
898	50	16	77.4
899	50	17	75.6
900	50	18	76.0
901	51	1	65.7
902	51	2	67.9
903	51	3	67.7
904	51	4	67.3
905	51	5	73.4
906	51	6	69.2
907	51	7	70.7
908	51	8	71.5
909	51	9	74.6
910	51	10	77.5
911	51	11	82.0
912	51	12	79.4
913	51	13	79.2
914	51	14	74.7
915	51	15	76.6
916	51	16	77.2
917	51	17	70.6
918	51	18	75.7

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
919	52	1	64.8
920	52	2	67.8
921	52	3	67.6
922	52	4	67.2
923	52	5	72.8
924	52	6	68.3
925	52	7	71.1
926	52	8	72.2
927	52	9	72.6
928	52	10	79.6
929	52	11	83.0
930	52	12	83.0
931	52	13	74.4
932	52	14	74.2
933	52	15	73.2
934	52	16	74.3
935	52	17	74.8
936	52	18	73.8
937	53	1	66.1
938	53	2	67.5
939	53	3	66.2
940	53	4	67.1
941	53	5	66.1
942	53	6	67.1
943	53	7	75.0
944	53	8	73.0
945	53	9	74.6
946	53	10	75.7
947	53	11	77.4
948	53	12	84.3
949	53	13	74.1
950	53	14	72.0
951	53	15	72.6
952	53	16	74.7



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ตารางแสดงข้อมูลผลการตรวจวัดระดับเสียง

ชื่อลูกค้า : บริษัท โออาร์พีซี จำกัด (มหาชน)
ที่ตั้งโครงการ : 299 หมู่ 5 ถนนสุขุมวิท ตำบลเชิงเนิน
อำเภอเมือง จังหวัดระยอง

วันที่ตรวจวัด : 6 กรกฎาคม 2565
พื้นที่ตรวจวัด : โรงงานผลิตน้ำมันหล่อลื่น (Lube Base Oil Plant)
พื้นที่ LBOD(LDU)

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
953	53	17	73.8
954	53	18	72.8
955	54	1	64.8
956	54	2	67.9
957	54	3	67.3
958	54	4	67.3
959	54	5	68.1
960	54	6	67.4
961	54	7	70.7
962	54	8	71.8
963	54	9	71.8
964	54	10	72.4
965	54	11	74.5
966	54	12	78.5
967	54	13	72.4
968	54	14	72.6
969	54	15	73.0
970	54	16	74.4
971	54	17	72.1
972	54	18	72.2
973	55	1	64.8
974	55	2	66.7
975	55	3	65.3
976	55	4	66.4
977	55	5	68.2
978	55	6	65.1
979	55	7	73.8
980	55	8	73.4
981	55	9	71.7
982	55	10	71.9
983	55	11	74.0
984	55	12	74.4
985	55	13	72.2
986	55	14	72.0

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
987	55	15	75.1
988	55	16	73.9
989	55	17	70.6
990	55	18	72.4
991	56	1	64.3
992	56	2	66.0
993	56	3	62.4
994	56	4	66.5
995	56	5	67.4
996	56	6	64.7
997	56	7	-
998	56	8	-
999	56	9	72.8
1000	56	10	72.3
1001	56	11	74.9
1002	56	12	74.2
1003	56	13	72.4
1004	56	14	72.1
1005	56	15	73.2
1006	56	16	73.8
1007	56	17	69.7
1008	56	18	72.9

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ตารางแสดงข้อมูลผลการตรวจวัดระดับเสียง

ชื่อลูกค้า : บริษัท โออาร์พีซี จำกัด (มหาชน)
ที่ตั้งโครงการ : 299 หมู่ 5 ถนนสุขุมวิท ตำบลเชิงเนิน
อำเภอเมือง จังหวัดระยอง

วันที่ตรวจวัด : 6 กรกฎาคม 2565
พื้นที่ตรวจวัด : โรงงานผลิตน้ำมันหล่อลื่น (Lube Base Oil Plant)
พื้นที่ LBOT(LTU)

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
1	1	1	72.5
2	1	2	71.0
3	1	3	72.9
4	1	4	71.8
5	1	5	71.6
6	1	6	77.1
7	1	7	71.4
8	1	8	71.9
9	1	9	72.2
10	1	10	73.5
11	1	11	75.5
12	1	12	74.2
13	1	13	73.2
14	1	14	72.4
15	1	15	-
16	1	16	-
17	1	17	68.3
18	1	18	67.5
19	1	19	68.1
20	1	20	67.5
21	1	21	68.3
22	2	1	74.9
23	2	2	74.1
24	2	3	72.6
25	2	4	71.6
26	2	5	71.4
27	2	6	76.6
28	2	7	72.3
29	2	8	71.6
30	2	9	71.9
31	2	10	77.3
32	2	11	76.6
33	2	12	73.3
34	2	13	73.3

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
35	2	14	73.3
36	2	15	-
37	2	16	-
38	2	17	68.9
39	2	18	67.5
40	2	19	68.6
41	2	20	67.9
42	2	21	68.1
43	3	1	75.3
44	3	2	75.6
45	3	3	72.8
46	3	4	72.0
47	3	5	72.5
48	3	6	74.6
49	3	7	71.0
50	3	8	75.1
51	3	9	73.9
52	3	10	76.8
53	3	11	77.2
54	3	12	73.4
55	3	13	74.2
56	3	14	73.2
57	3	15	70.5
58	3	16	69.9
59	3	17	68.4
60	3	18	67.5
61	3	19	69.1
62	3	20	67.9
63	3	21	67.8
64	4	1	74.9
65	4	2	73.4
66	4	3	73.8
67	4	4	72.5
68	4	5	73.1



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ตารางแสดงข้อมูลผลการตรวจวัดระดับเสียง

ชื่อลูกค้า : บริษัท โออาร์พีซี จำกัด (มหาชน)
ที่ตั้งโครงการ : 299 หมู่ 5 ถนนสุขุมวิท ตำบลเชิงเนิน
อำเภอเมือง จังหวัดระยอง

วันที่ตรวจวัด : 6 กรกฎาคม 2565
พื้นที่ตรวจวัด : โรงงานผลิตน้ำมันหล่อลื่น (Lube Base Oil Plant)
พื้นที่ LBOT(LTU)

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
69	4	6	71.5
70	4	7	72.0
71	4	8	-
72	4	9	73.4
73	4	10	75.0
74	4	11	78.3
75	4	12	75.3
76	4	13	75.1
77	4	14	74.2
78	4	15	70.9
79	4	16	70.1
80	4	17	70.8
81	4	18	68.8
82	4	19	68.9
83	4	20	68.0
84	4	21	67.4
85	5	1	75.3
86	5	2	72.8
87	5	3	73.4
88	5	4	73.4
89	5	5	74.2
90	5	6	71.2
91	5	7	71.5
92	5	8	-
93	5	9	77.4
94	5	10	76.7
95	5	11	77.8
96	5	12	74.3
97	5	13	75.2
98	5	14	85.4
99	5	15	71.0
100	5	16	70.5
101	5	17	69.8
102	5	18	68.9

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
103	5	19	69.3
104	5	20	67.6
105	5	21	67.5
106	6	1	77.5
107	6	2	73.2
108	6	3	73.0
109	6	4	72.8
110	6	5	74.2
111	6	6	73.5
112	6	7	72.0
113	6	8	-
114	6	9	75.1
115	6	10	76.4
116	6	11	77.7
117	6	12	73.5
118	6	13	84.3
119	6	14	81.4
120	6	15	71.3
121	6	16	71.4
122	6	17	70.2
123	6	18	70.0
124	6	19	69.1
125	6	20	67.9
126	6	21	66.2
127	7	1	78.0
128	7	2	75.4
129	7	3	74.0
130	7	4	74.2
131	7	5	75.0
132	7	6	72.0
133	7	7	70.6
134	7	8	-
135	7	9	75.5
136	7	10	77.5

