

	PIPING INSPECTION SUMMARY REPORT		Report/ Project	Sheet
			2112012	S 1/1
STT-CC-003-01-01 (TRL 003 Diesel Tank Receiving Line (Jetty to Tank No.6,8))				

Date of inspections: 23 December 2021

Piping data					
Line ID :	TRL 003 Diesel Tank Receiving Line	Line Description :	Jetty to Tank No.6,8		
Product :	G-Base 95	Diameter/Schedule :	6 inch, Sch. STD.	T nom :	7.11 mm.
Material :	API 5L GR.B	Insulation :	N/A		

Design and calculations						
Design Pressure P :	285 psi	<div><div>← (Max. Operating Pressure)</div><div>$T_{min} = \frac{PD}{2(SE+PY)}$</div></div>	Tmin (pressure) :	0.84 mm.		
Diameter D :	6 inch.		Tmat (Table 6 API574) :	3.3 mm.	T struc :	2.8 mm.
Stress S (Table A1) :	20.0 ksi		T minimum measured :	5.26 mm.		
Q factor E (Table A1A or a1B) :	1		Service life (from last reading) :	1992 / 24 years		
Coefficient Y: (Table 304.1.1) :	0.4		Corrosion Rate :	0.054 mm./year		
The estimated remaining life for this line is: 71.72 years						



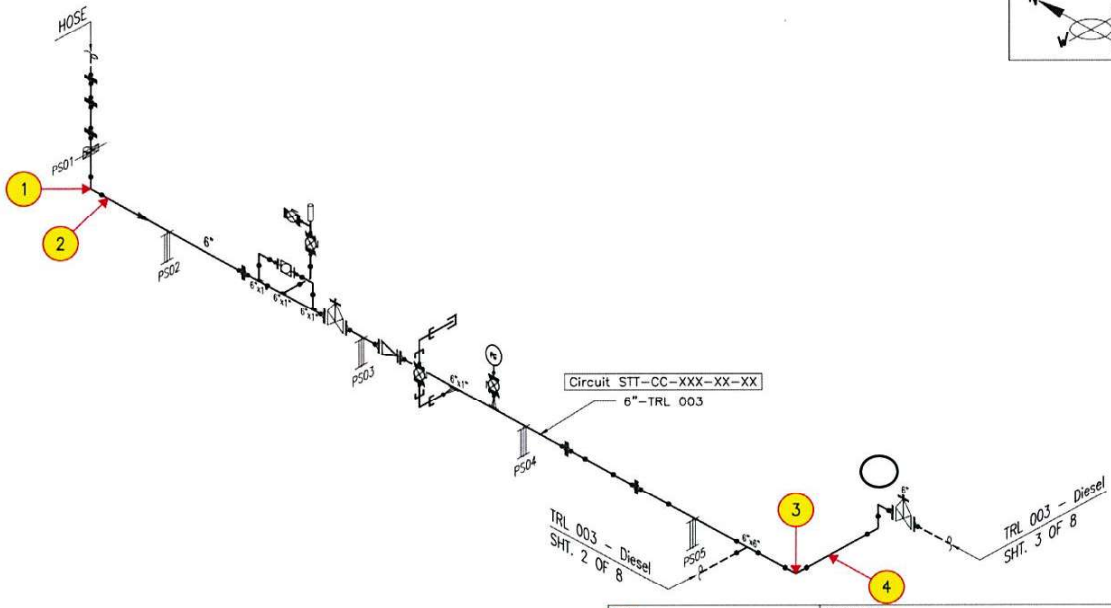
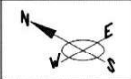



UT settings					
Procedure :	P-INT12 rev. 01	Material Temperature :	Ambient		
Equipment type, s/N :	Olympus 38DL plus ,S/N.130686407	Probe type, s/N :	D790-SM 5 MHz.		
Cal block, s/N :	SN 0471	Calibration step :	Low	6 mm.	High 10 mm.

LRUT summary					
Approximate length :	-	Nr. of tool locations :	-		
Equipment type, s/N :	-	Probe collar, nr of channels :	-		
Nr of LRUT indications :	-	Category 1 :	-	Category 2 :	N/A
				Category 3 :	N/A

Pipe inspection summary
<p>Visual Inspection (VT)</p> <p>1. Sealing sleeve underground pipe was found degradation, damage and corrosion under sleeve underground pipe. Approximate corrosion depth 1.5 mm. (as mark)</p> <p>2. Sealing sleeve underground pipe was found degradation, damage and corrosion under sleeve underground pipe. Approximate corrosion depth 1 mm. (as mark)</p> <p>Ultrasonic Thickness Measurement (UTM)</p> <p>- UTM : The actual minimum thickness found as 5.26 mm.</p> <p>- Maximum Corrosion rate: 0.054 mm/yr</p> <p>-Minimum Remaining Life: 71.72 yrs</p>

Recommendations
<p>Visual Inspection (VT)</p> <p>- Carry out alternative NDE (CUS) to determine condition within 2 months., Then re-painting as per original design to prevention future corrosion.</p> <p>Ultrasonic Thickness Measurement (UTM)</p> <p>- Thickness monitoring should be performed at next 10 yrs interval.</p>

API inspector	LRUT Technician	UT Technician	Chevron
Name	Name	Name	Name
Date:	Date:	Date:	Date:
Sign:	Sign:	Sign:	Sign:

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PIPING VISUAL INSPECTION LOG



Report/ Project

2112012

Sheet

VT 2/8

STT-CC-003-01-01 (TRL 003 Diesel Tank Receiving Line (Jetty to Tank No.6,8))

Degradation	N/A	Normal	Minor	Moderate	Severe	Remark
x.x-x.x mm						
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<input checked="" type="checkbox"/> CUS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/> Paint	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/> Insulation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/> Supports	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/> Vibration	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/> Misalignment	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/> Mech. Damage	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/> Leak	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/> Other	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Severity to be determined as follows:

Minor:

Moderate

Severe

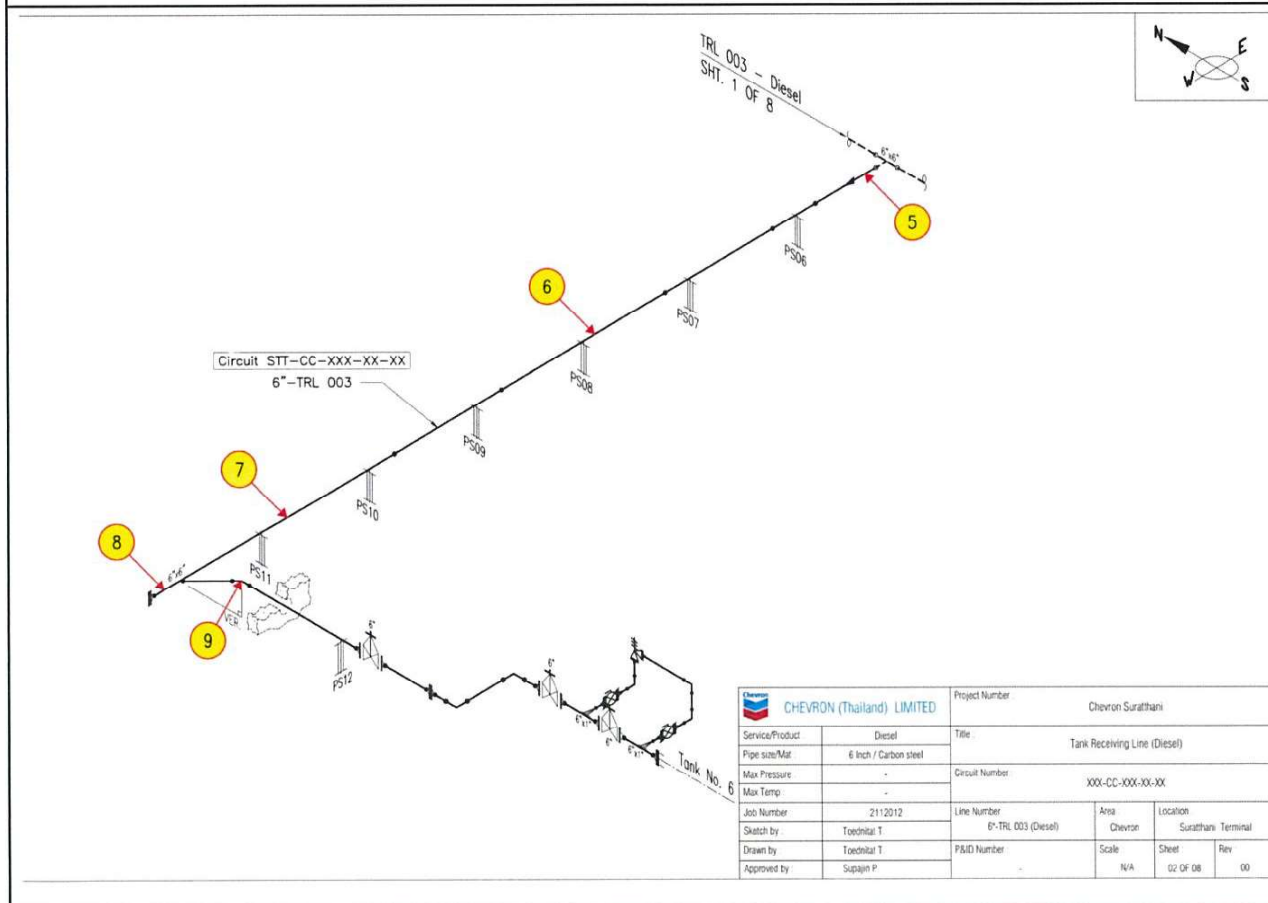
For findings that don't require action



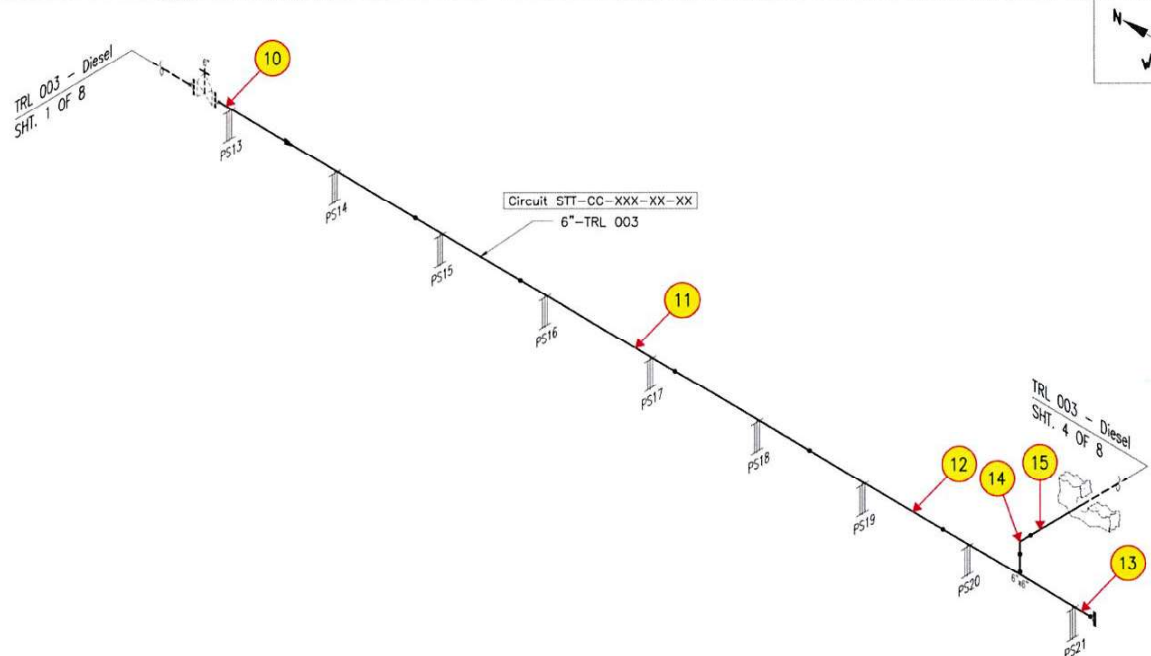

For findings that require action (specify time)

For findings that require immediate action

Highlighted in yellow in ISO

Highlighted in Orange in ISO



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Max Temp: -						Area: Chevron		Location: Surathani Terminal										
Job Number: 2112012						Scale: N/A		Sheet: 03 OF 08										
Sketch by: Toochit T						Rev: 00												
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PIPING VISUAL INSPECTION LOG



Report/ Project
2112012

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STT-CC-003-01-01 (TRL 003 Diesel Tank Receiving Line (Jetty to Tank No.6,8))

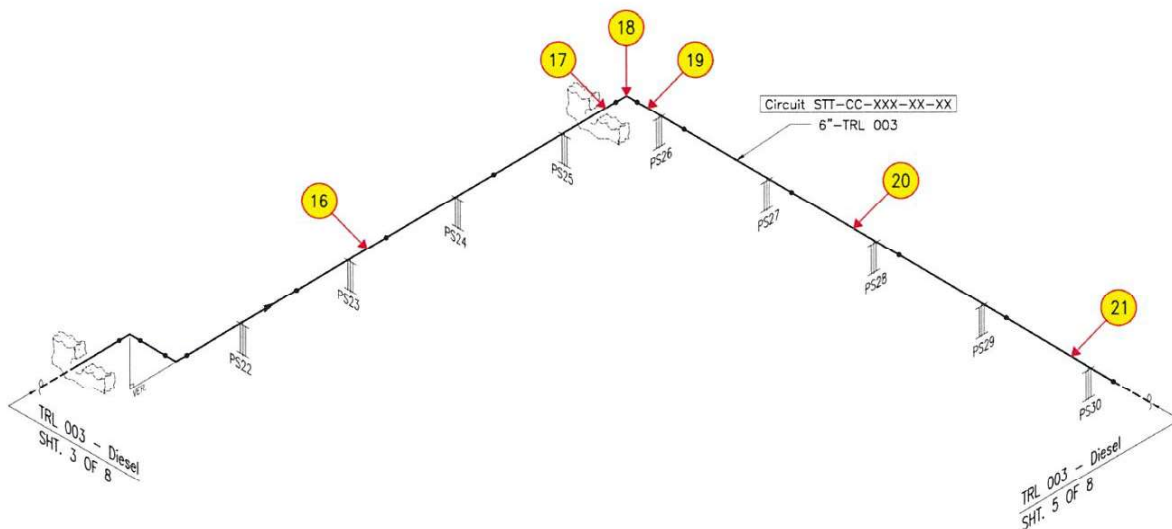
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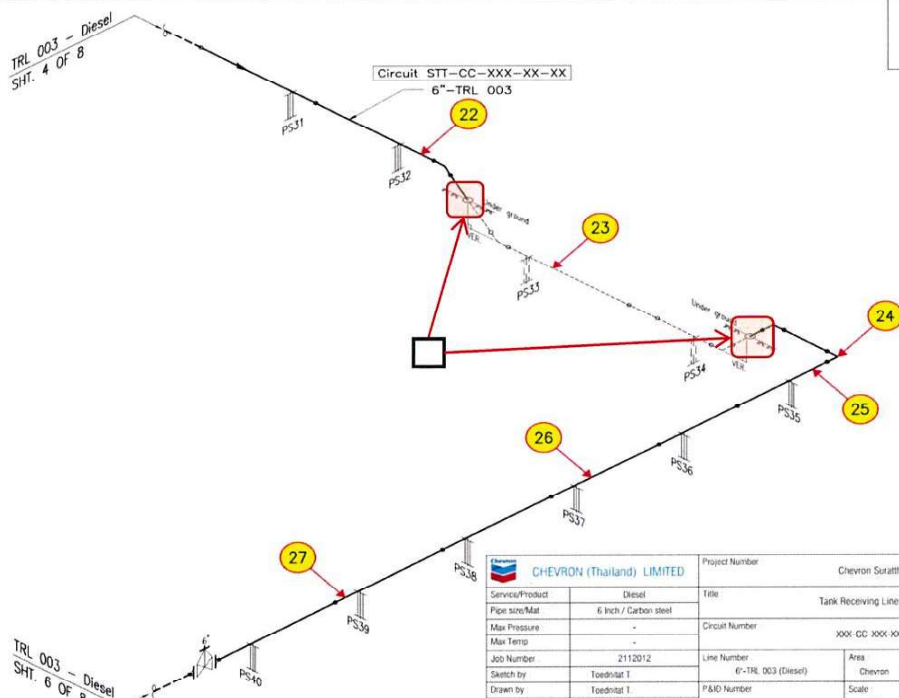
Minor:
Moderate
Severe

For findings that don't require action
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CHEVRON (Thailand) LIMITED		Project Number		Chevron Suratthani	
Service/Product	Diesel	Title		Tank Receiving Line (Diesel)	
Pipe size/Mat	6 Inch / Carbon steel	Circuit Number		XXX-CC-XXX-XXX-XX	
Max Pressure	-	Line Number		Area	Location
Max Temp	-	6\"-TRL 003 (Diesel)		Chevron	Suratthani Terminal
Job Number	2112012	P&ID Number		Scale	Sheet
Sketch by	Toednit T	-		N/A	04 OF 08
Drawn by	Toednit T				Rev
Approved by	Supain P				00

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Sketch by		Toednart I.		Area																																																																																																					
Drawn by		Toednart I.		Chevron																																																																																																					
Approved by		Suparin P.		Location																																																																																																					
				Suratthani Terminal																																																																																																					
				Scale																																																																																																					
				N/A																																																																																																					
				Sheet																																																																																																					
				05 OF 08																																																																																																					
				Rev																																																																																																					
				00																																																																																																					



PIPING VISUAL INSPECTION LOG



Report/ Project

2112012

Sheet

VT 6/8

STT-CC-003-01-01 (TRL 003 Diesel Tank Receiving Line (Jetty to Tank No.6,8))

