

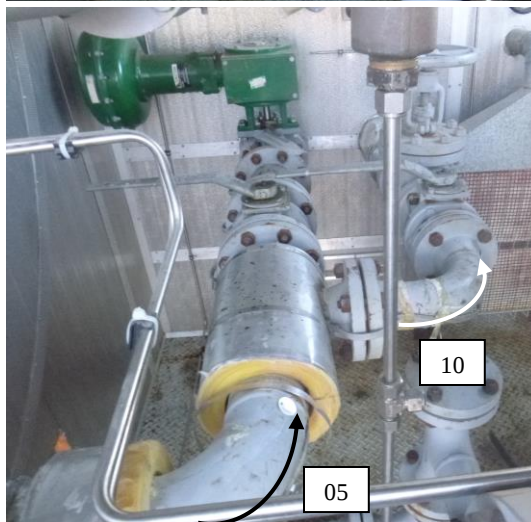
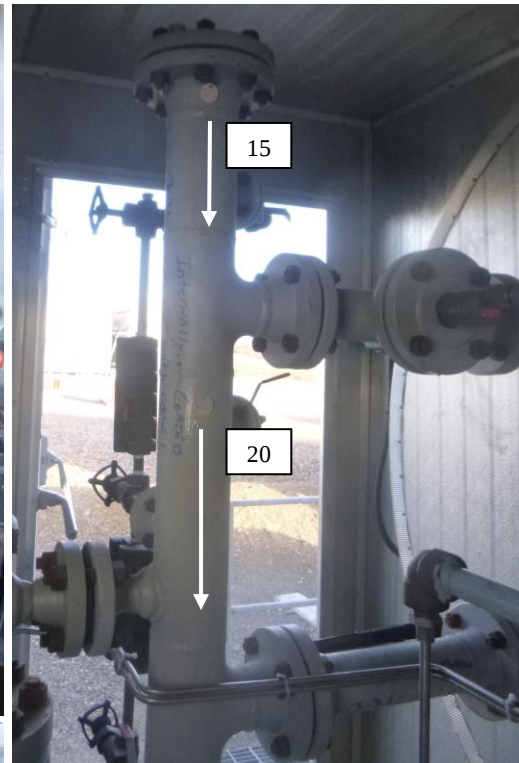


Vessel Static Data:

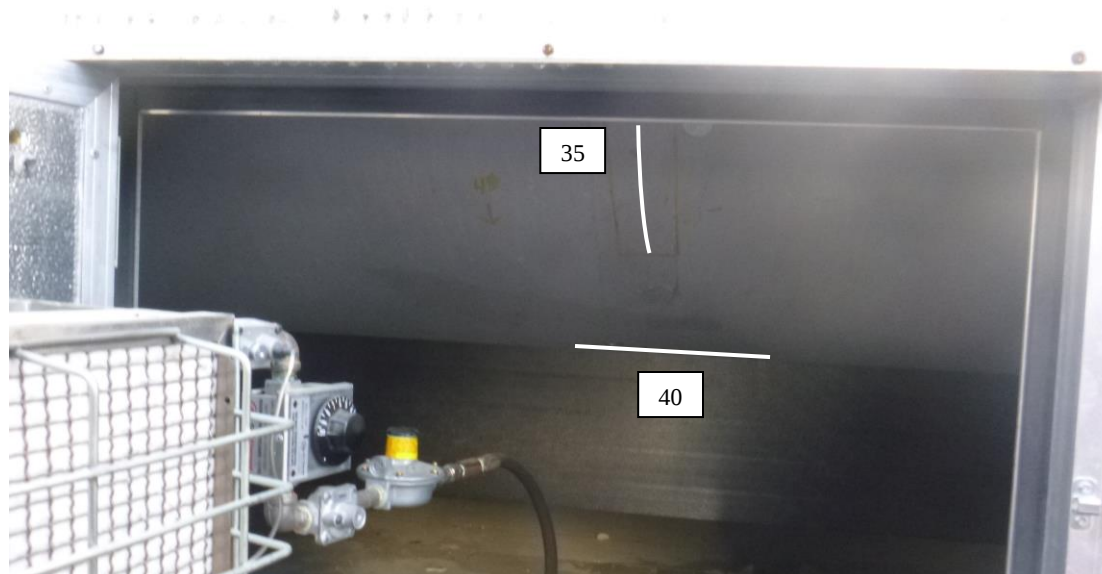
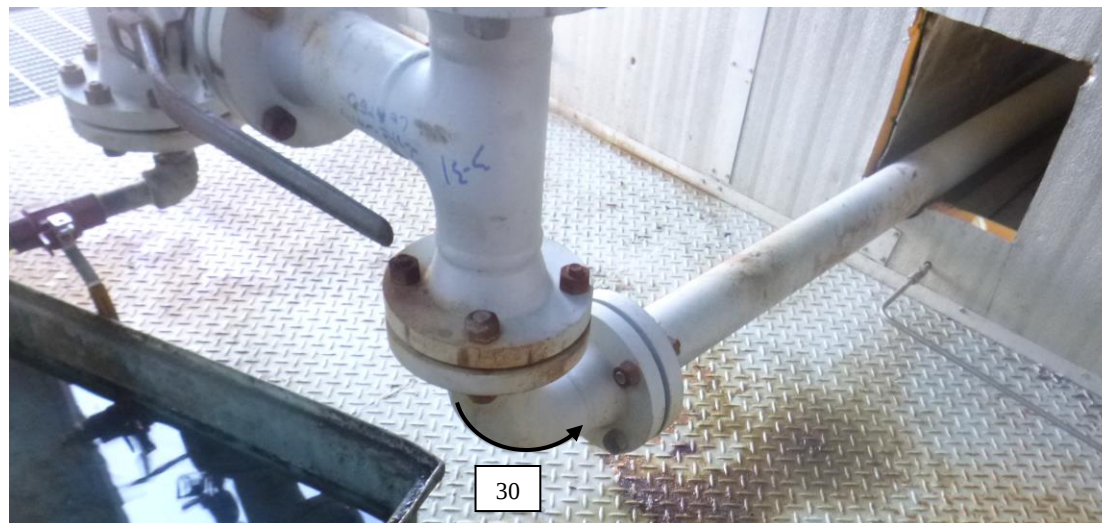
Name:	Flash Tank
A#:	471857
Serial Number:	12892
CRN:	R 2263.2
LSD:	03-31-054-22 W5M
Location:	Obed
CA:	0.125"
Size:	72.00" OD
MAWP:	100psi
Temp:	212°F
Head Material:	N/A
Head Nominal:	0.313"
Shell Material:	N/A
Shell Nominal:	0.375"
Year Built:	2003
Manufacturer:	Bilton
Tag#	MWS P87287