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ตารางแสดงข้อมูลผลการตรวจวัดระดับเสียง

ชื่อลูกค้า : บริษัท โออาร์พีซี จำกัด (มหาชน)
ที่ตั้งโครงการ : 299 หมู่ 5 ถนนสุขุมวิท ตำบลเชิงเนิน
อำเภอเมือง จังหวัดระยอง

วันที่ตรวจวัด : 6 กรกฎาคม 2565
พื้นที่ตรวจวัด : โรงงานผลิตน้ำมันหล่อลื่น (Lube Base Oil Plant)
พื้นที่ LBOT(LTU)

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
137	7	11	78.0
138	7	12	72.5
139	7	13	73.2
140	7	14	87.5
141	7	15	71.7
142	7	16	71.6
143	7	17	71.5
144	7	18	70.0
145	7	19	68.8
146	7	20	67.8
147	7	21	66.9
148	8	1	79.0
149	8	2	77.4
150	8	3	75.4
151	8	4	74.9
152	8	5	75.6
153	8	6	73.0
154	8	7	70.8
155	8	8	-
156	8	9	76.7
157	8	10	77.6
158	8	11	78.1
159	8	12	78.6
160	8	13	71.3
161	8	14	81.5
162	8	15	72.7
163	8	16	71.8
164	8	17	79.4
165	8	18	70.4
166	8	19	68.3
167	8	20	67.6
168	8	21	67.0
169	9	1	78.1
170	9	2	77.8

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
171	9	3	76.0
172	9	4	74.6
173	9	5	76.6
174	9	6	77.1
175	9	7	71.1
176	9	8	-
177	9	9	76.4
178	9	10	78.0
179	9	11	78.4
180	9	12	75.7
181	9	13	74.4
182	9	14	75.5
183	9	15	74.8
184	9	16	73.0
185	9	17	78.7
186	9	18	73.8
187	9	19	69.2
188	9	20	69.4
189	9	21	67.4
190	10	1	79.8
191	10	2	77.6
192	10	3	75.3
193	10	4	75.5
194	10	5	77.2
195	10	6	77.6
196	10	7	73.3
197	10	8	77.7
198	10	9	76.5
199	10	10	80.0
200	10	11	79.9
201	10	12	75.7
202	10	13	76.3
203	10	14	77.6
204	10	15	80.2

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บริษัท เอส.พี.เอส. คอนซัลติ้ง เซอร์วิส จำกัด
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ตารางแสดงข้อมูลผลการตรวจวัดระดับเสียง

ชื่อลูกค้า : บริษัท ไออาร์พีซี จำกัด (มหาชน)
ที่ตั้งโครงการ : 299 หมู่ 5 ถนนสุขุมวิท ตำบลเชิงเนิน
อำเภอเมือง จังหวัดระยอง

วันที่ตรวจวัด : 6 กรกฎาคม 2565
พื้นที่ตรวจวัด : โรงงานผลิตน้ำมันหล่อลื่น (Lube Base Oil Plant)
พื้นที่ LBOT(LTU)

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
205	10	16	76.4
206	10	17	83.1
207	10	18	75.8
208	10	19	70.3
209	10	20	69.8
210	10	21	68.3
211	11	1	78.4
212	11	2	78.4
213	11	3	76.4
214	11	4	76.1
215	11	5	78.5
216	11	6	78.6
217	11	7	74.3
218	11	8	77.2
219	11	9	77.7
220	11	10	81.0
221	11	11	82.1
222	11	12	76.3
223	11	13	74.2
224	11	14	76.7
225	11	15	86.5
226	11	16	80.4
227	11	17	76.1
228	11	18	73.6
229	11	19	70.6
230	11	20	69.5
231	11	21	69.2
232	12	1	80.1
233	12	2	77.6
234	12	3	78.4
235	12	4	75.1
236	12	5	77.1
237	12	6	79.6
238	12	7	77.6

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
239	12	8	77.6
240	12	9	77.8
241	12	10	81.7
242	12	11	81.5
243	12	12	75.2
244	12	13	75.1
245	12	14	77.2
246	12	15	87.3
247	12	16	80.9
248	12	17	73.4
249	12	18	73.8
250	12	19	71.2
251	12	20	70.7
252	12	21	70.0
253	13	1	79.4
254	13	2	76.3
255	13	3	79.7
256	13	4	75.8
257	13	5	77.3
258	13	6	79.8
259	13	7	78.3
260	13	8	78.1
261	13	9	79.4
262	13	10	82.0
263	13	11	82.6
264	13	12	75.1
265	13	13	74.3
266	13	14	78.3
267	13	15	85.4
268	13	16	81.9
269	13	17	73.4
270	13	18	72.7
271	13	19	71.3
272	13	20	71.8

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บริษัท เอส.พี.เอส. คอนซัลติ้ง เซอร์วิส จำกัด
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ตารางแสดงข้อมูลผลการตรวจวัดระดับเสียง

ชื่อลูกค้า : บริษัท ไออาร์พีซี จำกัด (มหาชน)
ที่ตั้งโครงการ : 299 หมู่ 5 ถนนสุขุมวิท ตำบลเชิงเนิน
อำเภอเมือง จังหวัดระยอง

วันที่ตรวจวัด : 6 กรกฎาคม 2565
พื้นที่ตรวจวัด : โรงงานผลิตน้ำมันหล่อลื่น (Lube Base Oil Plant)
พื้นที่ LBOT(LTU)

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
273	13	21	70.3
274	14	1	82.1
275	14	2	77.8
276	14	3	80.1
277	14	4	78.2
278	14	5	78.1
279	14	6	80.0
280	14	7	79.3
281	14	8	77.2
282	14	9	80.6
283	14	10	83.7
284	14	11	84.2
285	14	12	75.3
286	14	13	75.2
287	14	14	79.4
288	14	15	80.4
289	14	16	79.5
290	14	17	72.9
291	14	18	73.4
292	14	19	71.4
293	14	20	71.8
294	14	21	71.7
295	15	1	82.5
296	15	2	76.4
297	15	3	81.2
298	15	4	78.3
299	15	5	79.2
300	15	6	81.6
301	15	7	80.2
302	15	8	77.7
303	15	9	82.2
304	15	10	84.8
305	15	11	85.2
306	15	12	79.2

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
307	15	13	79.5
308	15	14	80.5
309	15	15	79.9
310	15	16	78.7
311	15	17	75.9
312	15	18	72.9
313	15	19	71.9
314	15	20	73.9
315	15	21	71.4
316	16	1	81.9
317	16	2	78.1
318	16	3	80.5
319	16	4	78.4
320	16	5	78.8
321	16	6	82.5
322	16	7	80.7
323	16	8	80.8
324	16	9	84.1
325	16	10	87.5
326	16	11	81.1
327	16	12	80.2
328	16	13	81.6
329	16	14	80.6
330	16	15	78.2
331	16	16	76.3
332	16	17	75.2
333	16	18	73.4
334	16	19	72.1
335	16	20	72.2
336	16	21	72.3
337	17	1	82.1
338	17	2	80.6
339	17	3	80.4
340	17	4	78.1

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บริษัท เอส.พี.เอส. คอนซัลติ้ง เซอร์วิส จำกัด
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ตารางแสดงข้อมูลผลการตรวจวัดระดับเสียง

ชื่อลูกค้า : บริษัท โออาร์พีซี จำกัด (มหาชน)
ที่ตั้งโครงการ : 299 หมู่ 5 ถนนสุขุมวิท ตำบลเชิงเนิน
อำเภอเมือง จังหวัดระยอง