Degradation	N/A	Normal	Minor	Moderate	Severe	Remark
<input type="checkbox"/> Corrosion	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/> CUS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/> Paint	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/> Insulation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/> Supports	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/> Vibration	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/> Misalignment	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/> Mech. Damage	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/> Leak	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input checked="" type="checkbox"/> Other	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Severity to be determined as follows:

Minor:

Moderate

Severe

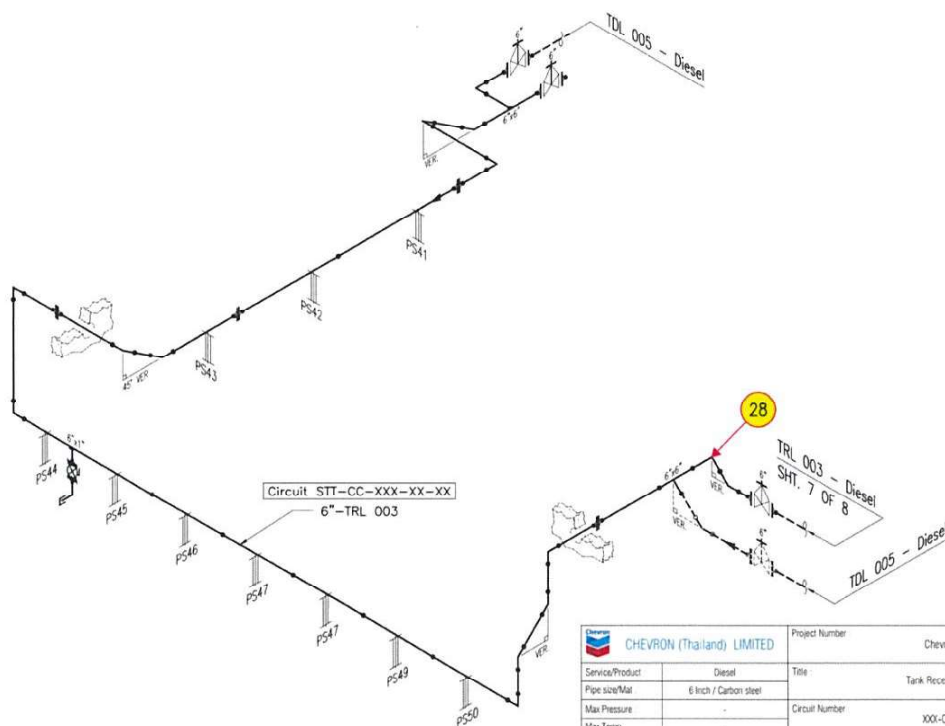
For findings that don't require action

For findings that require action (specify time)



For findings that require immediate action

Highlighted in yellow in ISO

Highlighted in Orange in ISO

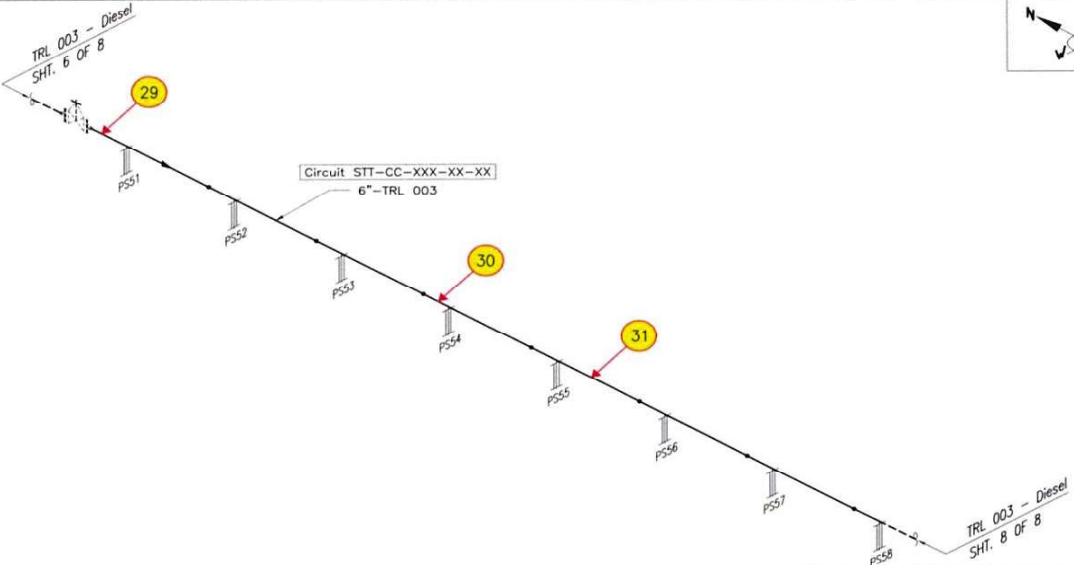



	CHEVRON (Thailand) LIMITED	Project Number	Chevron Surathani		
Service/Product	Diesel	Title	Tank Receiving Line (Diesel)		
Pipe size/Mat	6 inch / Carbon steel	Circuit Number	XXX-CC-XXX-XX-XX		
Max Pressure	-	Line Number	6"-TRL 003 (Diesel)	Area	Location
Max Temp	-	Scale	Chevron	Sheet	Surathani Terminal
Job Number	2112012	PK&D Number	-	Rev	00
Sketch by	Toedritat T.				
Drawn by	Toedritat T.				
Approved by	Supajin P.				




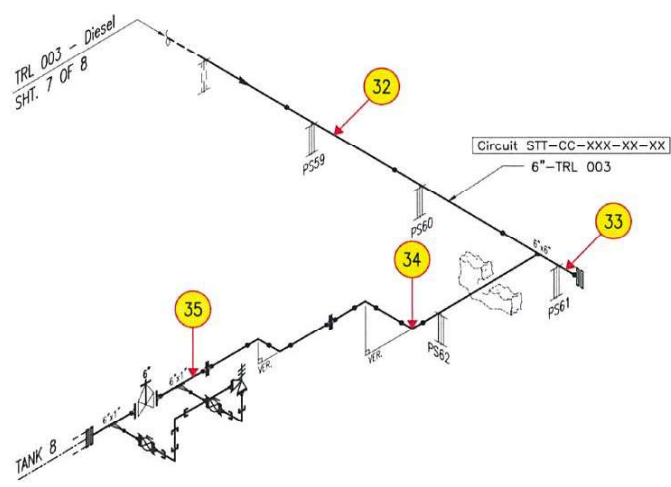



		PIPING VISUAL INSPECTION LOG							Report/ Project	Sheet
									2112012	VT 7/8
STT-CC-003-01-01 (TRL 003 Diesel Tank Receiving Line (Jetty to Tank No.6,8))										
Degradation	N/A	Normal	Minor	Moderate	Severe	Remark				
x.x-x.x mm <input type="checkbox"/> Corrosion	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
<input checked="" type="checkbox"/> CUS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
<input type="checkbox"/> Paint	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
<input checked="" type="checkbox"/> Insulation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
<input type="checkbox"/> Supports	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
<input checked="" type="checkbox"/> Vibration	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
<input type="checkbox"/> Misalignment	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
<input checked="" type="checkbox"/> Mech. Damage	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
<input checked="" type="checkbox"/> Leak	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					
<input checked="" type="checkbox"/> Other	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>					

Severity to be determined as follows:

Minor:	For findings that don't require action	Highlighted in yellow in ISO
Moderate	For findings that require action (specify time)	
Severe	For findings that require immediate action	



 CHEVRON (Thailand) LIMITED				Project Number: Chevron Surathani			
Service/Product: Diesel				Title: Tank Receiving Line (Diesel)			
Pipe size/Mat: 6 inch / Carbon steel				Circuit Number: XXX-CC-XXX-XX-XX			
Max Pressure: -				Line Number: 6"-TRL 003 (Diesel)			
Max Temp: -				Area: Chevron			
Job Number: 2112012				Location: Surathani Terminal			
Sketch by: Toedvital T.				Scale: N/A			
Drawn by: Toedvital T.				Sheet: 07 OF 08			
Approved by: Supajin P.				Rev: 00			

