



Pressure Vessel Visual External Inspection Form

District	Grande Prairie	Field	Smokey Field	LSD:	05-19-58-02 w6m	Date	Feb. 25, 2014
Equipment #	399355	Equipment Name		Line Heater		Inspector	Steve Utz

A # / Unit #	516659	Service	MAWP (kPa)	@ Temp (°C)
CRN #	F3325.231/F3319.231	Shell Side		
MFG Serial #	5971-2	Tube Side	23270 / 9308	93
PSV Tag #	n/a	Set Pressure (kPa)		Service Date

Item Observed	Good	Requires Repair	N/A	Comments
Name Plate				
Accessible, securely mounted, legible	x			Secure and legible.
Insulation				
Sealed around manways, nozzles, etc	x			Appears to be well sealed.
No damage to cladding	x			Cladding is in fair condition.
No moisture present underneath			x	No access
External Vessel Surface				
Paint (peeling, blistering)	x			Paint is in good condition with no significant damage.
No corrosion or cracking	x			No visible damage.
No hot spots, blisters or bulges	x			No visible damage.
No mechanical damage (dents, etc)	x			No visible damage.
Check for CUI if applicable			x	No access for CUI inspection.
Leakage				
No signs of leakage at flanges, threaded connections, weepholes, etc	x			No visible leaks.
Skirt/Saddle				
Paint, fire protection, concrete	x			No visible damage.
No signs of corrosion, dents, buckling	x			No visible damage.
Attachment welds	x			No visible damage.
Grounding connection			x	Ground cable is cut.
Anchor Bolts				
Hammer tap to ensure secure	x			Anchor Bolts are present, tight with no damage visible.
No cracking in threads or signs of deformation	x			
Concrete Foundation				
No cracks or spalling, deterioration			x	No concrete.
Ladder/Platform				
Support is secure	x			Appears secure, no damage visible.
Attachment clips, welds and bolts	x			Appears secure, no damage visible.
Any hazards present	x			
Nozzles				
No signs of leakage, damage, deflection	x			No damage, leaks or deflections.
External Piping				
Proper supports in place	x			All piping appears well supported.
Paint condition	x			Paint is in fair condition.
No signs of damage, structural overload, etc	x			No visible damage or signs of overload.
Manways/Quick Release Closures/Davits				
No signs of cracking or mechanical damage			x	No manway.
No loose bolts or damage to swing arm			x	
Gauges				
Visible, functioning, no sign of leakage			x	No gauges.
Suitable range for MAWP/Temp			x	
Valving				
Properly supported and chained			x	No valves.
No visible leaks			x	
PSV				
Set pressure less than or equal to MAWP			x	No PSV
Valves between vessel and PSV carsealed open			x	
Vibration				
No vibration			x	Not in service
NDE				
Sufficient TMLs for corrosion mechanisms	x			
NDE completed, if required	x			See UTS drawing #1

Recommendations or Follow-Up Actions Required?

Line heater has been disconnected, is not in service.

Inspector's Signature (with date):

Steve Utz UT2 # 12119  Feb. 25, 2014

data plate



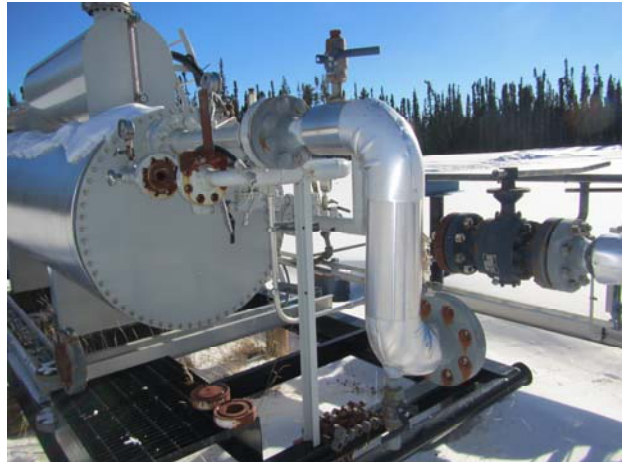
Ground Cables Cut



id tag



overview (1)



overview (2)