วันที่ตรวจวัด : 6 กรกฎาคม 2565
พื้นที่ตรวจวัด : โรงงานผลิตน้ำมันหล่อลื่น (Lube Base Oil Plant)
พื้นที่ LBOT(LTU)

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
341	17	5	80.5
342	17	6	84.3
343	17	7	81.2
344	17	8	81.6
345	17	9	84.1
346	17	10	87.5
347	17	11	81.1
348	17	12	83.3
349	17	13	83.6
350	17	14	83.7
351	17	15	78.1
352	17	16	75.0
353	17	17	74.3
354	17	18	72.8
355	17	19	73.6
356	17	20	73.5
357	17	21	73.2
358	18	1	82.5
359	18	2	77.4
360	18	3	80.1
361	18	4	79.2
362	18	5	80.4
363	18	6	80.6
364	18	7	80.4
365	18	8	79.3
366	18	9	82.7
367	18	10	86.4
368	18	11	85.6
369	18	12	84.2
370	18	13	84.7
371	18	14	84.3
372	18	15	79.3
373	18	16	74.7
374	18	17	73.9

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
375	18	18	73.4
376	18	19	73.4
377	18	20	73.5
378	18	21	73.8
379	19	1	83.4
380	19	2	80.0
381	19	3	81.1
382	19	4	80.4
383	19	5	79.9
384	19	6	82.5
385	19	7	82.0
386	19	8	82.7
387	19	9	84.3
388	19	10	87.1
389	19	11	86.4
390	19	12	85.1
391	19	13	84.3
392	19	14	84.2
393	19	15	75.3
394	19	16	77.1
395	19	17	71.7
396	19	18	72.7
397	19	19	74.6
398	19	20	74.0
399	19	21	73.4
400	20	1	84.0
401	20	2	80.7
402	20	3	81.5
403	20	4	81.0
404	20	5	83.8
405	20	6	83.0
406	20	7	82.5
407	20	8	81.3
408	20	9	83.7

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ตารางแสดงข้อมูลผลการตรวจวัดระดับเสียง

ชื่อลูกค้า : บริษัท โออาร์พีซี จำกัด (มหาชน)
ที่ตั้งโครงการ : 299 หมู่ 5 ถนนสุขุมวิท ตำบลเชิงเนิน
อำเภอเมือง จังหวัดระยอง

วันที่ตรวจวัด : 6 กรกฎาคม 2565
พื้นที่ตรวจวัด : โรงงานผลิตน้ำมันหล่อลื่น (Lube Base Oil Plant)
พื้นที่ LBOT(LTU)

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
409	20	10	87.6
410	20	11	87.6
411	20	12	87.5
412	20	13	87.4
413	20	14	86.1
414	20	15	78.8
415	20	16	78.5
416	20	17	73.1
417	20	18	74.0
418	20	19	73.7
419	20	20	73.3
420	20	21	72.2
421	21	1	84.0
422	21	2	80.2
423	21	3	80.1
424	21	4	82.1
425	21	5	85.7
426	21	6	83.1
427	21	7	83.6
428	21	8	81.5
429	21	9	84.1
430	21	10	88.8
431	21	11	88.3
432	21	12	86.8
433	21	13	87.5
434	21	14	87.2
435	21	15	78.7
436	21	16	80.7
437	21	17	73.4
438	21	18	72.9
439	21	19	73.1
440	21	20	73.2
441	21	21	72.5
442	22	1	83.9

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
443	22	2	80.3
444	22	3	80.5
445	22	4	82.2
446	22	5	86.8
447	22	6	83.8
448	22	7	85.6
449	22	8	83.7
450	22	9	84.3
451	22	10	87.4
452	22	11	88.7
453	22	12	85.7
454	22	13	86.6
455	22	14	87.4
456	22	15	83.6
457	22	16	80.5
458	22	17	72.8
459	22	18	73.2
460	22	19	73.6
461	22	20	74.0
462	22	21	74.5
463	23	1	84.3
464	23	2	80.5
465	23	3	80.7
466	23	4	80.1
467	23	5	88.9
468	23	6	85.3
469	23	7	86.3
470	23	8	85.2
471	23	9	89.4
472	23	10	88.5
473	23	11	84.0
474	23	12	86.6
475	23	13	85.7
476	23	14	86.5

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บริษัท เอส.พี.เอส. คอนซัลติ้ง เซอร์วิส จำกัด
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ตารางแสดงข้อมูลผลการตรวจวัดระดับเสียง

ชื่อลูกค้า : บริษัท โออาร์พีซี จำกัด (มหาชน)
ที่ตั้งโครงการ : 299 หมู่ 5 ถนนสุขุมวิท ตำบลเชิงเนิน
อำเภอเมือง จังหวัดระยอง

วันที่ตรวจวัด : 6 กรกฎาคม 2565
พื้นที่ตรวจวัด : โรงงานผลิตน้ำมันหล่อลื่น (Lube Base Oil Plant)
พื้นที่ LBOT(LTU)

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
477	23	15	80.8
478	23	16	79.6
479	23	17	74.6
480	23	18	73.9
481	23	19	75.3
482	23	20	74.8
483	23	21	75.4
484	24	1	83.7
485	24	2	80.1
486	24	3	80.4
487	24	4	83.9
488	24	5	91.0
489	24	6	86.6
490	24	7	87.2
491	24	8	86.9
492	24	9	89.6
493	24	10	89.6
494	24	11	85.3
495	24	12	87.6
496	24	13	86.6
497	24	14	85.6
498	24	15	78.6
499	24	16	79.5
500	24	17	75.3
501	24	18	74.0
502	24	19	75.4
503	24	20	74.9
504	24	21	73.4
505	25	1	84.7
506	25	2	81.4
507	25	3	81.1
508	25	4	85.7
509	25	5	89.1
510	25	6	87.5

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
511	25	7	90.2
512	25	8	86.2
513	25	9	93.8
514	25	10	92.7
515	25	11	85.2
516	25	12	86.5
517	25	13	87.8
518	25	14	86.2
519	25	15	79.5
520	25	16	79.1
521	25	17	74.5
522	25	18	74.3
523	25	19	74.3
524	25	20	73.6
525	25	21	72.6
526	26	1	84.5
527	26	2	81.0
528	26	3	84.4
529	26	4	85.8
530	26	5	90.6
531	26	6	90.5
532	26	7	89.2
533	26	8	87.3
534	26	9	88.8
535	26	10	92.1
536	26	11	84.0
537	26	12	87.7
538	26	13	87.9
539	26	14	87.3
540	26	15	81.5
541	26	16	78.6
542	26	17	75.1
543	26	18	74.2
544	26	19	74.4

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บริษัท เอส.พี.เอส. คอนซัลติ้ง เซอร์วิส จำกัด
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ตารางแสดงข้อมูลผลการตรวจวัดระดับเสียง

ชื่อลูกค้า : บริษัท โออาร์พีซี จำกัด (มหาชน)
ที่ตั้งโครงการ : 299 หมู่ 5 ถนนสุขุมวิท ตำบลเชิงเนิน
อำเภอเมือง จังหวัดระยอง

วันที่ตรวจวัด : 6 กรกฎาคม 2565
พื้นที่ตรวจวัด : โรงงานผลิตน้ำมันหล่อลื่น (Lube Base Oil Plant)
พื้นที่ LBOT(LTU)