		PIPING VISUAL INSPECTION LOG							Report/ Project	Sheet																																																																							
							2112012		VT 8/8																																																																								
STT-CC-003-01-01 (TRL 003 Diesel Tank Receiving Line (Jetty to Tank No.6,8))																																																																																	
Degradation	N/A	Normal	Minor	Moderate	Severe	Remark																																																																											
x.x-x.x mm																																																																																	
<input type="checkbox"/> Corrosion	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																																																												
<input checked="" type="checkbox"/> CUS	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																																																												
<input type="checkbox"/> Paint	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																																																												
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<input checked="" type="checkbox"/> Leak	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																																																												
<input checked="" type="checkbox"/> Other	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																																																																												
Severity to be determined as follows: <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div> Minor: Moderate Severe </div> <div> For findings that don't require action For findings that require action (specify time) For findings that require immediate action </div> <div> Highlighted in yellow in ISO Highlighted in Orange in ISO </div> </div>																																																																																	
<div style="text-align: right; margin-bottom: 20px;">  </div> <div style="text-align: center;">  </div> <table border="1" style="width: 100%; margin-top: 20px;"> <tr> <td colspan="4">  CHEVRON (Thailand) LIMITED </td> <td colspan="4">Project Number: Chevron Surathani</td> </tr> <tr> <td colspan="4">Service/Product: Diesel</td> <td colspan="4">Title: Tank Receiving Line (Diesel)</td> </tr> <tr> <td colspan="4">Pipe size/Mat: 6 inch / Carbon steel</td> <td colspan="4">Circuit Number: XXX-CC-XXX-XX-XX</td> </tr> <tr> <td colspan="4">Max Pressure: -</td> <td colspan="4">Line Number: 6"-TRL 003 (Diesel)</td> </tr> <tr> <td colspan="4">Max Temp: -</td> <td colspan="2">Area: Chevron</td> <td colspan="2">Location: Surathani Terminal</td> </tr> <tr> <td colspan="4">Job Number: 2112012</td> <td colspan="2">Scale: N/A</td> <td colspan="2">Sheet: 08 OF 08</td> </tr> <tr> <td colspan="4">Sketch by: Toedritat T.</td> <td colspan="2">Rev: 00</td> <td colspan="2"></td> </tr> <tr> <td colspan="4">Drawn by: Toedritat T.</td> <td colspan="2"></td> <td colspan="2"></td> </tr> <tr> <td colspan="4">Approved by: Supajin P.</td> <td colspan="2"></td> <td colspan="2"></td> </tr> </table>										 CHEVRON (Thailand) LIMITED				Project Number: Chevron Surathani				Service/Product: Diesel				Title: Tank Receiving Line (Diesel)				Pipe size/Mat: 6 inch / Carbon steel				Circuit Number: XXX-CC-XXX-XX-XX				Max Pressure: -				Line Number: 6"-TRL 003 (Diesel)				Max Temp: -				Area: Chevron		Location: Surathani Terminal		Job Number: 2112012				Scale: N/A		Sheet: 08 OF 08		Sketch by: Toedritat T.				Rev: 00				Drawn by: Toedritat T.								Approved by: Supajin P.							
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Sketch by: Toedritat T.				Rev: 00																																																																													
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Approved by: Supajin P.																																																																																	



PIPING INSPECTION PICTURE LOG



Report/ Project

2112012

Sheet

PL 1/7

STT-CC-003-01-01 (TRL 003 Diesel Tank Receiving Line (Jetty to Tank No.6,8))



Name of part / Location

Findings

TRL 003 Diesel Tank Receiving
Line (Jetty to Tank No.6,8)

Still in normal condition

Name of part / Location

Findings

TRL 003 Diesel Tank Receiving
Line (Jetty to Tank No.6,8)

Still in normal condition



Name of part / Location

Findings

TRL 003 Diesel Tank Receiving
Line (Jetty to Tank No.6,8)

Still in normal condition

Name of part / Location

Findings

TRL 003 Diesel Tank Receiving
Line (Jetty to Tank No.6,8)

Still in normal condition



Name of part / Location

Findings

TRL 003 Diesel Tank Receiving
Line (Jetty to Tank No.6,8)

Still in normal condition

Name of part / Location

Findings

TRL 003 Diesel Tank Receiving
Line (Jetty to Tank No.6,8)

Still in normal condition

STT-CC-003-01-01 (TRL 003 Diesel Tank Receiving Line (Jetty to Tank No.6,8))



Name of part / Location

Findings

TRL 003 Diesel Tank Receiving
Line (Jetty to Tank No.6,8)

Still in normal condition

Name of part / Location

Findings

TRL 003 Diesel Tank Receiving
Line (Jetty to Tank No.6,8)

Still in normal condition



Name of part / Location

Findings

TRL 003 Diesel Tank Receiving
Line (Jetty to Tank No.6,8)

Still in normal condition

Name of part / Location

Findings

TRL 003 Diesel Tank Receiving
Line (Jetty to Tank No.6,8)

Still in normal condition



Name of part / Location

Findings

TRL 003 Diesel Tank Receiving
Line (Jetty to Tank No.6,8)

Still in normal condition

Name of part / Location

Findings

TRL 003 Diesel Tank Receiving
Line (Jetty to Tank No.6,8)

Still in normal condition



PIPING INSPECTION PICTURE LOG



Report/ Project

2112012

Sheet

PL 3/7

STT-CC-003-01-01 (TRL 003 Diesel Tank Receiving Line (Jetty to Tank No.6,8))



Name of part / Location

Findings

TRL 003 Diesel Tank Receiving
Line (Jetty to Tank No.6,8)

Still in normal condition

Name of part / Location

Findings

TRL 003 Diesel Tank Receiving
Line (Jetty to Tank No.6,8)

Still in normal condition



Name of part / Location

Findings

TRL 003 Diesel Tank Receiving
Line (Jetty to Tank No.6,8)

Still in normal condition

Name of part / Location

Findings

TRL 003 Diesel Tank Receiving
Line (Jetty to Tank No.6,8)

Still in normal condition



Name of part / Location

Findings

TRL 003 Diesel Tank Receiving
Line (Jetty to Tank No.6,8)




Still in normal condition








Name of part / Location

Findings

TRL 003 Diesel Tank Receiving
Line (Jetty to Tank No.6,8)



Still in normal condition



PIPING INSPECTION PICTURE LOG			Report/ Project	Sheet
			2112012	PL 4/7
STT-CC-003-01-01 (TRL 003 Diesel Tank Receiving Line (Jetty to Tank No.6,8))				
				
Name of part / Location	Findings	Name of part / Location	Findings	
TRL 003 Diesel Tank Receiving Line (Jetty to Tank No.6,8)	Still in normal condition	TRL 003 Diesel Tank Receiving Line (Jetty to Tank No.6,8)	Still in normal condition	
				
Name of part / Location	Findings	Name of part / Location	Findings	
TRL 003 Diesel Tank Receiving Line (Jetty to Tank No.6,8)	Still in normal condition	TRL 003 Diesel Tank Receiving Line (Jetty to Tank No.6,8)	Still in normal condition	
				
Name of part / Location	Findings	Name of part / Location	Findings	
TRL 003 Diesel Tank Receiving Line (Jetty to Tank No.6,8)	Still in normal condition	TRL 003 Diesel Tank Receiving Line (Jetty to Tank No.6,8)	Still in normal condition	



PIPING INSPECTION PICTURE LOG			Report/ Project	Sheet
			2112012	PL 5/7
STT-CC-003-01-01 (TRL 003 Diesel Tank Receiving Line (Jetty to Tank No.6,8))				
				
Name of part / Location	Findings	Name of part / Location	Findings	
TRL 003 Diesel Tank Receiving Line (Jetty to Tank No.6,8)	Sealing sleeve underground pipe was found degradation, damage and corrosion under sleeve underground pipe.	TRL 003 Diesel Tank Receiving Line (Jetty to Tank No.6,8)	Sealing sleeve underground pipe was found degradation, damage and corrosion under sleeve underground pipe.	
				
Name of part / Location	Findings	Name of part / Location	Findings	
TRL 003 Diesel Tank Receiving Line (Jetty to Tank No.6,8)	Sealing sleeve underground pipe was found degradation, damage and corrosion under sleeve underground pipe.	TRL 003 Diesel Tank Receiving Line (Jetty to Tank No.6,8)	Sealing sleeve underground pipe was found degradation, damage and corrosion under sleeve underground pipe.	
				
Name of part / Location	Findings	Name of part / Location	Findings	
TRL 003 Diesel Tank Receiving Line (Jetty to Tank No.6,8)	Still in normal condition	TRL 003 Diesel Tank Receiving Line (Jetty to Tank No.6,8)	Still in normal condition	



PIPING INSPECTION PICTURE LOG			Report/ Project 2112012	Sheet PL 6/7
STT-CC-003-01-01 (TRL 003 Diesel Tank Receiving Line (Jetty to Tank No.6,8))				
				
Name of part / Location	Findings	Name of part / Location	Findings	
TRL 003 Diesel Tank Receiving Line (Jetty to Tank No.6,8)	Still in normal condition	TRL 003 Diesel Tank Receiving Line (Jetty to Tank No.6,8)	Still in normal condition	
				
Name of part / Location	Findings	Name of part / Location	Findings	
TRL 003 Diesel Tank Receiving Line (Jetty to Tank No.6,8)	Still in normal condition	TRL 003 Diesel Tank Receiving Line (Jetty to Tank No.6,8)	Still in normal condition	
				
Name of part / Location	Findings	Name of part / Location	Findings	
TRL 003 Diesel Tank Receiving Line (Jetty to Tank No.6,8)	Still in normal condition	TRL 003 Diesel Tank Receiving Line (Jetty to Tank No.6,8)	Still in normal condition	



PIPING INSPECTION PICTURE LOG			Report/ Project	Sheet
			2112012	PL 7/7
STT-CC-003-01-01 (TRL 003 Diesel Tank Receiving Line (Jetty to Tank No.6,8))				
				