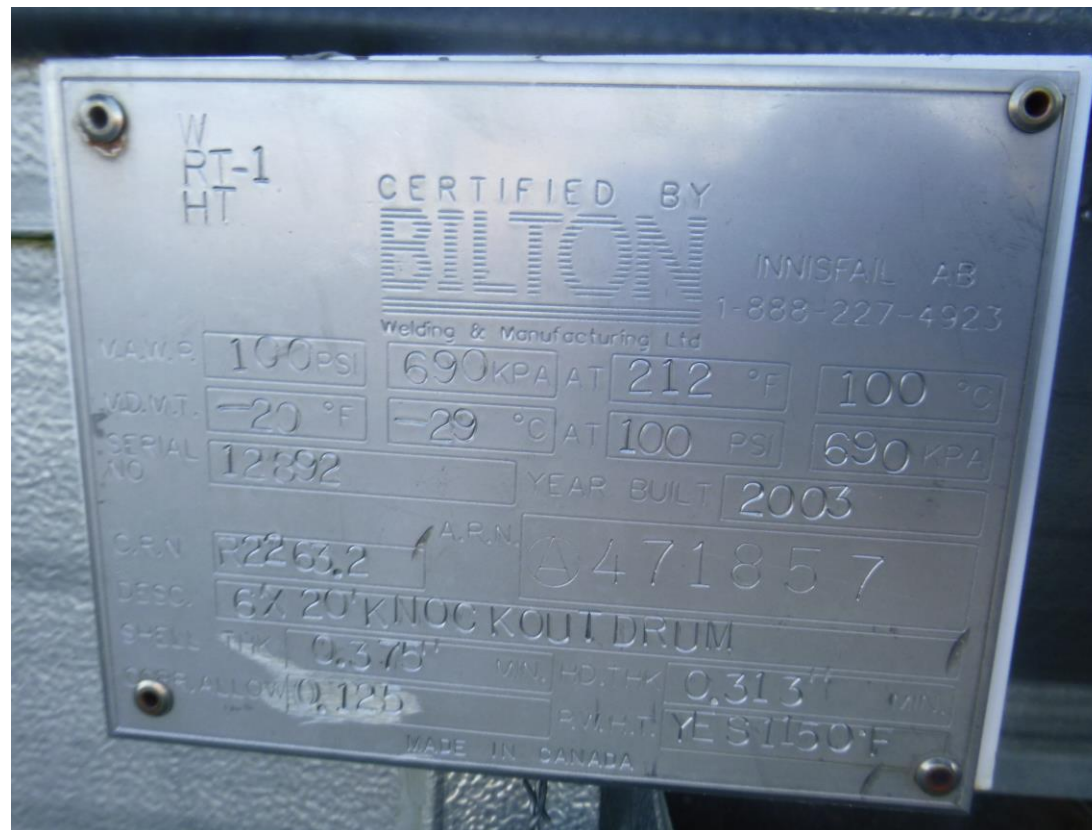
Grade: 1

Insp Interval: 5Y



Notes: *PKG# 59844







ULTRASONIC CORROSION SURVEY

Survey Name: SINOPEC DAYLIGHT ENERGY

Report No.: 91
Survey Date: 10/24/2015

LSD: 03-31-054-22W5 Dwg: 2 Vessel Number: 471857 Manufacturer: BILTON Technician: C. COLEMAN
Downhole LSD: Vessel Name: FLASH TANK Serial Number: 12892 Certification: CGSB / SNT-TC-1A
District Unit: OBED Year Built: 2003 Shell MAWP PSI: 100 MAWT F: 212 UT I / MT II #13265
Location: COMPRESSOR STATION Tag Number: MWS P87287 Tube MAWP PSI: 0 MAWT F: 0
Skid: PKG# 59844 CRN: R 2263.2 Vessel CA: 0.1250

Band	Description		Baseline		Previous		Current		Next Inspection	Nominal	TMIN	ST Loss	LT Loss	Recommended
									Material	CA		MPY	MPY	Retirement
														Date
00	Piping	Ref	2010	0.3540	2010	0.3540	2015	0.3560	2016	0.3370	0.0112	0.0004	0.0004	2035
Shape	90° Elbow	Min		0.3390		0.3390		0.3370	A 234 - WPB	0.0421				
OD	4.5	Avg		0.3450		0.3450		0.3500						
Spec.	B31.3								Comments:					
05	Piping	Ref	2010	0.2090	2010	0.2090	2015	0.2160	2016	0.2370	0.0112	0.0006	0.0006	2035
Shape	90° Elbow	Min		0.2060		0.2060		0.2030	A 234 - WPB	0.0296				
OD	4.5	Avg		0.2120		0.2120		0.2070		Caution				
Spec.	B31.3								Comments:					
10	Piping	Ref	2010	0.1980	2010	0.1980	2015	0.1930	2016	0.2160	0.0087	0.0018	0.0018	2035
Shape	90° Elbow	Min		0.1980		0.1980		0.1890	A 234 - WPB	0.0270				
OD	3.5	Avg		0.2010		0.2010		0.2010						
Spec.	B31.3								Comments:					
15	Piping	Ref	2010	0.3440	2010	0.3440	2015	0.3410	2016	0.3370	0.0112	0.0048	0.0048	2035
Shape	Straight	Min		0.3210		0.3210		0.2970	A 106 - B	0.0421				
OD	4.5	Avg		0.3300		0.3300		0.3230						
Spec.	B31.3								Comments:					