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
545	26	20	73.5
546	26	21	72.8
547	27	1	84.1
548	27	2	81.8
549	27	3	83.9
550	27	4	86.7
551	27	5	90.1
552	27	6	89.5
553	27	7	89.9
554	27	8	87.4
555	27	9	92.4
556	27	10	96.2
557	27	11	90.7
558	27	12	87.8
559	27	13	87.2
560	27	14	86.2
561	27	15	79.7
562	27	16	80.3
563	27	17	77.2
564	27	18	73.6
565	27	19	76.8
566	27	20	73.0
567	27	21	73.3
568	28	1	83.1
569	28	2	83.8
570	28	3	83.1
571	28	4	88.1
572	28	5	90.6
573	28	6	89.0
574	28	7	91.7
575	28	8	89.2
576	28	9	90.8
577	28	10	96.0
578	28	11	92.4

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
579	28	12	87.2
580	28	13	88.3
581	28	14	87.4
582	28	15	80.9
583	28	16	79.8
584	28	17	78.5
585	28	18	73.1
586	28	19	72.5
587	28	20	72.5
588	28	21	72.1
589	29	1	83.4
590	29	2	84.4
591	29	3	84.2
592	29	4	88.8
593	29	5	91.1
594	29	6	91.3
595	29	7	92.8
596	29	8	89.8
597	29	9	88.1
598	29	10	97.4
599	29	11	92.7
600	29	12	88.1
601	29	13	90.2
602	29	14	89.5
603	29	15	81.0
604	29	16	80.7
605	29	17	77.7
606	29	18	74.4
607	29	19	72.3
608	29	20	71.9
609	29	21	71.6
610	30	1	83.7
611	30	2	83.0
612	30	3	83.2

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บริษัท เอส.พี.เอส. คอนซัลติ้ง เซอร์วิส จำกัด
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ตารางแสดงข้อมูลผลการตรวจวัดระดับเสียง

ชื่อลูกค้า : บริษัท โออาร์พีซี จำกัด (มหาชน)

วันที่ตรวจวัด : 6 กรกฎาคม 2565

ที่ตั้งโครงการ : 299 หมู่ 5 ถนนสุขุมวิท ตำบลเชิงเนิน

พื้นที่ตรวจวัด : โรงงานผลิตน้ำมันหล่อลื่น (Lube Base Oil Plant)

อำเภอเมือง จังหวัดระยอง

พื้นที่ LBOT(LTU)

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
613	30	4	88.4
614	30	5	88.5
615	30	6	93.3
616	30	7	95.5
617	30	8	92.8
618	30	9	87.5
619	30	10	97.1
620	30	11	93.5
621	30	12	87.2
622	30	13	91.1
623	30	14	90.6
624	30	15	81.2
625	30	16	84.7
626	30	17	76.5
627	30	18	77.9
628	30	19	71.7
629	30	20	73.9
630	30	21	73.3
631	31	1	82.9
632	31	2	84.6
633	31	3	84.1
634	31	4	88.7
635	31	5	89.1
636	31	6	96.6
637	31	7	97.9
638	31	8	94.3
639	31	9	94.3
640	31	10	95.7
641	31	11	92.4
642	31	12	88.4
643	31	13	91.4
644	31	14	91.3
645	31	15	81.5
646	31	16	87.3

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
647	31	17	78.3
648	31	18	76.8
649	31	19	75.0
650	31	20	74.4
651	31	21	73.9
652	32	1	82.4
653	32	2	83.9
654	32	3	84.3
655	32	4	88.7
656	32	5	88.5
657	32	6	97.5
658	32	7	97.7
659	32	8	96.0
660	32	9	94.8
661	32	10	95.0
662	32	11	88.2
663	32	12	87.3
664	32	13	91.5
665	32	14	91.2
666	32	15	86.0
667	32	16	90.8
668	32	17	78.9
669	32	18	76.7
670	32	19	74.9
671	32	20	74.3
672	32	21	74.4
673	33	1	82.6
674	33	2	84.3
675	33	3	84.1
676	33	4	87.8
677	33	5	86.7
678	33	6	97.0
679	33	7	97.6
680	33	8	95.5

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บริษัท เอส.พี.เอส. คอนซัลติ้ง เซอร์วิส จำกัด
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ตารางแสดงข้อมูลผลการตรวจวัดระดับเสียง

ชื่อลูกค้า : บริษัท โออาร์พีซี จำกัด (มหาชน)

วันที่ตรวจวัด : 6 กรกฎาคม 2565

ที่ตั้งโครงการ : 299 หมู่ 5 ถนนสุขุมวิท ตำบลเชิงเนิน

พื้นที่ตรวจวัด : โรงงานผลิตน้ำมันหล่อลื่น (Lube Base Oil Plant)

อำเภอเมือง จังหวัดระยอง

พื้นที่ LBOT(LTU)

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
681	33	9	93.2
682	33	10	94.0
683	33	11	86.2
684	33	12	90.4
685	33	13	91.2
686	33	14	90.1
687	33	15	88.4
688	33	16	88.3
689	33	17	77.7
690	33	18	76.3
691	33	19	76.0
692	33	20	75.6
693	33	21	75.0
694	34	1	81.3
695	34	2	84.3
696	34	3	84.3
697	34	4	89.3
698	34	5	88.2
699	34	6	96.9
700	34	7	98.5
701	34	8	93.4
702	34	9	90.5
703	34	10	97.4
704	34	11	87.4
705	34	12	92.2
706	34	13	92.3
707	34	14	90.4
708	34	15	89.2
709	34	16	85.7
710	34	17	76.0
711	34	18	75.0
712	34	19	74.7
713	34	20	75.5
714	34	21	74.9

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
715	35	1	80.9
716	35	2	84.4
717	35	3	84.6
718	35	4	86.7
719	35	5	82.3
720	35	6	97.6
721	35	7	97.3
722	35	8	92.5
723	35	9	92.1
724	35	10	90.6
725	35	11	83.2
726	35	12	91.1
727	35	13	91.2
728	35	14	90.5
729	35	15	92.8
730	35	16	82.3
731	35	17	75.8
732	35	18	74.2
733	35	19	74.6
734	35	20	74.7
735	35	21	73.7
736	36	1	81.0
737	36	2	84.4
738	36	3	83.4
739	36	4	87.2
740	36	5	80.6
741	36	6	97.7
742	36	7	94.8
743	36	8	89.3
744	36	9	86.8
745	36	10	87.4
746	36	11	84.8
747	36	12	91.2
748	36	13	91.1

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ตารางแสดงข้อมูลผลการตรวจวัดระดับเสียง

ชื่อลูกค้า : บริษัท โออาร์พีซี จำกัด (มหาชน)
ที่ตั้งโครงการ : 299 หมู่ 5 ถนนสุขุมวิท ตำบลเชิงเนิน
อำเภอเมือง จังหวัดระยอง

วันที่ตรวจวัด : 6 กรกฎาคม 2565
พื้นที่ตรวจวัด : โรงงานผลิตน้ำมันหล่อลื่น (Lube Base Oil Plant)
พื้นที่ LBOT(LTU)

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
749	36	14	86.6
750	36	15	88.3
751	36	16	80.5
752	36	17	75.5
753	36	18	74.3
754	36	19	74.2
755	36	20	74.9
756	36	21	74.8
757	37	1	80.1
758	37	2	84.7
759	37	3	83.2
760	37	4	84.8
761	37	5	80.2
762	37	6	95.2
763	37	7	91.6
764	37	8	88.3
765	37	9	87.3
766	37	10	87.8
767	37	11	81.4
768	37	12	91.4
769	37	13	90.1
770	37	14	87.7
771	37	15	84.4
772	37	16	81.3
773	37	17	76.1
774	37	18	74.0
775	37	19	74.6
776	37	20	75.1
777	37	21	74.9
778	38	1	79.4
779	38	2	83.1
780	38	3	83.6
781	38	4	83.8
782	38	5	79.9

