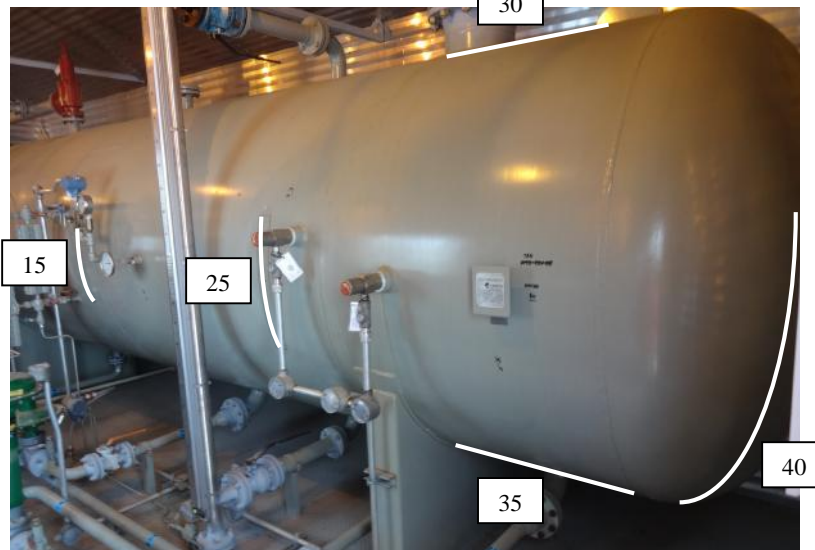


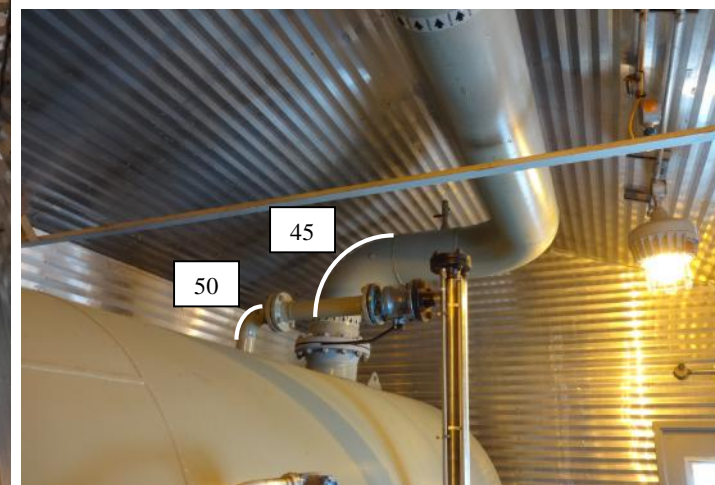
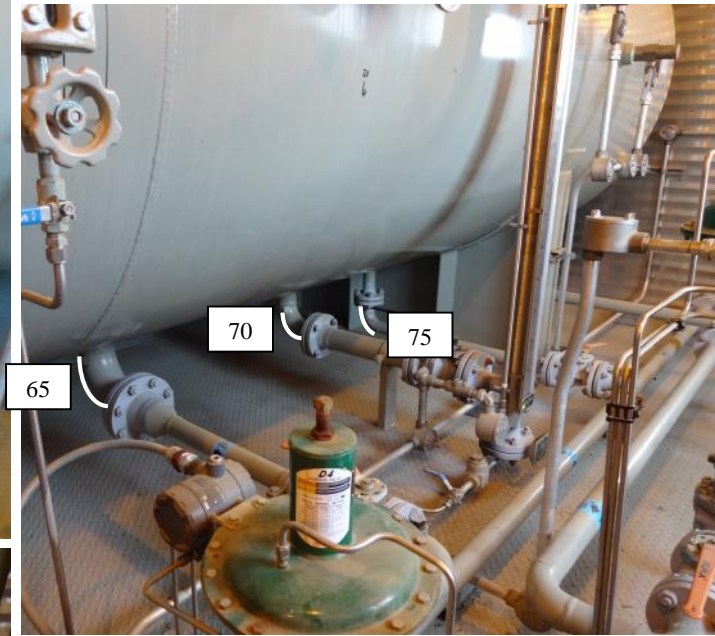
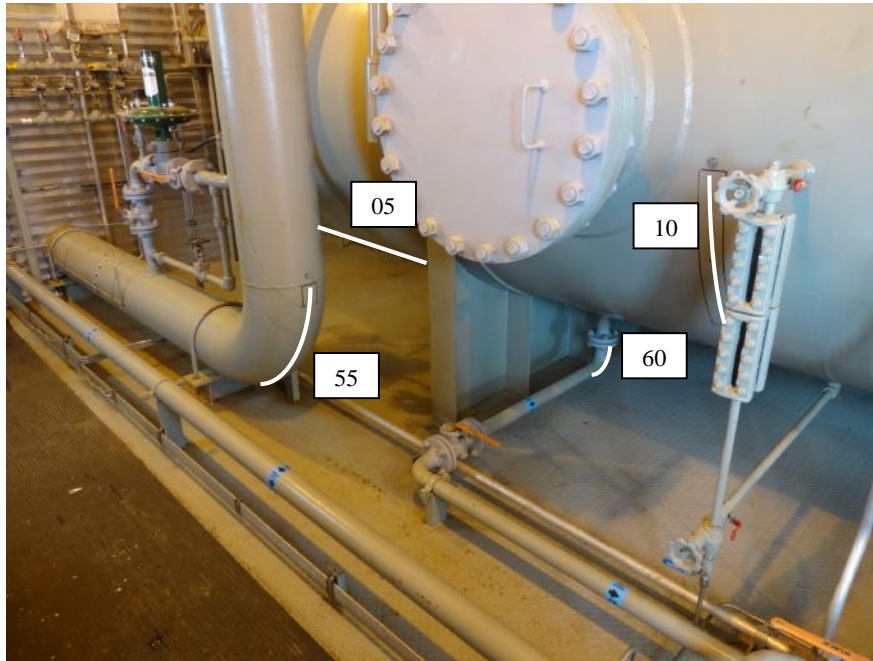