ULTRASONIC CORROSION SURVEY

Survey Name: SINOPEC DAYLIGHT ENERGY

Report No.: 91
Survey Date: 10/24/2015

LSD: 03-31-054-22W5 Dwg: 2 Vessel Number: 471857 Manufacturer: BILTON Technician: C. COLEMAN
Downhole LSD: Vessel Name: FLASH TANK Serial Number: 12892 Certification: CGSB / SNT-TC-1A
District Unit: OBED Year Built: 2003 Shell MAWP PSI: 100 MAWT F: 212 UT I / MT II #13265
Location: COMPRESSOR STATION Tag Number: MWS P87287 Tube MAWP PSI: 0 MAWT F: 0
Skid: PKG# 59844 CRN: R 2263.2 Vessel CA: 0.1250

Band	Description		Baseline			Previous		Current		Next Inspection	Nominal	TMIN	ST Loss	LT Loss	Recommended
									Material	CA		MPY	MPY	Retirement	
														Date	
20	Piping	Ref	2010	0.3450	2010	0.3450	2015	0.3450	2016	0.3370	0.0112	0.0008	0.0008	2035	
Shape	Straight	Min		0.3370		0.3370		0.3330	A 106 - B	0.0421					
OD	4.5	Avg		0.3450		0.3450		0.3420							
Spec.	B31.3								Comments:						
25	Piping	Ref	2010	0.3350	2010	0.3350	2015	0.3360	2016	0.3370	0.0112	0.0000	0.0000	2035	
Shape	Straight	Min		0.3250		0.3250		0.3260	A 106 - B	0.0421					
OD	4.5	Avg		0.3300		0.3300		0.3320							
Spec.	B31.3								Comments:						
30	Piping	Ref	2010	0.2680	2010	0.2680	2015	0.2730	2016	0.3000	0.0087	0.0004	0.0004	2035	
Shape	90° Elbow	Min		0.2670		0.2670		0.2650	A 234 - WPB	0.0375					
OD	3.5	Avg		0.2730		0.2730		0.2920							
Spec.	B31.3								Comments:						
35	Shell	Ref	2010	0.3770	2010	0.3770	2015	0.3780	2016	0.3750	0.2278	0.0008	0.0008	2035	
Shape	Cylindrical	Min		0.3760		0.3760		0.3720	SA 285 - C	0.1250					
OD	72	Avg		0.3780		0.3780		0.3770							
Spec.	VIII Div 1								Comments:						