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
783	38	6	90.9
784	38	7	91.1
785	38	8	86.4
786	38	9	87.5
787	38	10	85.5
788	38	11	82.3
789	38	12	88.3
790	38	13	89.2
791	38	14	84.2
792	38	15	82.6
793	38	16	78.5
794	38	17	74.6
795	38	18	74.7
796	38	19	75.3
797	38	20	75.6
798	38	21	75.7
799	39	1	79.8
800	39	2	84.2
801	39	3	83.5
802	39	4	81.4
803	39	5	79.5
804	39	6	91.5
805	39	7	88.9
806	39	8	83.5
807	39	9	84.2
808	39	10	85.5
809	39	11	81.6
810	39	12	86.7
811	39	13	86.1
812	39	14	83.3
813	39	15	81.5
814	39	16	75.7
815	39	17	75.5
816	39	18	74.4

IM/1002/2022/JUL/NOISE CONTOUR/INDEX.XLSX



บริษัท เอส.พี.เอส. คอนซัลติ้ง เซอร์วิส จำกัด
S.P.S. CONSULTING SERVICE CO., LTD.
7 ซอยพหลโยธิน 24 ถนนพหลโยธิน แขวงจอมพล เขตจตุจักร กรุงเทพฯ 10900
7 Soi Phaholyothin 24, Phaholyothin Rd., Jompol, Chatuchak, Bangkok 10900
Tel : (662) 939-4370-72, Fax : (662) 513-4221, E-mail : sale@spscon.com., www.spscon.com

13/14

RS0152/07/65

R-SLOW-0031-2/2022

ตารางแสดงข้อมูลผลการตรวจวัดระดับเสียง

ชื่อลูกค้า : บริษัท โออาร์พีซี จำกัด (มหาชน)
ที่ตั้งโครงการ : 299 หมู่ 5 ถนนสุขุมวิท ตำบลเชิงเนิน
อำเภอเมือง จังหวัดระยอง

วันที่ตรวจวัด : 6 กรกฎาคม 2565
พื้นที่ตรวจวัด : โรงงานผลิตน้ำมันหล่อลื่น (Lube Base Oil Plant)
พื้นที่ LBOT(LTU)

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
817	39	19	74.9
818	39	20	75.9
819	39	21	75.6
820	40	1	78.9
821	40	2	84.0
822	40	3	82.6
823	40	4	81.2
824	40	5	79.3
825	40	6	87.5
826	40	7	87.8
827	40	8	-
828	40	9	76.4
829	40	10	84.5
830	40	11	80.3
831	40	12	85.6
832	40	13	85.2
833	40	14	84.4
834	40	15	81.0
835	40	16	80.4
836	40	17	75.7
837	40	18	74.3
838	40	19	75.1
839	40	20	75.1
840	40	21	75.2
841	41	1	83.4
842	41	2	83.2
843	41	3	82.3
844	41	4	80.2
845	41	5	79.2
846	41	6	88.2
847	41	7	88.0
848	41	8	-
849	41	9	78.7
850	41	10	83.3

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
851	41	11	79.3
852	41	12	82.3
853	41	13	83.3
854	41	14	83.3
855	41	15	81.4
856	41	16	77.4
857	41	17	74.7
858	41	18	73.9
859	41	19	73.8
860	41	20	73.8
861	41	21	75.0
862	42	1	81.3
863	42	2	81.7
864	42	3	80.9
865	42	4	78.2
866	42	5	77.7
867	42	6	87.1
868	42	7	84.6
869	42	8	77.4
870	42	9	79.0
871	42	10	81.8
872	42	11	80.1
873	42	12	81.2
874	42	13	-
875	42	14	84.2
876	42	15	78.7
877	42	16	77.0
878	42	17	75.6
879	42	18	75.4
880	42	19	73.7
881	42	20	72.6
882	42	21	72.3
883	43	1	80.6
884	43	2	79.2

IM/1002/2022/JUL/NOISE CONTOUR/INDEX.XLSX



บริษัท เอส.พี.เอส. คอนซัลติ้ง เซอร์วิส จำกัด
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14/14

RS0152/07/65

R-SLOW-0031-2/2022

ตารางแสดงข้อมูลผลการตรวจวัดระดับเสียง

ชื่อลูกค้า : บริษัท โออาร์พีซี จำกัด (มหาชน)

วันที่ตรวจวัด : 6 กรกฎาคม 2565

ที่ตั้งโครงการ : 299 หมู่ 5 ถนนสุขุมวิท ตำบลเชิงเนิน

พื้นที่ตรวจวัด : โรงงานผลิตน้ำมันหล่อลื่น (Lube Base Oil Plant)

อำเภอเมือง จังหวัดระยอง

พื้นที่ LBOT(LTU)

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
885	43	3	80.3
886	43	4	78.2
887	43	5	71.5
888	43	6	77.0
889	43	7	77.4
890	43	8	77.2
891	43	9	77.9
892	43	10	81.4
893	43	11	82.2
894	43	12	80.1
895	43	13	78.3
896	43	14	83.3
897	43	15	78.9
898	43	16	79.1
899	43	17	77.7
900	43	18	73.1
901	43	19	73.9
902	43	20	72.8
903	43	21	72.1
904	44	1	79.3
905	44	2	79.6
906	44	3	79.1
907	44	4	77.8
908	44	5	72.4
909	44	6	78.0
910	44	7	78.9
911	44	8	-
912	44	9	-
913	44	10	80.0
914	44	11	79.5
915	44	12	79.2
916	44	13	79.2
917	44	14	78.4
918	44	15	79.7

Point No.	ค่าพิกัด (Coordinate)		ระดับเสียง (dBA)
	X	Y	
919	44	16	81.8
920	44	17	77.8
921	44	18	76.1
922	44	19	74.0
923	44	20	72.9
924	44	21	72.7

ภาคผนวกที่ 2

เอกสารการสอบเทียบความถูกต้องของเครื่องมือ

ตารางสรุปรายการเอกสารการสอบเทียบความถูกต้องของเครื่องมือตรวจวัดระดับเสียง

รายการตรวจวัด	เครื่องมือเก็บตัวอย่าง
	ชื่อเครื่องมือ
- ระดับเสียง	- Acoustic Calibrator - Sound Level Meter ACO No. R07, R09, R015, R017, R18, R21, R26



THAILAND INSTITUTE OF SCIENTIFIC AND TECHNOLOGICAL RESEARCH (TISTR)

Request No. 21-65/0455

MTC No. EEL. BP. 41/0465

CALIBRATION CERTIFICATE

Submitted by : S.P.S. Consulting Service Co.,Ltd.

Address : 7 Soi Phaholyothin 24, Phaholyothin Road, Jompol, Chatuchak, Bangkok 10900.

Calibrated at : Electrical and Electronic Standards Laboratory, Industrial Metrology and Testing Service Centre,
: Soi 1C, Bangpoo Industrial Estate, Sukhumvit Rd., Muang, Samutprakan 10280.

Instrument Calibrated :

Description : Sound Calibrator

Manufacturer : ACO

Model : 2127

Serial No. : 130006

Ambient Environment

Temperature : (23 ± 3) °C

Relative Humidity : (50 ± 15) %

Ambient Pressure : (101.325 ± 1,500) kPa

Standards used : 1. Digital Function Synthesizer NF Electronic DF-193A S/N 122037.

2. Measuring Amplifier Bruel&Kjaer 2636 S/N 1537484.

3. Programmable Attenuator Tamagawa TPA-303A S/N OF 2214.

4. Digital Multimeter Agilent 34401A S/N MY44005560.

5. Pressure Transmitter Vaisala PTB202AD S/N T0650001.

6. Audio Analyzer Keithley 2015-P S/N 4106495.

7. Condenser Microphone Bruel&Kjaer 4180 S/N 2889871.

Calibration Procedure: CP-102-04 based on IEC 60942-2003. The sound pressure level of instrument was measured by standard microphone using an insert voltage technique.

