

GENERAL INSPECTION FORM						
District: Northern Plains			Skid No. : 16830			
Facility: Hamburg Compressor Station			Location (LSD) Surface: 10-16-97-10 W6M			
Vessel Name & Equipment Number: Blowcase						
Orientation: Horizontal <input type="checkbox"/> or Vertical <input checked="" type="checkbox"/>			Location (LSD) Downhole:			
Status: In Service <input checked="" type="checkbox"/> or Out of Service (blinded / fully isolated) <input type="checkbox"/>			Commissioning Inspection <input type="checkbox"/> or Regulatory Inspection <input checked="" type="checkbox"/>			
PRESSURE VESSEL NAMEPLATE DATA						
"A" or "G" or "S" (Sask.) or BC Registration Number.  <b>A 465108</b>			CRN Number  <b>P-3410.2</b>			
Vessel serial number: VS-10369			Size (diameter x length- estimate if necessary): 24in x 8ft			
Shell thickness: 31.8mm			Shell material: SA-516-70N			
Head thickness: 30.4mm			Head material: SA-516-70N			
Tube wall thickness:			Tube material:			
Tube diameter:			Tube length:			
Channel thickness:			Channel material:			
MAWP	Shell: 1350 Psi		Operating pressure	Shell:		
	Tubes:			Tubes:		
Design Temp.	Shell: 200 F		Operating temperature	Shell:		
	Tubes:			Tubes:		
X-ray: RT-1			Heat treatment? No			
Code parameters: ASME VIII, Div 1			Joint efficiency (if on nameplate):			
Manufacturer: Larsen & D'Amico			Year built: 2001			
Corrosion allowance: 1.6 mm			Manway? No			
PRESSURE SAFETY VALVE NAMEPLATE DATA						
Tag Number(s)	Set Pressure	CRN #	Manufacturer/ Model / Serial / Code Stamp	Capacity (Scfm)	Size (Inlet x Outlet)	Set Date (mm/dd/yyyy)
Shell Side G# 708222	9308 kPa	OG0201.2C	Crosby, 972103MA, SN# SE-25660-2 UV	5258	1" MNPT X 1.5" FNPT	9/2005
Tube Side G#						
SERVICE CONDITIONS-INDICATE ALL THAT APPLY						
Sweet <input checked="" type="checkbox"/>	Sour <input type="checkbox"/>		Oil <input checked="" type="checkbox"/>	Gas <input checked="" type="checkbox"/>	Water <input checked="" type="checkbox"/>	
Amine <input type="checkbox"/>	LPG <input type="checkbox"/>		Condensate <input checked="" type="checkbox"/>	Air <input type="checkbox"/>	Glycol <input type="checkbox"/>	
Other (Describe):						

Inspection Interval \_\_\_\_\_ PSV Service Interval \_\_\_\_\_  
 (Determined by integrity specialist in conjunction with Chief Inspector following guidelines of ConocoPhillips Canada Owner-User Inspection Program)  
 Reports reviewed and accepted by:

Integrity Specialist \_\_\_\_\_ Date \_\_\_\_\_  
 Fill out all forms as completely as possible. All information is important! Use back of sheets to record additional information or sketch if required.

External Inspection Items	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?				X	
<b>External Condition</b> Assess paint condition, areas peeling, record any corrosion, damage, distortion etc (record location, size and depth of corrosion or damage)	X				Shell appears to be in good clean condition. No scratches or peeling of paint surface
<b>Leakage</b> Record any leakage at flanges, threaded joints, weep holes on repads, etc.				X	
<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 are acceptable. Is ground wire attached?	X				Skirt is seal welded to lower head, weld is full and complete.
<b>Anchor Bolts</b> Hammer tap to ensure secure. Look for corrosion, cracking in threads or signs of deformation.	X				Foundation bolts all in place and secure.
<b>Concrete foundation</b> Check for cracks, spalling, etc.				X	
<b>Ladder / Platform</b> Describe general condition, ensure support is secure to vessel, describe any hazards.				X	
<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.	X				All nozzles are clean with no visible deflection noted. Paint condition is good.
<b>Gauges</b> Ensure gauges are visible, working, no leakage, and suitable for range of MAWP/ Temp.	X				Acceptable pressure range.
<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?	X				All external piping is well supported with no visible deflection or signs of any leakage present at time of inspection.
<b>Valving</b> Ensure no leaks are visible. Valves are properly supported and chained if necessary.	X				All good
<b>PSV</b> Ensure PSV is set at pressure at or below that of vessel. Discharge piping is same size as valve outlet and is properly supported and routed. Are PSV seals in place? Ensure no block valves between PSV and vessel, or if there are ensure they are locked/sealed open.	X				PSV set at vessel MAWP.
<b>NDE methods</b> Was UT/ MPI done on vessel	X				Ultrasonic thickness inspection carried out – no metal thickness detected below nominal minus corrosion allowance.
<b>Other Observations:</b>					
<b>Recommendations:</b> No recommendations at this time.					
<b>Summary:</b> This vessel is in good condition, visual external and ultrasonic thickness inspection carried out – no metal thickness detected below nominal minus corrosion allowance.					

Inspected By: Jerald Zaderey Date: August 1, 2008  
(Please Print)

Photo Table



Nameplate



Vessel External Over View



Building Skid #