Name of part / Location	Findings	Name of part / Location	Findings	
TRL 003 Diesel Tank Receiving Line (Jetty to Tank No.6,8)	Still in normal condition	TRL 003 Diesel Tank Receiving Line (Jetty to Tank No.6,8)	Still in normal condition	
				
Name of part / Location	Findings	Name of part / Location	Findings	
TRL 003 Diesel Tank Receiving Line (Jetty to Tank No.6,8)	Still in normal condition	TRL 003 Diesel Tank Receiving Line (Jetty to Tank No.6,8)	Still in normal condition	
				
Name of part / Location	Findings	Name of part / Location	Findings	
TRL 003 Diesel Tank Receiving Line (Jetty to Tank No.6,8)	Still in normal condition	TRL 003 Diesel Tank Receiving Line (Jetty to Tank No.6,8)	Still in normal condition	



<div><div></div><div></div></div>													Report/ Project	Sheet
													2112012	UTM 1/7
STT-CC-003-01-01 (Diesel)														
CML	Size	Type	Direction	Nom. (Thk)	Min Required (mm)	UTM date	UTM date	UTM date	Short term corrosion Rate (mm)/yr	Long term corrosion Rate (mm)/yr	Short term remaining life (yr)	Long term remaining life (yr)		
				1-Jan-65 (mm)		15-Dec-16 (mm)	20-Dec-21 (mm)							
1A	6"	Elbow	0°	8.18	2.80	6.31	6.53		-0.044	0.029	No Corrosion	128.87		
			90°			6.93	6.66		0.054	0.027	71.72	144.76		
			180°			7.01	7.04		-0.006	0.020	No Corrosion	212.02		
			270°			6.80	6.83		-0.006	0.024	No Corrosion	170.17		
1B	6"	Elbow	0°	8.18	2.80	6.61	6.52		0.018	0.029	207.35	127.75		
			90°			6.79	6.63		0.032	0.027	120.08	140.86		
			180°			6.57	6.54		0.006	0.029	625.38	130.00		
			270°			6.74	6.54		0.040	0.029	93.81	130.00		
1C	6"	Elbow	0°	8.18	2.80	6.37	6.39		-0.004	0.031	No Corrosion	114.33		
			90°			6.88	7.02		-0.028	0.020	No Corrosion	207.38		
			180°			7.03	7.03		0.000	0.020	No Corrosion	209.68		
			270°			6.78	6.98		-0.040	0.021	No Corrosion	198.57		
2	6"	Pipe	0°	8.18	2.80	6.55	6.66		-0.022	0.027	No Corrosion	144.76		
			90°			6.86	6.81		0.010	0.024	402.32	166.86		
			180°			6.90	6.99		-0.018	0.021	No Corrosion	200.72		
			270°			6.83	6.83		0.000	0.024	No Corrosion	170.17		
3A	6"	Elbow	0°	8.18	2.80	6.81	6.87		-0.012	0.023	No Corrosion	177.11		
			90°			7.24	7.17		0.014	0.018	313.17	246.65		
			180°			7.10	7.04		0.012	0.020	354.49	212.02		
			270°			6.93	7.00		-0.014	0.021	No Corrosion	202.90		
3B	6"	Elbow	0°	8.18	2.80	7.15	7.14		0.002	0.018	2177.13	237.89		
			90°			7.41	7.56		-0.030	0.011	No Corrosion	437.65		
			180°			6.75	6.79		-0.008	0.024	No Corrosion	163.63		
			270°			7.20	7.13		0.014	0.018	310.30	235.08		
3C	6"	Elbow	0°	8.18	2.80	7.07	7.02		0.010	0.020	423.39	207.38		
			90°			7.53	7.51		0.004	0.012	1181.37	400.74		
			180°			6.90	6.90		0.000	0.022	No Corrosion	182.60		
			270°			6.99	6.96		0.006	0.021	695.61	194.38		
4	6"	Pipe	0°	8.18	2.80	6.09	6.23		-0.028	0.034	No Corrosion	100.27		
			90°			6.60	6.44		0.032	0.031	114.12	119.25		
			180°			7.20	7.11		0.018	0.019	240.23	229.62		
			270°			6.54	6.59		-0.010	0.028	No Corrosion	135.88		

<div><div></div><div></div></div>													Report/ Project	Sheet
STT-CC-003-01-01 (Diesel)													2112012	UTM 2/7
CML	Size	Type	Direction	Nom.(Thk)	Min Required (mm)	UTM date	UTM date	UTM date	Short term corrosion Rate (mm)/yr	Long term corrosion Rate (mm)/yr	Short term remaining life (yr)	Long term remaining life (yr)		
				1-Jan-65 (mm)		15-Dec-16 (mm)	20-Dec-21 (mm)	(mm)						
5	6"	Pipe	0°	8.18	2.80	6.99	6.83		0.032	0.024	126.35	170.17		
			90°			6.99	8.85		-0.371	-0.012	No Corrosion	No Corrosion		
			180°			6.38	6.52		-0.028	0.029	No Corrosion	127.75		
			270°			7.01	6.98		0.006	0.021	698.96	198.57		
6	6"	Pipe	0°	8.18	2.80	6.81	6.88		-0.014	0.023	No Corrosion	178.91		
			90°			6.73	6.84		-0.022	0.024	No Corrosion	171.87		
			180°			6.66	6.79		-0.026	0.024	No Corrosion	163.63		
			270°			6.56	6.51		0.010	0.029	372.22	126.64		
7	6"	Pipe	0°	8.18	2.80	6.95	6.95		0.000	0.022	No Corrosion	192.34		
			90°			6.72	6.77		-0.010	0.025	No Corrosion	160.50		
			180°			6.56	6.54		0.004	0.029	938.07	130.00		
			270°			6.55	6.54		0.002	0.029	1876.15	130.00		
8	6"	Pipe	0°	8.18	2.80	7.01	7.07		-0.012	0.019	No Corrosion	219.29		
			90°			6.78	6.79		-0.002	0.024	No Corrosion	163.63		
			180°			6.75	6.75		0.000	0.025	No Corrosion	157.46		
			270°			6.60	6.63		-0.006	0.027	No Corrosion	140.86		
9A	6"	Elbow	0°	8.18	2.80	7.24	7.21		0.006	0.017	737.42	259.17		
			90°			7.12	7.15		-0.006	0.018	No Corrosion	240.75		
			180°			6.85	6.93		-0.016	0.022	No Corrosion	188.35		
			270°			6.70	6.72		-0.004	0.026	No Corrosion	153.06		
9B	6"	Elbow	0°	8.18	2.80	6.87	6.87		0.000	0.023	No Corrosion	177.11		
			90°			6.99	6.82		0.034	0.024	118.62	168.50		
			180°			7.05	7.11		-0.012	0.019	No Corrosion	229.62		
			270°			6.53	6.51		0.004	0.029	930.55	126.64		
9C	6"	Elbow	0°	8.18	2.80	6.87	6.88		-0.002	0.023	No Corrosion	178.91		
			90°			7.00	7.05		-0.010	0.020	No Corrosion	214.40		
			180°			6.45	6.49		-0.008	0.030	No Corrosion	124.47		
			270°			6.57	6.55		0.004	0.029	940.58	131.15		
10	6"	Pipe	0°	8.18	2.80	6.63	6.72		-0.018	0.026	No Corrosion	153.06		
			90°			6.64	6.72		-0.016	0.026	No Corrosion	153.06		
			180°			7.31	7.24		0.014	0.016	318.19	269.26		
			270°			7.08	7.12		-0.008	0.019	No Corrosion	232.32		