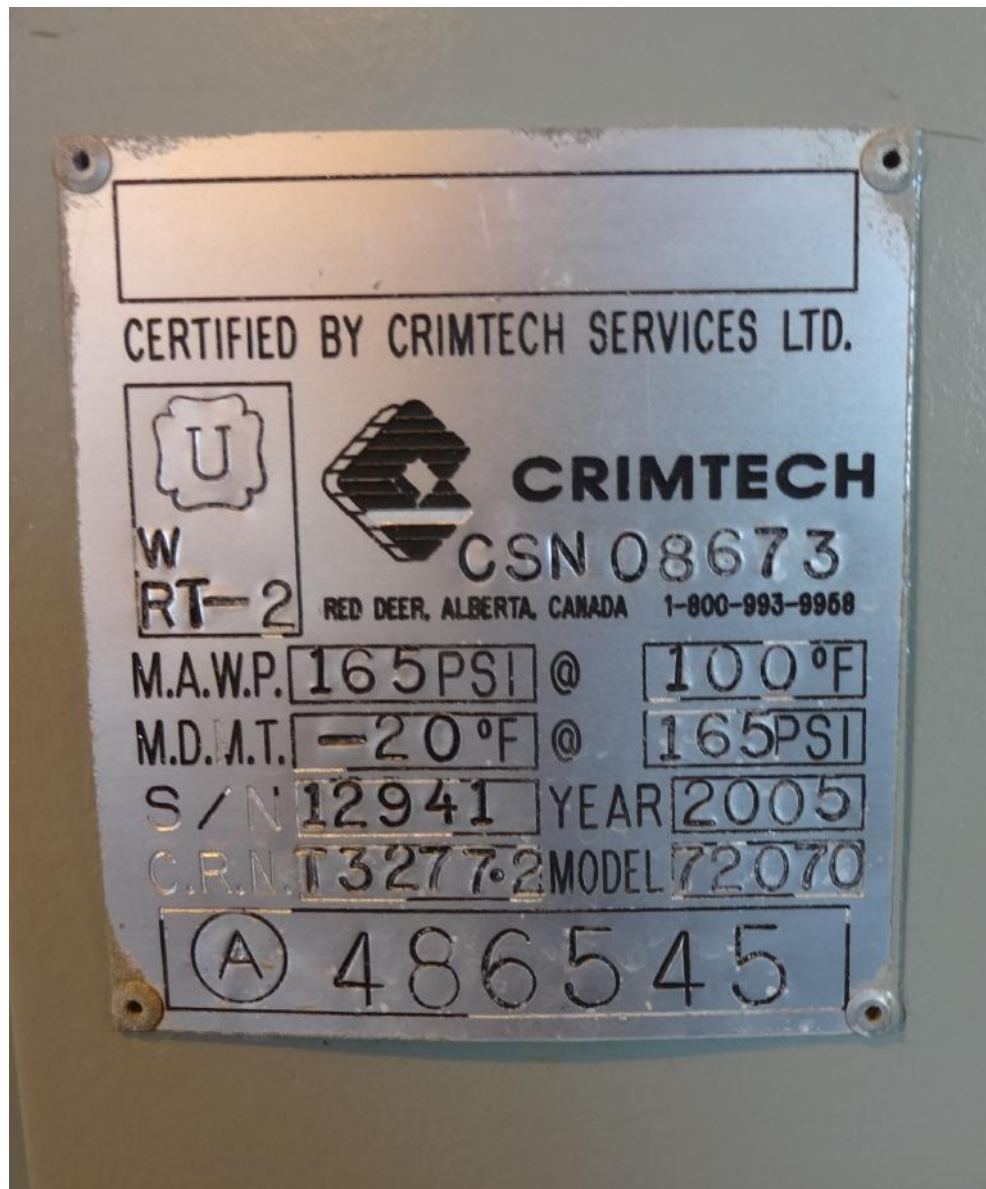
Vessel Static Data:

Name:	Inlet Separator
A#:	486545
Serial Number:	12941
CRN:	T 3277.2
LSD:	13-31-033-20 W4M
Location:	Rumsey North Plant
CA:	0.0625"
Size:	72.00" ID
MAWP:	165psi
Temp:	100°F
Head Material:	SA-516-70
Head Nominal:	0.4375"
Shell Material:	SA-516-70
Shell Nominal:	0.500"
Year Built:	2005
Manufacturer:	Crimtech
Tag #	3192-SE-01



Notes: *Skid# TEC 3192





CERTIFIED BY CRIMTECH SERVICES LTD.



CRIMTECH

CSN 08673

RED DEER, ALBERTA, CANADA 1-800-993-9958

M.A.W.P. 165PSI @ 100°F

M.D.M.T. -20°F @ 165PSI

S/N 12941 YEAR 2005

C.R.N. T3277.2 MODEL 72070

Ⓐ 486545



ULTRASONIC CORROSION SURVEY

Survey Name: TRIDENT EXPLORATION

Report Number: 91

Survey Date: 3/3/2014

LSD: 13-31-033-20W4 Dwg: 40 Vessel Number: 486545 Manufacturer: CRIMTECH Inspector: T. BAITON
 Downhole LSD: Vessel Name: INLET SEPARATOR Serial Number: 12941
 District Unit: RUMSEY NORTH Year Built: 2005 Shell MAWP PSI: 165 MAWT F: 100
 Location: GAS PLANT Tag Number: 3192-SE-01 Tube MAWP PSI: 0 MAWT F: 0
 Skid: TEC 3192 CRN: T 3277.2 Vessel CA: 0.0625