This instrument has been calibrated against standards maintained at Electrical and Electronic Standards Laboratory (EEL), which are traceable to the International System of Units through the National Institute of Metrology (Thailand).

The information on actual reading is attached herewith and the uncertainty limits quoted refer to the measured values only.

Date of Receipt : 22 Apr. 2022

Date of Calibration : 28 Apr. 2022

The results relate only to the items tested/calibrated or value assigned.
Advertising the Report/Certificate and publicity of the results except in full are prohibited unless written permission is obtained from the governor of TISTR.

FM.BLMTC.002 Rev.4

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Office/Laboratory
Soi 1C, Bangpoo Industrial Estate, Sukhumvit Road,
Amphoe Muang, Changwat Samutprakan 10280, Thailand
Tel. (66) 0 2323 1672-80 ext. 115, 116
Fax. (66) 0 2323 9165
E-mail : mtc@tistr.or.th

Office
196 Phahonyothin Road, Chatuchak, Bangkok 10900,
Thailand
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THAILAND INSTITUTE OF SCIENTIFIC AND TECHNOLOGICAL RESEARCH (TISTR)

Request No. 21-65/0455

MTC No. EEL. BP. 41/0465

The reported expanded uncertainty is based upon a standard uncertainty multiplied by a coverage factor $k = 2$, providing a level of confidence of approximately 95%.

Nominal Output of Unit Under Test = 94 dB re 20 μ Pa at 1000 Hz

Acoustic Output in dB re 20 μ Pa, Corrected to Reference Conditions: 101.325 kPa, 23.0 °C and 50 %RH.

1. Sound Pressure Level

Standard Microphone Type	Measured Sound Pressure Level (dB)	Deviated value (dB)	Uncertainty (dB)	Tolerance limit IEC60942:2003 Class 1
1/2 inch Bruel&Kjaer 4180	93.93	-0.07	± 0.10	± 0.40 dB

2. Frequency

Standard Microphone Type	Measured Frequency (Hz)	Deviated value (Hz)	Uncertainty (Hz)	Tolerance limit IEC60942:2003 Class 1
1/2 inch Bruel&Kjaer 4180	999.9	-0.1	± 1.5	$\pm 1.0\%$

3. Total Distortion

Standard Microphone Type	Measured Total Distortion (%)	Uncertainty (%)	Tolerance limit IEC60942:2003 Class 1
1/2 inch Bruel&Kjaer 4180	1.44	± 0.50	$\pm 3.0\%$

- Note : 1. No adjustment.
2. The calibrator pressure correction was not included.
3. The microphone volume correction was not included.

The results relate only to the items tested/calibrated or value assigned.

Advertising the Report/Certificate and publicity of the results except in full are prohibited unless written permission is obtained from the governor of TISTR.

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Fax. (66) 0 2323 9165
E-mail : mte@tistr.or.th

Office
196 Phahonyothin Road, Chatuchak, Bangkok 10900,
Thailand
Tel. (66) 0 2579 1121-30 ext. 5219, 5225, 5217
Fax. (66) 0 2579 8592
E-mail : sumalee@tistr.or.th

FM.BL.MTC.002 Rev.4



บริษัท เอส.พี.เอส. คอนซัลติ้ง เซอร์วิส จำกัด
S.P.S. CONSULTING SERVICE CO., LTD.
7 ซอยพหลโยธิน 24 เขตพหลโยธิน กรุงเทพมหานคร 10900
7 Soi Phahonyothin 24, Phahonyothin Rd., Bangkok, Chatuchak, Bangkok 10900
Tel : (662) 979-4700-72 Fax : (662) 513-4211 E-mail : sales@spscs.com www.spscs.com

Noise R_403/22

Sound Level Meter Calibration Report

Acoustic Calibrator Data						
Brand	ACO			Number	AC 03/56	
Model	2127			Serial No.	130006	
Calibration Range	94 dB, 1000 Hz			Last Calibration	28 April 2022	
				Due Date	28 April 2023	
Calibration Data						
Sound Level Meter Data				Calibration Data		
SLM No.	Brand	Model	Serial No.	Date	Actual Reading [dB]	
					Before Adjustment	After Adjustment
ACO-R07	ACO	6236	00152080	05 July 2022	94.0	94.0
ACO-R09	ACO	6236	00172035	05 July 2022	94.0	94.0
ACO-R15	ACO	6236	00172082	05 July 2022	94.1	94.0
ACO-R17	ACO	6236	00172064	05 July 2022	94.0	94.0
ACO-R18	ACO	6236	00172085	05 July 2022	94.1	94.0
ACO-R21	ACO	6236	00182004	05 July 2022	94.0	94.0
ACO-R26	ACO	6236	00192036	05 July 2022	94.0	94.0
Acoustic Certified Value : Thailand Institute of Scientific and Technological Research (TISTR)					93.93 ± 0.10 dB	

เอกสารแนบที่ 15

เอกสารโครงการปลูกป่าเป็นแนวกันชนโดยรอบเขตประกอบการ



สรุปผลการจัดทำ Protection Strip



Zone 1,2,3

Protection Strip = 122 ไร่
พื้นที่สีเขียว = 44 ไร่
รวมเป็นพื้นที่ = 166 ไร่

Zone 4

Protection Strip = 439 ไร่
พื้นที่สีเขียว = 102 ไร่
รวมเป็นพื้นที่ = 541 ไร่

Grand total

พื้นที่ปลูก	พื้นที่ (ไร่)
Zone 1,2,3	166
Zone 4	541
Total	707

EHIA เขตประกอบการฯ 5,695 ไร่ ต้องจัดให้มีพื้นที่สีเขียว และแนวกันชน ไม่น้อยกว่า 692.42 ไร่ หรือ 12.16%

Zone 4 Protection Strip

ปีที่ปลูก	ระยะทาง (กม.)	พื้นที่ (ไร่)	จำนวนต้นไม้
2547-50	3.30	103	30,000
2555	5.00	155	167,680
2557	1.19	37	30,240
2558	2.29	39	34,680
2559	4.32	87	115,520
2560	0.84	18	5,242
รวม	16.94	439	383,362



แนว Protection Strip ด้านทิศตะวันออก





แนว Protection Strip ด้านทิศตะวันตก



3



แนว Protection Strip ด้านทิศเหนือ



Aim High • Deliver • Work and Live Happily Together

4



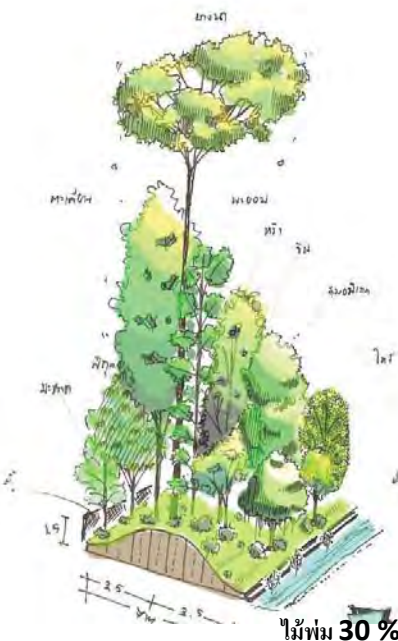
แนว Protection Strip ด้านทิศใต้



Aim High • Deliver • Work and Live Happily Together



ชนิดและสัดส่วนพันธุ์ไม้ protection strip



เรือนยอดสูง 30 %

- 1 ขางนา
- 2 หว้า
- 3 สมอพิเภก
- 4 สกุณี
- 5 มะค่าโมง
- 6 มะค่าแต้
- 7 พิลังกาสา
- 8 จำปอูร์
- 9 ตะเคียนทอง
- 10 ชันพุ่ม
- 11 ลำไย
- 12 เลือดควาย



