

Day Consulting Inc.		<b>External Visual Inspection</b>			63-33 Donlevy Avenue, Red Deer, AB, Phone 403-396-2127											
<b>Location:</b> 9 - 34 - 53 - 20 W 5 M		(A) 590523		<b>Date:</b> 20-Sep-17												
<b>Sub Facility:</b> West Group Separator		<b>Manufacturer's Serial Number:</b> 929159		<b>Year Built:</b> 2009	<b>Client:</b> Peyto Exploration and Development Corp. <b>Galloway</b>											
<b>MAWP@Temp / MDMT / RT/HT:</b> 720psi @100F -20F RT-1		<b>Tag Number:</b> <b>Equipment:</b> Horizontal Separator			<b>CRN:</b> V0349.2											
G=Good F=Fair P=Poor N/A=Not Applicable		G F P N/A		Comments												
<b>Insulation</b> - Verify sealed around manways, nozzles, no damage present, and there is no egress of moisture. Are straps secure?		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>											
<b>Vessel Extends through the building wall?</b> (caulking seal?)		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>												
<b>External Condition</b> - Assess paint condition, areas peeling, record any corrosion, damage, distortion etc. (record location, size and depth of corrosion or damage) Condensation issues?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Paint is 90%											
<b>Flanges and Threaded Joints</b> - Record any leakage at joints, threaded connections, etc. Flange misalignment? Flange hardware damage?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>											
<b>Skirt/Saddle</b> - Assess condition of paint, fire protection, concrete. Look for corrosion, buckling, dents, etc. Look at vessel surface area near supports. Verify no signs of leakage at attachment to vessel and attachment welds		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>											
<b>Access to bottom Head for UT?</b> (Assess)		Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>	Existing Access is: <input type="checkbox"/> Good <input type="checkbox"/> Adequate <input type="checkbox"/> Poor											
<b>Is ground wire attached?</b> (Directly to the vessel?)		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		Vessel is not graduated											
<b>Anchor Bolts</b> - Visually confirm all fasteners. Look for corrosion, cracking in threads or signs of deformation. You can "hammer tap" to ensure secure.		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Hour hex bolts installed											
<b>Welded to the Floor?</b>		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>													
<b>Concrete Foundation</b> - Check for cracks, spalling, etc.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>											
<b>Installed on Piles?</b> (The skid or vessel?)		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>													
<b>Ladder/Platform</b> - Describe general condition, ensure support is secure to vessel, describe any hazards.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>											
<b>Nozzle</b> - Assess paint, look for leakage, and ensure stud threads are fully engaged. Record any damage, deflection, etc. Are nozzles gusseted? Inspect gussets for cracking. Any leaks or seepage from weep holes on		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>											
<b>Weep Hole(s) are clear on repad(s)?</b>		Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>												
<b>Gauges</b> - Ensure gauges are visible, working, no leakage, and suitable for range of MAWP/Temp.		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>											
<table border="0" style="width:100%; font-size: small;"> <tr> <td style="width: 20%;">9c</td> <td style="width: 20%; text-align: center;">Temperature</td> <td style="width: 20%; text-align: center;">180psi</td> <td style="width: 20%; text-align: center;">Pressure</td> <td style="width: 20%; text-align: center;">PI</td> </tr> <tr> <td></td> <td style="text-align: center;">←</td> <td></td> <td style="text-align: center;">←</td> <td style="text-align: center;">TI</td> </tr> </table>		9c	Temperature	180psi	Pressure	PI		←		←	TI	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>			
9c	Temperature	180psi	Pressure	PI												
	←		←	TI												
<b>External Piping</b> - Ensure pipe is well supported. All clamps, supports, shoes, etc. in place. Look for evidence of structural overload, deflection, etc. Paint condition, external corrosion?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>											
<b>Valving</b> - Ensure no leaks are visible. Valves are properly supported and chained if necessary.		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>											
<b>Vessel Nameplate:</b> accessible, securely mounted, legible?		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>													
<b>Manways:</b> present or acceptable access? Condition of flange and davit?		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>													
<b>Vibration:</b> Vibration affecting Pressure Equipment Integrity?		Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>													
<b>NDE Methods</b> - Was UT, Shear Wave, AUT, MPI, PT done on the vessel with this VT Ext Inspection? Include any vibration analysis done for compressor vessels.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>											
<b>PRD</b> - Are PRD seals in place? Ensure no block valves between PRD and vessel, or if there are that they are locked/sealed open. Any PRD Non-conformances?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>											
<b>PRD</b> - Is the outlet piping the same size or larger than PRD outlet on the valve? Is properly supported and routed to a safe location?		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>													
<b>PRD</b> - Is the PRD set at pressure at or below that of the MAWP?		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>													
<b>Serial #</b> 536366-1-A10		<b>CRN</b> 0G8441.5C														
<b>PRD Manufacturer</b> FARRIS		<b>Set Pressure</b> 720 psi														
<b>Capacity</b> 40220 SCFM		<b>Model/Part Number</b> 26LA12-120														
<b>Inlet Size</b> 4" NPT		<b>Outlet Size</b> 6" NPT														
<b>Last Service</b> 23-Mar-15		<b>Last Serviced By</b> Wizard Valve														
<b>Next Service</b> 23-Mar-20		<b>Tag Number</b>														
HLSD <input type="checkbox"/>		LLSD <input type="checkbox"/>		HPSD <input type="checkbox"/>		LPSD <input type="checkbox"/>										
Hi/LoPSD <input type="checkbox"/>																
<b>Recommendations Notes or Follow-Up Necessary? Set a task for this vessel?</b>																
Inspection includes: Water bridle A 0590474 Sn 929180 CRN U9547.54 HC bridle MagTech Sn 13959K CRN 0F1335.2																
This vessel is acceptable for continued service under existing conditions.																
<b>DCI Quality/Technical Manager:</b> Bill Day		<b>Accept and Approve:</b> (Sign)		<b>ISI Certification Number:</b> 000232												