Band	Description		Baseline	Previous	Current	Next Inspection	Nominal	TMIN	ST Loss	LT Loss	Recommended			
						Material	CA		MPY	MPY	Retirement			
											Date			
00	- Head	Ref	2009	0.4990	2009	0.4990	2014	0.5000	2015	0.4375	0.2936	0.0000	0.0000	2034
Shape	Ellipsoidal	Min		0.4950		0.4950		0.4950	SA 516 - 70	0.0625				
ID	72	Avg		0.5000		0.5000		0.4990						
Spec.	VIII Div 1								Comments:					
05	- Shell	Ref	2009	0.5140	2009	0.5140	2014	0.5160	2015	0.5000	0.2943	0.0012	0.0012	2034
Shape	Cylindrical	Min		0.5080		0.5080		0.5020	SA 516 - 70	0.0625				
ID	72	Avg		0.5140		0.5140		0.5050						
Spec.	VIII Div 1								Comments:					
10	- Shell	Ref	2009	0.5230	2009	0.5230	2014	0.5230	2015	0.5000	0.2943	0.0006	0.0006	2034
Shape	Cylindrical	Min		0.5180		0.5180		0.5150	SA 516 - 70	0.0625				
ID	72	Avg		0.5260		0.5260		0.5210						
Spec.	VIII Div 1								Comments:					
15	- Shell	Ref	2009	0.5110	2009	0.5110	2014	0.5090	2015	0.5000	0.2943	0.0006	0.0006	2034
Shape	Cylindrical	Min		0.5070		0.5070		0.5040	SA 516 - 70	0.0625				
ID	72	Avg		0.5110		0.5110		0.5080						
Spec.	VIII Div 1								Comments:					



ULTRASONIC CORROSION SURVEY

Survey Name: TRIDENT EXPLORATION

Report Number: 91
Survey Date: 3/3/2014

LSD: 13-31-033-20W4 Dwg: 40 Vessel Number: 486545 Manufacturer: CRIMTECH Inspector: T. BAITON
 Downhole LSD: Vessel Name: INLET SEPARATOR Serial Number: 12941
 District Unit: RUMSEY NORTH Year Built: 2005 Shell MAWP PSI: 165 MAWT F: 100
 Location: GAS PLANT Tag Number: 3192-SE-01 Tube MAWP PSI: 0 MAWT F: 0
 Skid: TEC 3192 CRN: T 3277.2 Vessel CA: 0.0625

Band	Description		Baseline	Previous	Current	Next Inspection	Nominal	TMIN	ST Loss	LT Loss	Recommended
						Material	CA		MPY	MPY	Retirement
											Date
20	- Shell	Ref	2009 0.5430	2009 0.5430	2014 0.5410	2015	0.5000	0.2943	0.0002	0.0002	2034
Shape	Cylindrical	Min	0.5380	0.5380	0.5370	SA 516 - 70	0.0625				
ID	72	Avg	0.5450	0.5450	0.5430						
Spec.	VIII Div 1					Comments:					
25	- Shell	Ref	2009 0.5530	2009 0.5530	2014 0.5490	2015	0.5000	0.2943	0.0006	0.0006	2034
Shape	Cylindrical	Min	0.5510	0.5510	0.5480	SA 516 - 70	0.0625				
ID	72	Avg	0.5540	0.5540	0.5480						
Spec.	VIII Div 1					Comments:					
30	- Shell	Ref	2009 0.5450	2009 0.5450	2014 0.5420	2015	0.5000	0.2943	0.0004	0.0004	2034
Shape	Cylindrical	Min	0.5440	0.5440	0.5420	SA 516 - 70	0.0625				
ID	72	Avg	0.5470	0.5470	0.5440						
Spec.	VIII Div 1					Comments:					
35	- Shell	Ref	2009 0.5350	2009 0.5350	2014 0.5340	2015	0.5000	0.2943	0.0002	0.0002	2034
Shape	Cylindrical	Min	0.5250	0.5250	0.5240	SA 516 - 70	0.0625				
ID	72	Avg	0.5310	0.5310	0.5310						
Spec.	VIII Div 1					Comments:					