ยอดกลาง 40 %

- 1 มะหาด
- 2 นนทรี
- 3 พิกุล
- 4 มะหาด
- 5 ชีเหล็กบ้าน
- 6 เพกา
- 7 ปับ
- 8 มะขามป้อม
- 9 ชนุนนก
- 10 กระถินเทพา
- 11 พะยอม
- 12 สะเม้ง
- 13 ประดู่กิ่งอ่อน



ไม้พุ่ม 30 %

- 1 พุด
- 2 ไทร
- 3 ลั่นกระเปาะ
- 4 ลำควน
- 5 ชันทองพยับ
- 6 ทองหลาง

พันธุ์ไม้สามชั้นเรือนยอด
กรมโรงงานอุตสาหกรรม



Protection Strip Miyawaki Model

IRPC

Thank You

17 กิโลเมตร 700 ไร่ 380,000 ต้น



Existing Condition

IRPC

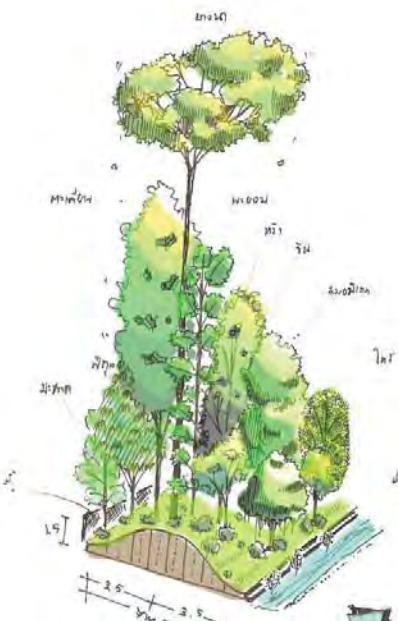
เรือนยอดสูง 30

- 1 ยางนา
- 2 หว้า
- 3 สมอพิเภก
- 4 สกุณี
- 5 มะค่าโมง
- 6 มะค่าแต้
- 7 พิลังกาสา
- 8 จำปอจันทร์
- 9 ตะเคียนทอง
- 10 ชันพุ
- 11 ลำโพง
- 12 เลือดควาย



ยอดกลาง 40

- 1 มะหาด
- 2 พนมไพร
- 3 พิกุล
- 4 มะหาด
- 5 สีเหล็กบ้าน
- 6 เพกา
- 7 ปับ
- 8 มะขามป้อม
- 9 ชนุนนาก
- 10 กระถินเทพา
- 11 พะยอม
- 12 ชะมวง
- 13 ประดู่กิ่งอ่อน



- 1 พุด
- 2 ไทร
- 3 ลั่นกระป๋อง
- 4 ลำดวน
- 5 ชันทองพยับบาท
- 6 ทองหลาง

ไม้พุ่ม 30 %

Aim High

Wo



Protection Strip



เปิดตัวโครงการ มิถุนายน 2554

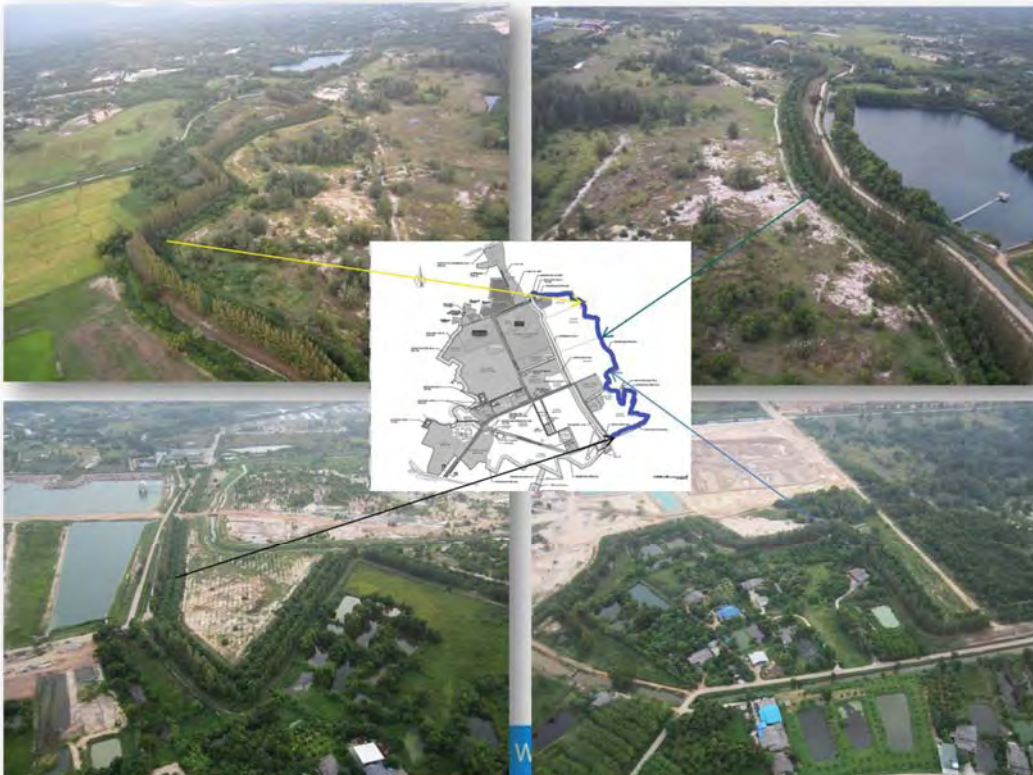


Aim High • Deliver • Work and Live Happily Together

9



Protection Strip



ภาพรวม **Protection Strip** บริษัท ไออาร์พีซี จำกัด (มหาชน)



มีแนวต้นสนโตแล้วอายุ 7- 10 ปี





ภาพขั้นตอนการดำเนินการ **Protection Strip** ตั้งแต่ในปี 2554

PointAsia.com

Lat: 12.67118 Lon: 101.32577



ปลูกต้นไม้เสร็จแล้ว ระยะทาง 2.89 กม.



IRPC





Aim Hig



Aim





แนวความคิดการปลูกป่าไม้ธรรมชาติ (Eco Forest)

" การปลูกป่าโดยใช้พันธุ์ไม้ท้องถิ่น "
ของ ศ.ดร.อาศิระ มียาวากิ



โดยดำนบ้านโพธิ์ใช้พันธุ์ไม้ดั้งเดิม
(Native Species) กว่า 32 Species

High • Deliver

Key Success Factor

1. สร้างเนินดินปลูกป่า (Mound) ขุดลอกดินเดิมออก 50 ซม. แล้วนำไปผสมหน้าดิน ปุ๋ยและวัสดุบำรุงดิน ตามสัดส่วนที่เหมาะสมเพียงพอสำหรับการเจริญเติบโต 3 ปี แล้วนำกลับมาทำเป็นเนินสูง 1.60 เมตร ช่วยระบายน้ำและอากาศ

ทำไมต้องปลูกพันธุ์ไม้ท้องถิ่น? :

คุณค่าทางระบบนิเวศ

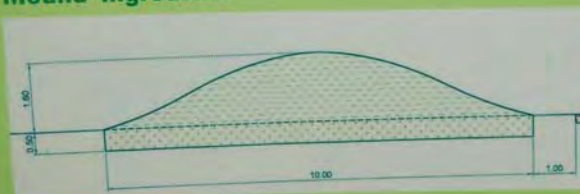
- เก็บความชื้น • ฟอกอากาศ • เหมาะสมกับสภาพแวดล้อม (ความสมดุลของธรรมชาติ)