ULTRASONIC CORROSION SURVEY

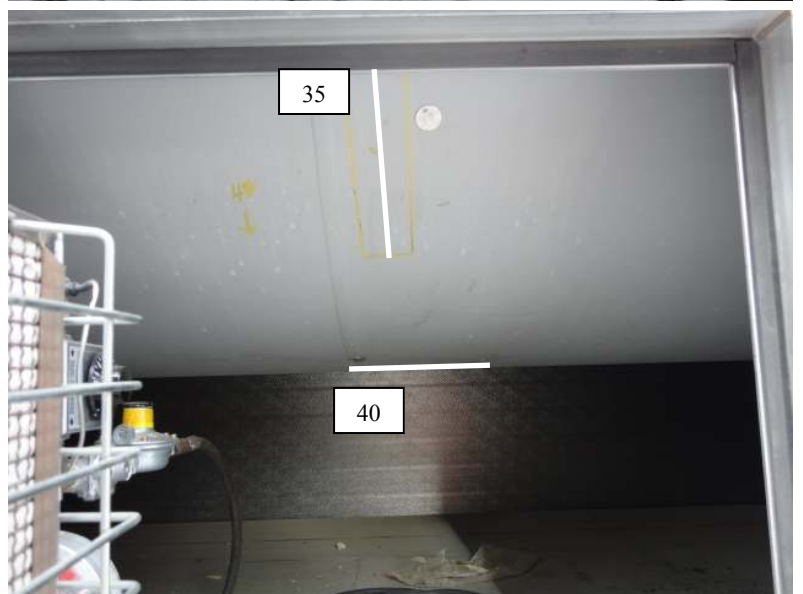
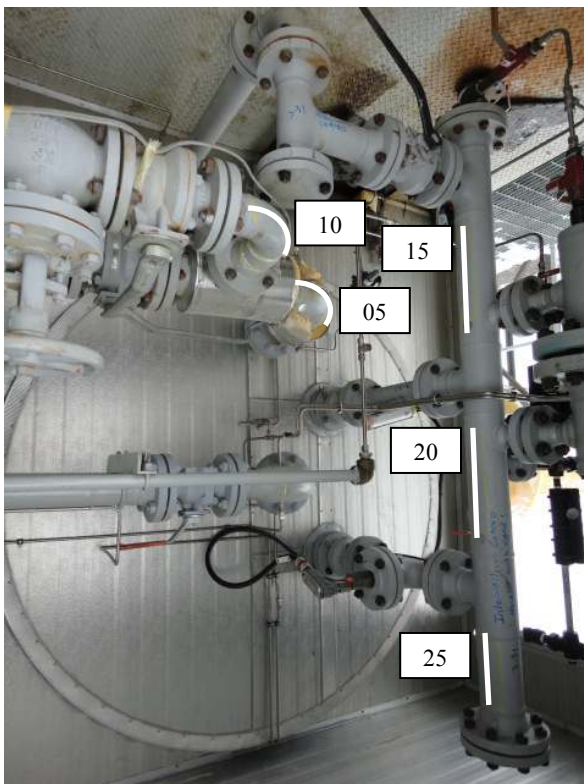
Survey Name: SINOPEC DAYLIGHT ENERGY

Report No.: 91
Survey Date: 10/24/2015

LSD: 03-31-054-22W5 Dwg: 2 Vessel Number: 471857 Manufacturer: BILTON Technician: C. COLEMAN
Downhole LSD: Vessel Name: FLASH TANK Serial Number: 12892 Certification: CGSB / SNT-TC-1A
District Unit: OBED Year Built: 2003 Shell MAWP PSI: 100 MAWT F: 212 UT I / MT II #13265
Location: COMPRESSOR STATION Tag Number: MWS P87287 Tube MAWP PSI: 0 MAWT F: 0
Skid: PKG# 59844 CRN: R 2263.2 Vessel CA: 0.1250

Band	Description					Next Inspection			Nominal	TMIN	ST Loss	LT Loss	Recommended Retirement Date	
			Baseline	Previous	Current	Material	CA	MPY	MPY					
40	Shell	Ref	2010	0.3750	2010	0.3750	2015	0.3690	2016	0.3750	0.2278	0.0014	0.0014	2035
Shape	Cylindrical	Min		0.3750		0.3750		0.3680	SA 285 - C	0.1250				
OD	72	Avg		0.3750		0.3750		0.3700						
Spec.	VIII Div 1								Comments:					

Comments:



Name:	Flash Tank	MAWP:	100psi
A#:	471857	Temperature:	212°F
SN:	12892	Head Material:	N/A
CRN:	R 2263.2	Head Thickness:	0.313"
LSD:	03-31-54-22 W5M	Shell Material:	N/A
Location:	Obed Compressor Station	Shell Thickness:	0.375"
Corrosion Allowance:	0.125"	Year Built:	2003
Size:	72.00" OD	Manufacturer:	Bilttons Welding
Notes:	*Vessel is insulated, limited access to shell due to confined space entry requirements.		