ULTRASONIC CORROSION SURVEY

Survey Name: TRIDENT EXPLORATION

Report Number: 91
Survey Date: 3/3/2014

LSD: 13-31-033-20W4 Dwg: 40 Vessel Number: 486545 Manufacturer: CRIMTECH Inspector: T. BAITON
 Downhole LSD: Vessel Name: INLET SEPARATOR Serial Number: 12941
 District Unit: RUMSEY NORTH Year Built: 2005 Shell MAWP PSI: 165 MAWT F: 100
 Location: GAS PLANT Tag Number: 3192-SE-01 Tube MAWP PSI: 0 MAWT F: 0
 Skid: TEC 3192 CRN: T 3277.2 Vessel CA: 0.0625

Band	Description		Baseline	Previous	Current	Next Inspection	Nominal	TMIN	ST Loss	LT Loss	Recommended
						Material	CA		MPY	MPY	Retirement
											Date
40	- Head	Ref	2009 0.5010	2009 0.5010	2014 0.4980	2015	0.4375	0.2936	0.0010	0.0010	2034
Shape	Ellipsoidal	Min	0.4970	0.4970	0.4920	SA 516 - 70	0.0625				
ID	72	Avg	0.5000	0.5000	0.4980						
Spec.	VIII Div 1					Comments:					
45	- Piping	Ref	2009 0.3970	2009 0.3970	2014 0.3840	2015	0.3750	0.0524	0.0000	0.0000	2034
Shape	90° Elbow	Min	0.3550	0.3550	0.3600	A 234 - WPB	0.0469				
OD	12.75	Avg	0.3850	0.3850	0.3900						
Spec.	B31.3					Comments:					
50	- Nozzle	Ref	2009 0.2830	2009 0.2830	2014 0.2820	2015	0.3000	0.0141	0.0000	0.0000	2034
Shape	90° Elbow	Min	0.2750	0.2750	0.2770	SA 234 - WPB	0.1000				
OD	3.5	Avg	0.2870	0.2870	0.2980						
Spec.	VIII Div 1					Comments:					
55	- Piping	Ref	2009 0.3780	2009 0.3780	2014 0.3730	2015	0.3750	0.0524	0.0000	0.0000	2034
Shape	90° Elbow	Min	0.3370	0.3370	0.3420	A 234 - WPB	0.0469				
OD	12.75	Avg	0.3830	0.3830	0.3610						
Spec.	B31.3					Comments:					



ULTRASONIC CORROSION SURVEY

Survey Name: TRIDENT EXPLORATION

Report Number: 91
Survey Date: 3/3/2014

LSD: 13-31-033-20W4 Dwg: 40 Vessel Number: 486545 Manufacturer: CRIMTECH Inspector: T. BAITON
 Downhole LSD: Vessel Name: INLET SEPARATOR Serial Number: 12941
 District Unit: RUMSEY NORTH Year Built: 2005 Shell MAWP PSI: 165 MAWT F: 100
 Location: GAS PLANT Tag Number: 3192-SE-01 Tube MAWP PSI: 0 MAWT F: 0
 Skid: TEC 3192 CRN: T 3277.2 Vessel CA: 0.0625