การสร้างเนินดิน (Mound) เพื่อเป็นการเพิ่มพื้นที่ผิวดินระบายน้ำ และระบายอากาศ

Mound Ingredient

25% Fertilizer / 75% Top Soil

25% Fertilizer Ingredient



วิธีการปลูกต้นไม้

2 พันธุ์ไม้ดั้งเดิมหลัก
ของป่าบิเวศ

2. ปลุกต้นไม้ดั้งเดิมกว่า 34 สายพันธุ์ บนเนินดิน 108 เนิน เมื่อสิงหาคม 2551



3. เพาะกล้าไม้จากเมล็ด มีระบบรากแข็งแรง

4. ปลุกแบบสุม หนาแน่น ไม่เป็นแนว ให้แย่งกันหาแสงแดด ทำให้ต้นสูงไว



ภายใน 1 ปี ต้นไม้รอด 88 % สูงเฉลี่ย 157.6 ซม.
สิงหาคม 2553 (2 ปี) ต้นไม้รอด 86 % สูงเฉลี่ย 224.4 ซม.
อัตราการเจริญเติบโต 10 เท่าของป่าธรรมชาติ



เปรียบเทียบความแตกต่างของการเจริญเติบโตของต้นไม้
ระหว่างการปลูกตามทฤษฎีของ ศ.ดร.อาคิระ ซึ่งเจริญเติบโตได้ดีกว่าวิธีการปลูกทั่วไป



ปลูกป่าแบบธรรมชาติที่ **Yokohama Tire** ปลูกมาแล้ว 1 ปี



ปลูกป่าแบบธรรมชาติที่ **Yokohama Tire** ปลูกมาแล้ว 2 ปี



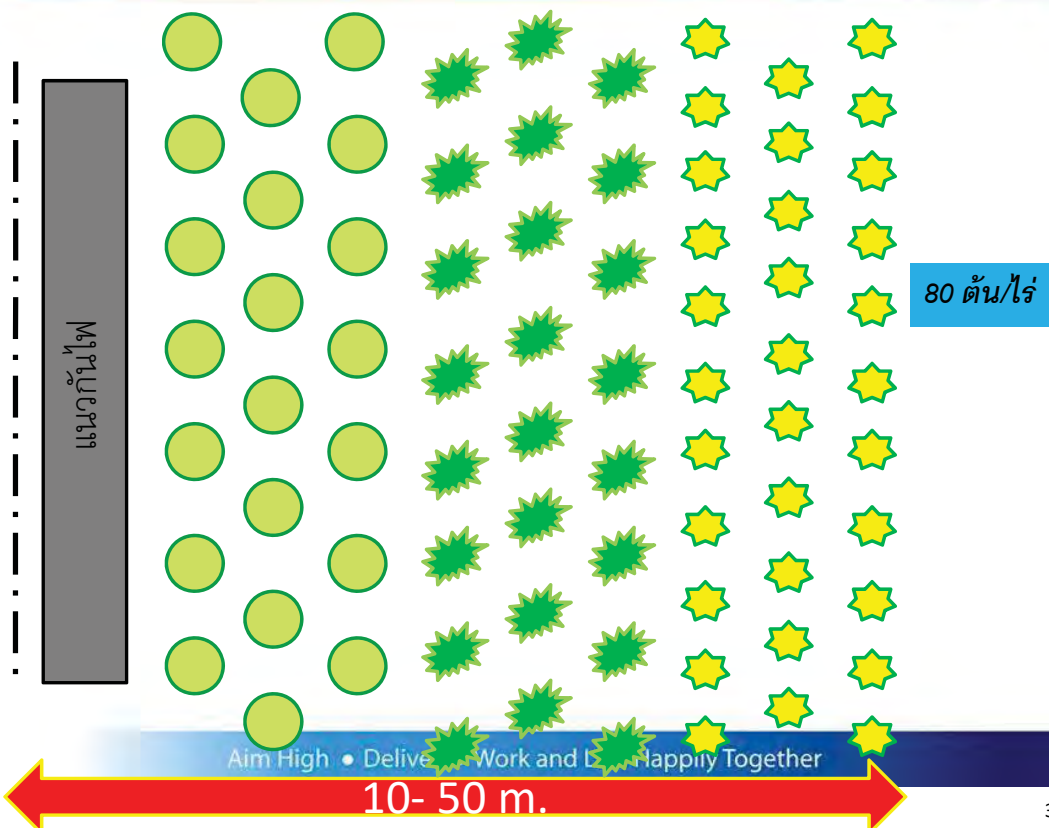


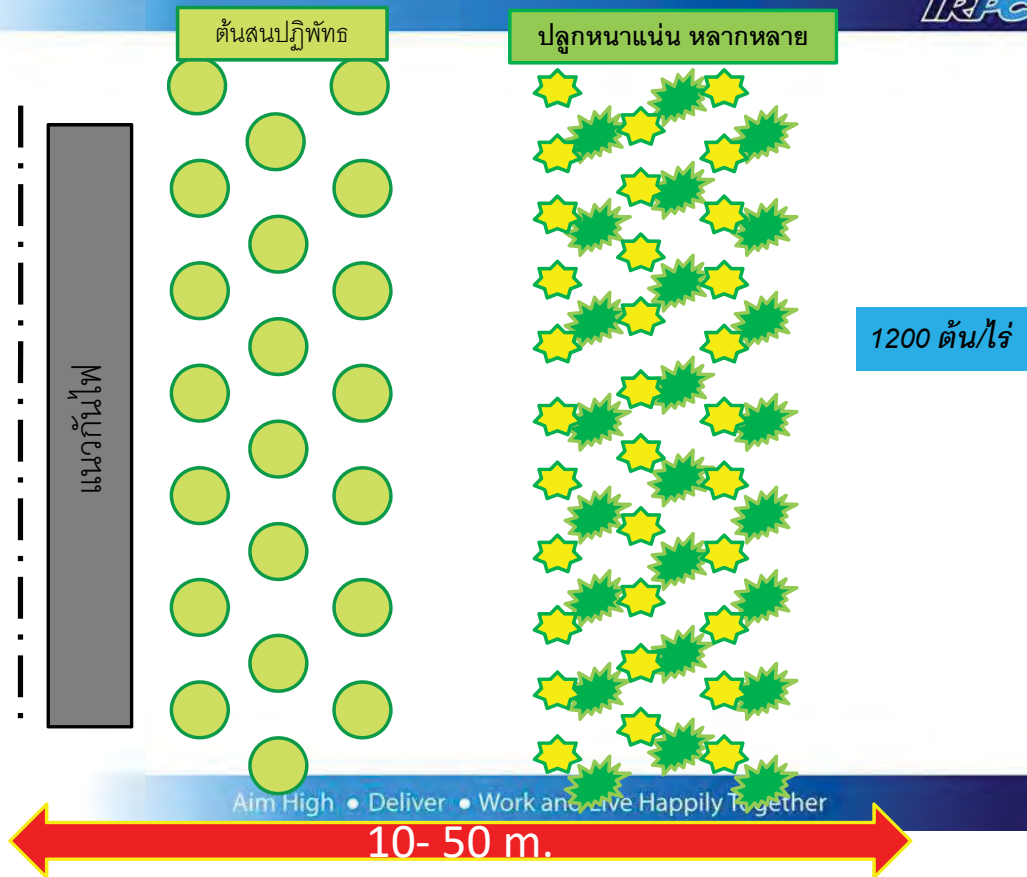
ต้นสนปฏิพัทธ์

กระถินเทพา/นนทรี

ทรงบาดาล/ไม้พุ่ม

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