


Enerplus Resources Visual External Inspection Report – Pressure Vessels

<input type="checkbox"/> Installation		<input checked="" type="checkbox"/> External		AI FR 023											
Date:		May 27, 2015			Description:		<input checked="" type="checkbox"/> Vessel <input type="checkbox"/> Exchanger <input type="checkbox"/> Boiler			E#		48859			
Inspector:		John David Kobelsky			Equipment Name:		Inlet Separator			CRN#		P3264.213			
Agent Co:		Integrity Testing Services			Jurisdiction #		A0490117			Serial#		PE7869			
Owner:		Enerplus Corporation			Manufacturer:		Penfabco Ltd.			Year Built:		2002			
District:		Shallow Gas: Shackleton			Field:		Lancer			LSD:		12-26-021-20W3M			
Service:		<input checked="" type="checkbox"/> Sweet <input type="checkbox"/> Sour										MDMT		-29°C	
Zones	MAWP	MAWT	PSV Set P	PSV Tag E#	PSV Manufacturer	PSV S/N#	PSV Inlet size	PSV Outlet size	PSV Serv. Co	PSV Serv. Date	PSV CSO? Y/N	PSV Capacity			
Shell Side	4964 kPa	54°C	4964 kPa	48926	Taylor	2085-51	50.80 mm	50.80 mm	Tel-Rite S.L.	Oct-12	Not Applicable	5487 SCFM			
Tube Side	Not Applicable	Not Applicable													
Other	Not Applicable	Not Applicable													
		Shell		Head		Channel		Tube		Comment					
Material		SA-516-70N		SA-516-70N		Not Applicable		Not Applicable							
Nominal T		28.58 mm		25.40 mm		Not Applicable		Not Applicable							
CA		3.18 mm		3.18 mm		Not Applicable		Not Applicable							
Orientation		<input checked="" type="checkbox"/> Hor <input type="checkbox"/> Ver	Foundation:		<input type="checkbox"/> Concrete	<input type="checkbox"/> Gravel	<input type="checkbox"/> Timbers	<input checked="" type="checkbox"/> Steel	Condition		Good				
Support		<input checked="" type="checkbox"/> Saddle	<input checked="" type="checkbox"/> Seal Welded	<input type="checkbox"/> Free to Move	Condition:		Good								
		<input type="checkbox"/> Skirt	<input type="checkbox"/> Free Of Debris	Condition:											
		<input type="checkbox"/> Hangers	<input type="checkbox"/> Secure	Condition:											
		<input type="checkbox"/> Other:	Condition:												
Overall		General Condition:			Good			Electical Grounding		<input type="checkbox"/> Direct	<input checked="" type="checkbox"/> Indirect	<input type="checkbox"/> None			
Ext. Surface		<input checked="" type="checkbox"/> Painted	<input type="checkbox"/> Insulated	<input type="checkbox"/> Fire-proofed	<input type="checkbox"/> Cladded	Condition:		Good							
Ext. Fixtures		<input type="checkbox"/> Ladder	<input type="checkbox"/> Platform	<input type="checkbox"/> Other											
Inspection Nozzles		<input checked="" type="checkbox"/> Manway	<input type="checkbox"/> Port	Size:		457.20 mm		<input checked="" type="checkbox"/> Reinforcement Pad	<input checked="" type="checkbox"/> Weep Hole Present						
Davit Arm		<input checked="" type="checkbox"/> Present	<input type="checkbox"/> Greased	<input type="checkbox"/> Double nutted	Condition:		Good								
Piping	<input checked="" type="checkbox"/> PSV	<input checked="" type="checkbox"/> Supported	<input checked="" type="checkbox"/> Joined per code	<input checked="" type="checkbox"/> Drains properly	<input checked="" type="checkbox"/> Well Coated	Comment:		Good							
	<input checked="" type="checkbox"/> Inlet	<input checked="" type="checkbox"/> Supported	<input checked="" type="checkbox"/> Joined per code	<input checked="" type="checkbox"/> Free from leaks	<input checked="" type="checkbox"/> Well Coated	Comment:		Good							
	<input checked="" type="checkbox"/> Outlet	<input checked="" type="checkbox"/> Supported	<input checked="" type="checkbox"/> Joined per code	<input checked="" type="checkbox"/> Free from leaks	<input checked="" type="checkbox"/> Well Coated	Comment:		Good							
	<input checked="" type="checkbox"/> Drain	<input checked="" type="checkbox"/> Supported	<input checked="" type="checkbox"/> Joined per code	<input checked="" type="checkbox"/> Free from leaks	<input checked="" type="checkbox"/> Well Coated	Comment:		Good							
	<input checked="" type="checkbox"/> Instrumentation	<input checked="" type="checkbox"/> Supported	<input checked="" type="checkbox"/> Free from leaks	<input checked="" type="checkbox"/> Well Coated	Comment:		Good								
	<input checked="" type="checkbox"/> Process fluid identified	<input checked="" type="checkbox"/> Flow Direction marked	Comment:		Good										
Valves	<input checked="" type="checkbox"/> Manual Isolation Valve	<input checked="" type="checkbox"/> Free from leaks	Comment:		Good										
	<input checked="" type="checkbox"/> Automated Control Valve	<input checked="" type="checkbox"/> Free from leaks	Comment:		Good										
	<input checked="" type="checkbox"/> Vents and Drains Plugged	Comment:		Good											
Gauges	<input checked="" type="checkbox"/> Pressure	Reading:	0 kPa		Condition:	Good									
	<input checked="" type="checkbox"/> Temperature	Reading:	12°C		Condition:	Good									
Sight Glass		<input type="checkbox"/> Fluid Level	Reading %	Condition:											
Inspection Summary		- Vessel is in good condition. - There is no Saskatchewan registration number on the vessel.													
Recommendations:		- Ensure the vessel is registered with T-Sask.										NCR			
Integrity Status		Suitable for continued Service			<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Immediate repairs required			<input type="checkbox"/> Future repairs required					
Inventory Status		<input checked="" type="checkbox"/> In service	<input type="checkbox"/> Out of service	<input type="checkbox"/> Stock											
Sign off	Inspection Interval				Years or Changed to										
	PSV Interval				Years or Changed to										
	Inspector Signature								Jurisdictional Inspector #						
	Chief/Senior Signature (if needed)								Jurisdictional Inspector #						
											Nat'l Bd.: 15019 / API 510/570: 28139/29975 / IBPV PESL: 274 / PEI Class 1: 169				