Band	Description		Baseline	Previous	Current	Next Inspection	Nominal	TMIN	ST Loss	LT Loss	Recommended
						Material	CA		MPY	MPY	Retirement
											Date
60	- Piping	Ref	2009 0.2230	2009 0.2230	2014 0.2220	2015	0.2180	0.0098	0.0000	0.0000	2034
Shape	90° Elbow	Min	0.2070	0.2070	0.2080	A 234 - WPB	0.0272				
OD	2.375	Avg	0.2200	0.2200	0.2160						
Spec.	B31.3					Comments:					
65	- Nozzle	Ref	2009 0.4930	2009 0.4930	2014 0.4940	2015	0.4380	0.0176	0.0016	0.0016	2034
Shape	90° Elbow	Min	0.4700	0.4700	0.4620	SA 234 - WPB	0.1172				
OD	4.5	Avg	0.4980	0.4980	0.4930						
Spec.	VIII Div 1					Comments:					
70	- Nozzle	Ref	2009 0.3070	2009 0.3070	2014 0.3040	2015	0.3000	0.0141	0.0004	0.0004	2034
Shape	90° Elbow	Min	0.2950	0.2950	0.2930	SA 234 - WPB	0.1000				
OD	3.5	Avg	0.3110	0.3110	0.3020						
Spec.	VIII Div 1					Comments:					
75	- Piping	Ref	2009 0.2190	2009 0.2190	2014 0.2240	2015	0.2180	0.0098	0.0000	0.0000	2034
Shape	90° Elbow	Min	0.2030	0.2030	0.2040	A 234 - WPB	0.0272				
OD	2.375	Avg	0.2200	0.2200	0.2320						
Spec.	B31.3					Comments:					



ULTRASONIC CORROSION SURVEY

Survey Name: TRIDENT EXPLORATION

Report Number: 91

Survey Date: 3/3/2014

LSD: 13-31-033-20W4 Dwg: 40 Vessel Number: 486545 Manufacturer: CRIMTECH Inspector: T. BAITON
 Downhole LSD: Vessel Name: INLET SEPARATOR Serial Number: 12941
 District Unit: RUMSEY NORTH Year Built: 2005 Shell MAWP PSI: 165 MAWT F: 100
 Location: GAS PLANT Tag Number: 3192-SE-01 Tube MAWP PSI: 0 MAWT F: 0
 Skid: TEC 3192 CRN: T 3277.2 Vessel CA: 0.0625

Band	Description		Baseline	Previous	Current	Next Inspection	Nominal	TMIN	ST Loss	LT Loss	Recommended
						Material	CA		MPY	MPY	Retirement
											Date
80	- Nozzle	Ref	2009 0.4750	2009 0.4750	2014 0.4640	2015	0.4380	0.0176	0.0000	0.0000	2034
Shape	90° Elbow	Min	0.4560	0.4560	0.4560	SA 234 - WPB	0.1172				
OD	4.5	Avg	0.4690	0.4690	0.4670						
Spec.	VIII Div 1					Comments:					

STATIC EQUIPMENT INSPECTION REPORT - Exhibit # 300a

COMPANY: TRIDENT EXPLORATION **E-TEGRITY JOB #:** _____

District: ALBERTA Facility: RUMSEY NORTH PLANT Lsd 13-31-33-20-W4M Skid: TEC 3192

