



Ultrasonic Corrosion Survey (Imperial Units)

Survey Name: TALISMAN ENERGY LTD.

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LSD: 10-25-074-08W6

Dwg#:86

Survey Name: TALISMAN ENERGY LTD.

District Unit: GPOU

Location: TEEPEE CREEK FIELD

Skid: SKD0599

Vessel Number: A0569290

Vessel Name: LINE HEATER - PIPING

Year Built: 2007

Tag Number: -

CRN: R0573.2/R0564.2

Manufacturer: RJV

Serial Number: CO-303

Shell MAWP PSI:
3375 MAWT F: 200

Tube MAWP PSI:
1600 MAWT F: 200

Vessel CA: 0

Survey Date:

31/01/2008

Inspector: DUANE PAETKAU

Process: SOUR

Project Number:

C10176

[\[Click here for Vessel Drawing -- 10-25-074-08W6 -86A.pdf\]](#)

Band	Description		Readings						Year	Avg	Min	Recommended Next Inspection	Nominal	CA	T-Min	Recommended Retirement Date	
			1	2	3	4	5	6									
86-05	Piping	Baseline	0.581	0.582	0.580	0.578	0.591	0.582	2008	0.582	0.578	2009	0.6000	0.075	0.2723	2028	
Shape	90° Elbow Shell	Previous										Comments:					
OD	3.5	Current	0.581	0.582	0.580	0.578	0.591	0.582	2008	0.582	0.578						
Spec	B31.3	Short Term Loss MPY:															
Material	A 234 - WPB	Long Term Loss MPY:									0						OK
86-10	Piping	Baseline	0.630	0.612	0.606	0.600	0.603	0.616	2008	0.611	0.600	2009	0.6000	0.075	0.2723	2028	
Shape	90° Elbow Shell	Previous										Comments:					
OD	3.5	Current	0.630	0.612	0.606	0.600	0.603	0.616	2008	0.611	0.600						
Spec	B31.3	Short Term Loss MPY:															
Material	A 234 - WPB	Long Term Loss MPY:									0						OK
86-15	Piping	Baseline	0.542	0.536	0.538	0.541	0.549	0.557	2008	0.544	0.536	2009	0.6000	0.075	0.2723	2028	
Shape	90° Elbow Shell	Previous										Comments:					
OD	3.5	Current	0.542	0.536	0.538	0.541	0.549	0.557	2008	0.544	0.536						
Spec	B31.3	Short Term Loss MPY:															
Material	A 234 - WPB	Long Term Loss MPY:									0						OK
86-20	Piping	Baseline	0.574	0.597	0.575	0.577	0.577	0.580	2008	0.580	0.574	2009	0.6000	0.075	0.2723	2028	
Shape	Cylindrical Shell	Previous										Comments:					
OD	3.5	Current	0.574	0.597	0.575	0.577	0.577	0.580	2008	0.580	0.574						
Spec	B31.3	Short Term Loss MPY:															
Material	A 106 - B	Long Term Loss MPY:									0						OK
86-25	Piping	Baseline	0.288	0.279	0.276	0.278	0.287	0.289	2008	0.283	0.276	2009	0.3000	0.0375	0.1346	2028	
Shape	90° Elbow Tube	Previous										Comments:					
OD	3.5	Current	0.288	0.279	0.276	0.278	0.287	0.289	2008	0.283	0.276						
Spec	B31.3	Short Term Loss MPY:															
Material	A 234 - WPB	Long Term Loss MPY:									0						OK

86-30		Piping	Baseline	0.292	0.282	0.284	0.286	0.279	0.282	2008	0.284	0.279	2009	0.3000	0.0375	0.1346	2028
Shape	90° Elbow Tube	Previous											Comments:				
OD	3.5	Current	0.292	0.282	0.284	0.286	0.279	0.282	2008	0.284	0.279						
Spec	B31.3	Short Term Loss MPY:															
Material	A 234 - WPB	Long Term Loss MPY:										0	OK				
86-35		Piping	Baseline	0.298	0.299	0.298	0.293	0.295	0.294	2008	0.296	0.293	2009	0.3000	0.0375	0.1346	2028
Shape	Cylindrical Tube	Previous											Comments:				
OD	3.5	Current	0.298	0.299	0.298	0.293	0.295	0.294	2008	0.296	0.293						
Spec	B31.3	Short Term Loss MPY:															
Material	A 106 - B	Long Term Loss MPY:										0	OK				
86-40		Piping	Baseline	0.309	0.307	0.308	0.306	0.307	0.307	2008	0.307	0.306	2009	0.3000	0.0375	0.1346	2028
Shape	Cylindrical Tube	Previous											Comments:				
OD	3.5	Current	0.309	0.307	0.308	0.306	0.307	0.307	2008	0.307	0.306						
Spec	B31.3	Short Term Loss MPY:															
Material	A 106 - B	Long Term Loss MPY:										0	OK				
86-45		Piping	Baseline	0.295	0.286	0.285	0.284	0.288	0.290	2008	0.288	0.284	2009	0.3000	0.0375	0.1346	2028
Shape	90° Elbow Tube	Previous											Comments:				
OD	3.5	Current	0.295	0.286	0.285	0.284	0.288	0.290	2008	0.288	0.284						
Spec	B31.3	Short Term Loss MPY:															
Material	A 234 - WPB	Long Term Loss MPY:										0	OK				
86-50		Piping	Baseline	0.300	0.301	0.304	0.304	0.306	0.305	2008	0.303	0.300	2009	0.3000	0.0375	0.1346	2028
Shape	90° Elbow Tube	Previous											Comments:				
OD	3.5	Current	0.300	0.301	0.304	0.304	0.306	0.305	2008	0.303	0.300						
Spec	B31.3	Short Term Loss MPY:															
Material	A 234 - WPB	Long Term Loss MPY:										0	OK				
86-55		Piping	Baseline	0.298	0.297	0.292	0.292	0.292	0.295	2008	0.294	0.292	2009	0.3000	0.0375	0.1346	2028
Shape	90° Elbow Tube	Previous											Comments:				
OD	3.5	Current	0.298	0.297	0.292	0.292	0.292	0.295	2008	0.294	0.292						
Spec	B31.3	Short Term Loss MPY:															
Material	A 234 - WPB	Long Term Loss MPY:										0	OK				
86-60		Piping	Baseline	0.285	0.283	0.285	0.288	0.289	0.292	2008	0.287	0.283	2009	0.3000	0.0375	0.1346	2028
Shape	90° Elbow Tube	Previous											Comments:				
OD	3.5	Current	0.285	0.283	0.285	0.288	0.289	0.292	2008	0.287	0.283						
Spec	B31.3	Short Term Loss MPY:															
Material	A 234 - WPB	Long Term Loss MPY:										0	OK				