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													2112012	UTM 3/7
STT-CC-003-01-01 (Diesel)														
CML	Size	Type	Direction	Nom. (Thk)	Min Required (mm)	UTM date	UTM date	UTM date	Short term corrosion Rate (mm)/yr	Long term corrosion Rate (mm)/yr	Short term remaining life (yr)	Long term remaining life (yr)		
				1-Jan-65		20-Dec-21								
				(mm)		(mm)	(mm)							
11	6"	Pipe	0°	7.11	2.80	6.54	6.44	0.020	0.012	0.012	182.60	309.70		
			90°			6.88	6.85	0.006	0.005	0.005	677.22	887.97		
			180°			6.79	6.63	0.032	0.008	0.008	120.08	454.86		
			270°			6.84	6.77	0.014	0.006	0.006	284.50	665.62		
12	6"	Pipe	0°	7.11	2.80	6.78	6.78	0.000	0.006	0.006	No Corrosion	687.52		
			90°			6.42	6.39	0.006	0.013	0.013	600.30	284.24		
			180°			7.11	7.09	0.004	0.000	0.000	1076.03	12227.68		
			270°			7.13	7.11	0.004	0.000	0.000	1081.04	No Corrosion		
13	6"	Pipe	0°	7.11	2.80	6.67	6.63	0.008	0.008	0.008	480.32	454.86		
			90°			6.84	6.89	-0.010	0.004	0.004	No Corrosion	1059.78		
			180°			6.18	6.11	0.014	0.018	0.018	237.21	188.69		
			270°			6.47	6.35	0.024	0.013	0.013	148.40	266.28		
14A	6"	Elbow	0°	7.11	2.80	6.90	6.82	0.016	0.005	0.005	252.08	790.21		
			90°			6.66	6.54	0.024	0.010	0.010	156.35	374.04		
			180°			5.17	5.26	-0.018	0.032	0.032	No Corrosion	75.80		
			270°			6.87	6.77	0.020	0.006	0.006	199.15	665.62		
14B	6"	Elbow	0°	7.11	2.80	6.45	6.43	0.004	0.012	0.012	910.48	304.31		
			90°			6.86	6.86	0.000	0.004	0.004	No Corrosion	925.77		
			180°			5.86	5.92	-0.012	0.021	0.021	No Corrosion	149.46		
			270°			6.88	6.71	0.034	0.007	0.007	115.38	557.23		
14C	6"	Elbow	0°	7.11	2.80	6.75	6.79	-0.008	0.006	0.006	No Corrosion	710.79		
			90°			6.80	6.79	0.002	0.006	0.006	2001.56	710.79		
			180°			5.62	5.83	-0.042	0.022	0.022	No Corrosion	134.94		
			270°			6.99	6.74	0.050	0.006	0.006	79.06	607.03		
15	6"	Pipe	0°	7.11	2.80	6.70	6.72	-0.004	0.007	0.007	No Corrosion	572.98		
			90°			6.62	6.63	-0.002	0.008	0.008	No Corrosion	454.86		
			180°			6.61	6.61	0.000	0.009	0.009	No Corrosion	434.38		
			270°			6.69	6.76	-0.014	0.006	0.006	No Corrosion	644.98		
16	6"	Pipe	0°	7.11	2.80	6.41	6.40	0.002	0.012	0.012	1805.92	289.04		
			90°			6.98	6.77	0.042	0.006	0.006	94.83	665.62		
			180°			6.59	6.63	-0.008	0.008	0.008	No Corrosion	454.86		
			270°			6.67	6.63	0.008	0.008	0.008	480.32	454.86		

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										2112012	UTM 4/7	
STT-CC-003-01-01 (Diesel)												
CML	Size	Type	Direction	Nom. (Thk)	Min Required (mm)	UTM date	UTM date	UTM date	Short term corrosion Rate (mm)/yr	Long term corrosion Rate (mm)/yr	Short term remaining life (yr)	Long term remaining life (yr)
				1-Jan-65		20-Dec-21						
				(mm)		(mm)	(mm)					
17	6"	Pipe	0°	7.11	2.80	6.68	6.65		0.006	0.008	643.78	477.11
			90°			6.62	6.64		-0.004	0.008	No Corrosion	465.75
			180°			6.33	6.31		0.004	0.014	880.38	250.11
			270°			6.76	6.72		0.008	0.007	491.61	572.98
18A	6"	Elbow	0°	7.11	2.80	6.87	6.85		0.004	0.005	1015.83	887.97
			90°			7.02	7.06		-0.008	0.001	No Corrosion	4856.87
			180°			7.03	7.04		-0.002	0.001	No Corrosion	3452.90
			270°			7.06	7.05		0.002	0.001	2131.99	4037.89
18B	6"	Elbow	0°	7.11	2.80	6.76	6.79		-0.006	0.006	No Corrosion	710.79
			90°			7.01	7.04		-0.006	0.001	No Corrosion	3452.90
			180°			7.54	7.37		0.034	-0.005	134.85	No Corrosion
			270°			6.78	6.78		0.000	0.006	No Corrosion	687.52
18C	6"	Elbow	0°	7.11	2.80	6.85	6.85		0.000	0.005	No Corrosion	887.97
			90°			7.21	7.22		-0.002	-0.002	No Corrosion	No Corrosion
			180°			7.38	7.34		0.008	-0.004	569.37	No Corrosion
			270°			7.03	7.03		0.000	0.001	No Corrosion	3014.16
19	6"	Pipe	0°	7.11	2.80	6.67	6.69		-0.004	0.007	No Corrosion	527.98
			90°			6.84	6.87		-0.006	0.004	No Corrosion	966.72
			180°			6.99	6.94		0.010	0.003	415.36	1388.25
			270°			6.86	6.85		0.002	0.005	2031.66	887.97
20	6"	Pipe	0°	7.11	2.80	6.41	6.38		0.006	0.013	598.63	279.56
			90°			6.90	6.90		0.000	0.004	No Corrosion	1112.96
			180°			6.44	6.41		0.006	0.012	603.64	293.99
			270°			6.55	6.49		0.012	0.011	308.51	339.27
21	6"	Pipe	0°	7.11	2.80	7.12	7.09		0.006	0.000	717.35	12227.68
			90°			6.71	6.68		0.006	0.008	648.79	514.38
			180°			6.68	6.68		0.000	0.008	No Corrosion	514.38
			270°			6.53	6.54		-0.002	0.010	No Corrosion	374.04
22	6"	Pipe	0°	7.11	2.80	6.68	6.68		0.000	0.008	No Corrosion	514.38
			90°			6.79	6.79		0.000	0.006	No Corrosion	710.79
			180°			6.73	6.77		-0.008	0.006	No Corrosion	665.62
			270°			6.68	6.65		0.006	0.008	643.78	477.11

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STT-CC-003-01-01 (Diesel)													2112012	UTM 5/7
CML	Size	Type	Direction	Nom. (Thk)	Min Required (mm)	UTM date	UTM date	UTM date	Short term corrosion Rate	Long term corrosion Rate	Short term remaining life	Long term remaining life		
				1-Jan-65 (mm)		15-Dec-16 (mm)	20-Dec-21 (mm)	(mm)	(mm)/yr	(mm)/yr	(yr)	(yr)		
23	6"	Pipe	0°	7.11	2.80	6.26	6.17		0.018	0.016	187.84	204.37		
			90°			6.92	6.74		0.036	0.006	109.80	607.03		
			180°			6.35	6.36		-0.002	0.013	No Corrosion	270.59		
			270°			6.41	6.37		0.008	0.013	447.72	275.01		
24A	6"	Elbow	0°	7.11	2.80	6.80	6.72		0.016	0.007	245.81	572.98		
			90°			6.61	6.60		0.002	0.009	1906.25	424.75		
			180°			6.72	6.72		0.000	0.007	No Corrosion	572.98		
			270°			6.84	6.88		-0.008	0.004	No Corrosion	1011.23		
24B	6"	Elbow	0°	7.11	2.80	6.92	6.88		0.008	0.004	511.68	1011.23		
			90°			6.60	6.67		-0.014	0.008	No Corrosion	501.39		
			180°			6.86	6.84		0.004	0.005	1013.32	852.97		
			270°			6.80	6.84		-0.008	0.005	No Corrosion	852.97		
24C	6"	Elbow	0°	7.11	2.80	6.68	6.66		0.004	0.008	968.17	488.98		
			90°			6.55	6.51		0.008	0.011	465.27	352.48		
			180°			6.85	6.74		0.022	0.006	179.68	607.03		
			270°			6.73	6.78		-0.010	0.006	No Corrosion	687.52		
25	6"	Pipe	0°	7.11	2.80	6.90	6.88		0.004	0.004	1023.35	1011.23		
			90°			7.14	7.08		0.012	0.001	357.84	8132.78		
			180°			6.47	6.45		0.004	0.012	915.50	315.26		
			270°			6.62	6.61		0.002	0.009	1911.26	434.38		
26	6"	Pipe	0°	7.11	2.80	6.61	6.61		0.000	0.009	No Corrosion	434.38		
			90°			6.52	6.58		-0.012	0.009	No Corrosion	406.57		
			180°			6.73	6.78		-0.010	0.006	No Corrosion	687.52		
			270°			6.89	6.84		0.010	0.005	405.33	852.97		
27	6"	Pipe	0°	7.11	2.80	6.75	6.77		-0.004	0.006	No Corrosion	665.62		
			90°			6.54	6.56		-0.004	0.010	No Corrosion	389.71		
			180°			6.85	6.81		0.008	0.005	502.90	761.97		
			270°			6.63	6.62		0.002	0.009	1916.28	444.41		
28A	6"	Elbow	0°	7.11	2.80	6.90	6.71		0.038	0.007	103.23	557.23		
			90°			6.73	6.73		0.000	0.007	No Corrosion	589.56		
			180°			6.70	6.74		-0.008	0.006	No Corrosion	607.03		
			270°			6.48	6.55		-0.014	0.010	No Corrosion	381.73		

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										2112012	UTM 6/7
STT-CC-003-01-01 (Diesel)											
CML	Size	Type	Direction	Nom.(Thk) 1-Jan-65 (mm)	Min Required (mm)	UTM date		Short term corrosion Rate (mm)/yr	Long term corrosion Rate (mm)/yr	Short term remaining life (yr)	Long term remaining life (yr)
						15-Dec-16 (mm)	20-Dec-21 (mm)				
28B	6"	Elbow	0°	7.11	2.80	6.68	6.60	0.016	0.009	238.28	424.75
			90°			6.29	6.21	0.016	0.016	213.83	215.99
			180°			7.41	7.38	0.006	-0.005	765.84	No Corrosion
			270°			6.79	6.79	0.000	0.006	No Corrosion	710.79
28C	6"	Elbow	0°	7.11	2.80	6.76	6.74	0.004	0.006	988.24	607.03
			90°			6.28	6.36	-0.016	0.013	No Corrosion	270.59
			180°			7.18	7.15	0.006	-0.001	727.38	No Corrosion
			270°			6.83	6.77	0.012	0.006	331.92	665.62
29	6"	Pipe	0°	7.11	2.80	6.85	6.77	0.016	0.006	248.94	665.62
			90°			7.12	7.09	0.006	0.000	717.35	12227.68
			180°			7.32	7.22	0.020	-0.002	221.73	No Corrosion
			270°			6.94	6.91	0.006	0.004	687.25	1171.46
30	6"	Pipe	0°	7.11	2.80	6.75	6.74	0.002	0.006	1976.48	607.03
			90°			6.95	6.92	0.006	0.003	688.92	1236.12
			180°			6.43	6.41	0.004	0.012	905.47	293.99
			270°			7.02	7.05	-0.006	0.001	No Corrosion	4037.89
31	6"	Pipe	0°	7.11	2.80	6.92	6.99	-0.014	0.002	No Corrosion	1990.44
			90°			7.10	7.02	0.016	0.002	264.62	2672.92
			180°			6.25	6.21	0.008	0.016	427.65	215.99
			270°			6.96	6.94	0.004	0.003	1038.40	1388.25
32	6"	Pipe	0°	7.11	2.80	6.56	6.46	0.020	0.011	183.60	320.98
			90°			7.41	7.33	0.016	-0.004	284.06	No Corrosion
			180°			6.58	6.54	0.008	0.010	469.04	374.04
			270°			6.57	6.53	0.008	0.010	467.78	366.60
33	6"	Pipe	0°	7.11	2.80	6.92	6.97	-0.010	0.002	No Corrosion	1697.95
			90°			7.35	7.27	0.016	-0.003	280.29	No Corrosion
			180°			7.14	7.21	-0.014	-0.002	No Corrosion	No Corrosion
			270°			6.73	6.71	0.004	0.007	980.71	557.23
34A	6"	Elbow	0°	7.11	2.80	6.60	6.60	0.000	0.009	No Corrosion	424.75
			90°			6.89	7.02	-0.026	0.002	No Corrosion	2672.92
			180°			6.77	6.82	-0.010	0.005	No Corrosion	790.21
			270°			7.35	7.31	0.008	-0.004	565.60	No Corrosion

[illegible]

เอกสารแนบที่ 19

วัสดุดูดซับสารเคมีและน้ำมัน

Universal Sorbent

แผ่นดูดซับสารเคมี+น้ำมัน
Universal Sorbent Pad

Model: MOS-LMT2002 & MOS-LMT4002

สามารถใช้จุดพักรถและสถานที่พักผ่อนเพิ่มเติมได้ และตัวแต่ละสายก็ให้รหัสสีออกมาจากเครื่องจักร

แต่ละตัวนั้นสามารถนำมาใช้เพื่อการประเมินผลและคาดการณ์แนวโน้มของรถที่มีการวิ่งมาและกลับเข้ามาในบริเวณที่มีสภาพไม่เหมาะกับการปฏิบัติงานและพบอุบัติเหตุบ่อยครั้ง ใช้ได้ทุกสายที่ทำงานทั้งหมด

ผศ.ดร. ปิยะตม์

TV Model	WVW / Size	Thickness	Picture / Quantity	Ultraviolet / Absorbency	Screen Type
MOS-LMT2002	41cm x 51cm	3mm	200pcs / carton	>145 litre / carton	Single Weight (unit/pc) / Double Weight (unit/pc)
MOS-LMT4002	41cm x 51cm	8mm	100pcs / carton	>145 litre / carton	

MOS-LMT2002
MOS-LMT4002

ถุงดูดซับสารเคมี+น้ำมัน
Universal Sorbent Sock

Model: NOS-SOC7612 & MOS-SOC7624

ผลิตภัณฑ์และเอเจนซีที่ให้บริการมีทั้ง
ใช้ชุดคำถามและสไลด์ที่ออกแบบไว้ก่อน
แล้วควรวิน, นวัตกรรมและอาชีพที่
อดทนจากเครื่องจักร

Model / Model	Size / Size	Quantity / Quantity	Transmittance / Absorbance
MOS-SOC7612	07.6cm x 1.2m	12pcs / carton	>100 litre / carton
MOS-SOC7624	07.6cm x 2.4m	6pcs / carton	>100 litre / carton

- Cellulosic sorbent contained with a flexible polypropylene skin for the purpose of containing & absorbing solvents, water & other non-aggressive liquids that leak or drip from any source.
- Absorbent socks are used primarily in everyday house-keeping around machinery that's leak, seep & spill coolant or oils. They fit snugly against machine bases and wrap around corners keeping the work area safe & dry.

MOS-SOC7612
MOS-SOC7624

หมอนดูดซับสารเคมี+น้ำมัน
Universal Sorbent Pillow

Model: MOS-P112025 & MOS-P114050

ช่วยเคลมตนเองกว่าทศวรรษและอดให้หาได้ง่ายและปลอดภัยมากขึ้น

PU / Model	WPM / Size	WPM / Quantity	WPM / Quantity / Absorbency
MOS-PIL2025	20cm x 25m	32pcs / carton	>90 litre / carton
MOS-PIL4050	40cm x 50m	16pcs / carton	>144 litre / carton

...meet variety of clean-up and safety

1. ปริมาณตัวรับสารเคมีที่นำมัน
 Universal Sorbent Folded

Model: MOS-EPD3802S

ผลิตจากเส้นใยโพลีเอทิลีนโพรพิลีน มีความยืดหยุ่น ทนทาน สามารถนำกลับมาใช้ใหม่ได้อีกหลายครั้ง
สามารถใส่ชุดอุปกรณ์เสริมที่มีลักษณะเหมือนกัน สามารถควมร้อยได้ และตัวแฉะลาย
แนวตั้งทำให้ใช้ได้ง่ายขึ้น ใช้เป็นถุงใส่ขยะ และถุงใส่ขยะ หรือเป็นถุงดูดซับน้ำได้
เป็นผลิตภัณฑ์ที่จำเป็นสำหรับบ้านและใช้ในสถานที่สาธารณะ
These universal sorbents folded are made from laminated oil sorbent pads with

tu / Model	mm / Size	Carton / Quantity	SP/Weight / Absorbency
MOS-FID2602S	36cm x 15m	1 roll / carton	132 litre / carton

805-FLD38025

เอกสารแนบที่ 20

รายงานจำนวนรถบรรทุกที่เข้าโหลดน้ำมัน

รายงานจำนวนรถบรรทุกเข้าโหลดน้ำมันประจำเดือน มกราคม 2023

วันที่	สถานีบริการ CTL	ลูกค้าอื่นๆ CTL	โหลดบน CTL	รวม CTL	สถานีบริการ BCP	ลูกค้าอื่นๆ BCP	โหลดบน BCP	รวม BCP	รวมทั้งหมด CTL+BCP
1				0				0	0
2	28	0	6	34	59	0	9	68	102
3	0	0	0	0	54	0	5	59	59
4	26	0	2	28	59	0	13	72	100
5	17	2	1	20	44	1	12	57	77
6	23	3	2	28	37	0	16	53	81
7	23	0	2	25	57	0	17	74	99
8				0	18	0	3	21	21
9	21	0	4	25	52	0	11	63	88
10	15	0	7	22	47	0	14	61	83
11	12	0	4	16	38	0	15	53	69
12	24	0	2	26	60	0	15	75	101
13	23	0	3	26	44	0	25	69	95
14	20	0	3	23	61	0	25	86	109
15				0	17	0	4	21	21
16	22	0	5	27	67	0	18	85	112
17	15	0	2	17	48	0	11	59	76
18	18	3	1	22	57	1	13	71	93
19	11	9	1	21	57	2	13	72	93
20	18	14	1	33	40	0	9	49	82
21	19	16	3	38	61	1	18	80	118
22				0	22	0	2	24	24
23	20	16	0	36	45	0	30	75	111
24	15	2	2	19	48	0	13	61	80
25	18	1	2	21	48	0	15	63	84
26	16	2	8	26	48	0	16	64	90
27	20	1	3	24	40	4	31	75	99
28	21	3	7	31	64	1	14	79	110
29				0	27	0	2	29	29
30	17	0	4	21	55	1	13	69	90
31	17	1	2	20	51	0	20	71	91
รวมทั้งเดือน				629				1858	2487

รายงานจำนวนรถบรรทุกเข้าโหลคน้ำมันประจำวัน กุมภาพันธ์ 2023

วันที่	สถานีบริการ CTL	ลูกค้าอื่นๆ CTL	โหลดบน CTL	รวม CTL	สถานีบริการ BCP	ลูกค้าอื่นๆ BCP	โหลดบน BCP	รวม BCP	รวมทั้งหมด CTL+BCP
1	18	4	3	25	37	1	9	47	72
2	13	12	1	26	43	0	8	51	77
3	14	5	3	22	35	2	16	53	75
4	24	22	2	48	79	0	9	88	136
5				0	25	0	3	28	28
6	18	7	2	27	40	0	13	53	80
7	19	14	1	34	37	0	11	48	82
8	29	21	3	53	59	0	6	65	118
9	14	9	2	25	57	0	12	69	94
10	14	5	11	30	43	0	14	57	87
11	21	20	8	49	61	0	16	77	126
12				0				0	0
13	18	10	1	29	55	0	11	66	95
14	17	3	1	21	50	0	7	57	78
15	14	0	9	23	45	0	35	80	103
16	12	2	4	18	44	0	23	67	85
17	25	4	3	32	54	5	22	81	113
18	17	3	3	23	47	2	23	72	95
19				0	24	0	2	26	26
20	13	7	3	23	41	2	23	66	89
21	13	1	1	15	37	0	7	44	59
22	21	12	4	37	46	2	21	69	106
23	16	8	2	26	44	0	17	61	87
24	25	9	3	37	45	4	20	69	106
25	26	8	3	37	67	1	16	84	121
26				0	24	0	5	29	29
27	21	4	3	28	48	3	18	69	97
28	21	18	4	43	54	0	7	61	104
29				0				0	0
30				0				0	0
31				0				0	0
รวมทั้งเดือน				731				1637	2368

รายงานจำนวนรถบรรทุกเข้าโหลบน้ำมันประจำเดือน มีนาคม 2023

วันที่	สถานีบริการ CTL	ลูกค้าอื่นๆ CTL	โหลดบน CTL	รวม CTL	สถานีบริการ BCP	ลูกค้าอื่นๆ BCP	โหลดบน BCP	รวม BCP	รวมทั้งหมด CTL+BCP
1	13	19	0	32	45	1	13	59	91
2	17	9	2	28	64	0	13	77	105
3	16	13	2	31	33	0	12	45	76
4	26	14	3	43	47	0	19	66	109
5	0	0	0	0	31	0	3	34	34
6	19	26	11	56	55	0	10	65	121
7	26	5	1	32	56	1	10	67	99
8	10	2	4	16	35	0	17	52	68
9	14	15	0	29	38	0	11	49	78
10	20	8	3	31	39	1	16	56	87
11	23	4	3	30	45	0	5	50	80
12	0	0	0	0	21	0	7	28	28
13	17	3	4	24	41	2	6	49	73
14	19	1	1	21	48	0	14	62	83
15	13	12	0	25	41	1	12	54	79
16	13	0	4	17	42	2	15	59	76
17	36	6	18	60	22	16	3	41	101
18	29	8	3	40	63	0	9	72	112
19	0	0	0	0	21	0	1	22	22
20	16	4	3	23	43	0	14	57	80
21	17	4	1	22	39	0	8	47	69
22	23	0	1	24	56	0	7	63	87
23	17	2	2	21	41	0	3	44	65
24	21	1	5	27	43	0	30	73	100
25	18	8	4	30	48	3	18	69	99
26	0	0	0	0	24	0	5	29	29
27	22	6	4	32	48	2	13	63	95
28	18	8	2	28	50	0	4	54	82
29	27	1	2	30	60	0	10	70	100
30	5	0	5	10	36	0	21	57	67
31	16	14	7	37	35	10	24	69	106
รวมทั้งเดือน				799				1702	2501

รายงานจำนวนรถบรรทุกเข้าโหลดน้ำมันประจำเดือน เมษายน 2023

วันที่	สถานีบริการ CTL	ลูกค้าอื่นๆ CTL	โหลดบน CTL	รวม CTL	สถานีบริการ BCP	ลูกค้าอื่นๆ BCP	โหลดบน BCP	รวม BCP	รวมทั้งหมด CTL+BCP
1	20	3	5	28	49	0	11	60	88
2	0	0	0	0	27	0	4	31	31
3	27	22	8	57	46	1	17	64	121
4	17	5	0	22	64	0	10	74	96
5	20	0	3	23	54	0	18	72	95
6	19	5	5	29	45	0	20	65	94
7	18	4	8	30	42	0	30	72	102
8	22	0	2	24	50	0	20	70	94
9	0	0	0	0	27	2	4	33	33
10	24	15	3	42	53	0	16	69	111
11	15	17	4	36	57	3	18	78	114
12	26	7	4	37	67	5	12	84	121
13	30	0	5	35	55	6	15	76	111
14	15	0	0	15	49	0	6	55	70
15	26	25	2	53	52	0	6	58	111
16	0	0	0	0	29	0	1	30	30
17	18	4	0	22	46	0	11	57	79
18	12	3	1	16	38	2	11	51	67
19	16	8	4	28	43	0	10	53	81
20	15	3	3	21	46	0	9	55	76
21	16	6	3	25	34	0	9	43	68
22	25	16	0	41	67	0	9	76	117
23	0	0	0	0	23	0	4	27	27
24	21	4	7	32	38	0	17	55	87
25	21	18	1	40	44	0	9	53	93
26	21	2	1	24	52	0	7	59	83
27	9	0	4	13	48	1	14	63	76
28	23	12	3	38	49	9	22	80	118
29	25	8	5	38	81	6	15	102	140
30				0				0	0
31				0				0	0
รวมทั้งเดือน				769				1765	2534

รายงานจำนวนรถบรรทุกเข้าโหลدنํ้ามันประจำเดือน พฤษภาคม 2023

วันที่	สถานีบริการ CTL	ลูกค้าอื่นๆ CTL	โหลดบน CTL	รวม CTL	สถานีบริการ BCP	ลูกค้าอื่นๆ BCP	โหลดบน BCP	รวม BCP	รวมทั้งหมด CTL+BCP
1				0				0	0
2	18	11	2	31	60	0	9	69	100
3	23	9	1	33	60	0	9	69	102
4	7	1	7	15	14	0	13	27	42
5	13	20	3	36	45	1	16	62	98
6	20	6	1	27	55	0	13	68	95
7	0	0	0	0	23	0	2	25	25
8	18	5	1	24	41	5	9	55	79
9	19	10	5	34	53	3	9	65	99
10	20	2	2	24	43	0	12	55	79
11	11	0	1	12	43	0	10	53	65
12	19	8	6	33	39	0	10	49	82
13	16	12	4	32	59	0	7	66	98
14	0	0	0	0	21	0	0	21	21
15	20	5	5	30	53	5	22	80	110
16	16	12	0	28	51	3	10	64	92
17	16	2	5	23	40	0	14	54	77
18	18	2	2	22	40	0	6	46	68
19	26	23	3	52	60	0	8	68	120
20	16	7	3	26	60	2	24	86	112
21				0				0	0
22	19	3	2	24	46	3	14	63	87
23	14	4	2	20	38	5	15	58	78
24	18	3	2	23	47	0	6	53	76
25	19	6	4	29	57	0	10	67	96
26	8	4	2	14	42	0	8	50	64
27	17	4	7	28	57	0	18	75	103
28				0				0	0
29	16	2	4	22	44	0	11	55	77
30	19	0	2	21	33	0	12	45	66
31	14	2	3	19	39	0	15	54	73
รวมทั้งเดือน				682				1602	2284

รายงานจำนวนรถบรรทุกเข้าโหลดน้ำมันประจำเดือน มิถุนายน 2563

วันที่	สถานีบริการ CTL	ลูกค้าอื่นๆ CTL	โหลดบน CTL	รวม CTL	สถานีบริการ BCP	ลูกค้าอื่นๆ BCP	โหลดบน BCP	รวม BCP	รวมทั้งหมด CTL+BCP
1	10	12	0	22	31	0	6	37	59
2	24	16	1	41	50	1	8	59	100
3	17	8	3	28	44	2	13	59	87
4	0	0	0	0	17	0	1	18	18
5	19	2	0	21	43	0	9	52	73
6	24	2	1	27	57	0	11	68	95
7	8	1	5	14	34	0	4	38	52
8	10	2	1	13	35	0	19	54	67
9	28	7	4	39	47	0	7	54	93
10	12	22	5	39	48	0	15	63	102
11	0	0	0	0	17	0	3	20	20
12	16	6	3	25	33	0	11	44	69
13	12	4	0	16	32	15	45	92	108
14	17	1	2	20	45	0	7	52	72
15	14	3	7	24	40	0	9	49	73
16	14	20	4	38	40	3	9	52	90
17	24	5	4	33	68	0	16	84	117
18				0				0	0
19	34	7	3	44	66	0	11	77	121
20	4	7	7	18	34	16	52	102	120
21	14	7	3	24	42	0	15	57	81
22	25	10	5	40	32	6	18	56	96
23	13	6	6	25	36	0	15	51	76
24	21	5	10	36	63	0	16	79	115
25				0				0	0
26	16	26	6	48	44	1	17	62	110
27	21	3	1	25	40	11	14	65	90
28	15	3	5	23	45	0	17	62	85
29	12	16	4	32	42	1	13	56	88
30	23	23	9	55	57	3	15	75	130
				0				0	0
รวมทั้งเดือน				770				1637	2407