Item Insp.: HORIZONTAL INLET SEPARATOR

VESSEL DATA

Equip#: 3192-SE-01 Serial #: 12941 ABSA#: 486545 CRN #: T3277.2

Manuf: CRIMTECH Code/Div.: ASME VIII DIV1 Para: _____ Code Stamp: U

Yr. Built: 2005 Size: 72" OD X 240" S/S Actual Est. Insulated: NO

Service: SWEET PWHT: NO R.T.: 2 Repairs: NONE

Nominal Thickness & Material

Top Head: N/A Material: C.A. Reasons: _____

Bottom Head: N/A _____

Shell: N/A _____ Status: IN SERVICE

Shell: N/A _____ OUT OF SERVICE

Tube: N/A _____ Manway: YES NO

Reason for Inspection

- PLANNED - IN SERVICE
- PROBLEM INVESTIGATION
- PROCESS CHANGE
- COMMISSIONING

Operating Pres: 12PSI Operating Temp: 48F

MAWP Shell: 165 Psi kPa Temp: 100 F C

MAWP Tube: _____ Psi kPa Temp: _____ F C

Comments: _____

PSV INFORMATION

Location: Above inlet Sep. A0486545 S S **S = SHELL SIDE**

Manufacturer: Farris T T **T = TUBE SIDE**

Serial #: 485018-3-A10 P P **P = PIPING**

PSV #: 3192-PSV-SE-01

CRN: OG8442.5C

Model: 26LA-10-120

Set Press: 165 PSI

Capacity: 9782 SCFM

Status: INSERVICE

Inlet Size (mm): 3"

Outlet Size (mm): 4"

Conn Type (F/T): FLANGE

Serviced By: UNIFIED VALVE

Last Service Date: 5/29/2013

Inlet Isolation valves sealed open: N/A

YES NO

Outlet Isolation valves sealed open: N/A

YES NO

X

Software required, please download from http://www.arx.com

Inspection Requested By: CLINT PRASKI Inspection Date: MAR 3 2014

Inspection Performed By: TYLER BAITON Certification # CGSB# 15201

Chief Inspector: TERRY MCCONNELL Certification #: _____

EXTERNAL VISUAL INSPECTION

486545

Remedial Action

- No Action Required**
- Paint Repairs
- Repair Weld - S.R.
- Repair Weld - No S.R.
- Grind Out
- See Comments

Access & Coverage

- Poor Cleaning
- Partial Int. Inspection
- External Inspection
- NDE Inspection
- M UT
- R BH
- PT Other _____

Other

- See Comments
- Ground Cable N
- Ladders/Handrail/
Walkway Damage
- Nameplate Secure N
- Nameplate N
- See Attached Pictures

- TOP
- BOTTOM

- Good Condition
- External Corr.
- Pitted - Light
- Pitted - Severe
- Scaled - Light
- Scaled - Heavy
- Blistered
- N/A Insulated

Nozzles

- Good Condition
- Cracked
- Scaled
- Plugged
- Poor Welding
- Leaking
- Seal Face Corrosion
- Bolts Missing/Loose/
Damage
- Partial Int. Inspection

External Protection

- Good Condition
- Fireproofing Cracked
- Insulation Damaged
- Paint Deteriorated
- Corrosion Under
Insulation (CUI)
- Asbestos YES
 NO
- Insulated YES
 NO

Welds

- Good Condition
- Corroded
- Cracked
- Broken
- Poor Quality

Supports

- Good Condition
- Distorted
- Cracked
- Broken
- Poor Installation
- Bolts Missing/
Loose/Damaged
- Support Ring
Damaged
- N/A

- ## Heads
- TOP
 - NORTH
 - WEST

- ## Heads
- BTM
 - SOUTH
 - EAST

Pressure Gauge

- Glass Intact
 - YES
 - NO
- Within Operating Limits
 - YES
 - NO
- Obvious Leaks
 - YES
 - NO

Vessel Repad

- N/A
- Vent Holes
 - 1
 - 2
- Plugged
 - YES
 - NO

PIPING - PSV

- Good Condition
- External Corrosion
- Pitted
- Supported
- Welded
- Threaded Fittings
- Deadlegs

PIPING - INLET

- Good Condition
- External Corrosion
- Pitted
- Supported
- Welded
- Threaded Fittings
- Deadlegs

PIPING - OUTLET/DRAIN

- Good Condition
- External Corrosion
- Pitted
- Supported
- Welded
- Threaded Fittings
- Deadlegs

EXTERNAL VISUAL INSPECTION

486545

OBSERVATIONS:

- Vessel is in Good Condition
- API 510 External Inspection confirmed the equipment is fit for continued service
- NOT FIT FOR SERVICE, DETAILS BELOW

VESSEL IS IN "AS NEW" CONDITION.

RECOMMENDATIONS:

PICTURES:

