

# Enerplus Resources Visual External Inspection Report – Pressure Vessels

<input type="checkbox"/> Installation		<input checked="" type="checkbox"/> External		AI FR 023									
Date:		September 28, 2015		Description:		<input checked="" type="checkbox"/> Vessel <input type="checkbox"/> Exchanger <input type="checkbox"/> Boiler			E# 51795				
Inspector:		John David Kobelsky		Equipment Name:		Oil Separator			CRN# R9944.213				
Agent Co:		Integrity Testing Services		Jurisdiction #		S05116 / A0536046			Serial# 80396402C				
Owner:		Enerplus Corporation		Manufacturer:		Toromont Process Systems			Year Built: 2006				
District:		Shallow Gas: Shackleton		Field:		Sceptre			LSD: 04-29-021-23W3M				
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	2758 kPa	121°C	2413 kPa	E51796	Farris	532431-4-A10	76.20 mm	101.60 mm	Tel-Rite S.L.	Sep-15	Not Applicable	8989 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		19.05 mm		17.46 mm		Not Applicable		Not Applicable					
CA		1.59 mm		1.59 mm		Not Applicable		Not Applicable					
Orientation		<input type="checkbox"/> Hor <input checked="" 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 type="checkbox"/> Saddle <input type="checkbox"/> Seal Welded		<input type="checkbox"/> Free to Move		Condition:							
		<input type="checkbox"/> Skirt <input type="checkbox"/> Free Of Debris				Condition:							
		<input checked="" type="checkbox"/> Hangers <input checked="" type="checkbox"/> Secure				Condition:		Good					
		<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:		304.8 x 406.4 mm		<input type="checkbox"/> Reinforcement Pad <input type="checkbox"/> Weep Hole Present					
Davit Arm		<input type="checkbox"/> Present <input type="checkbox"/> Greased <input type="checkbox"/> Double nutted		Condition:									
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:	
Valves		<input checked="" type="checkbox"/> Manual Isolation Valve		<input checked="" type="checkbox"/> Free from leaks		Comment:		Good					
		<input type="checkbox"/> Automated Control Valve		<input type="checkbox"/> Free from leaks		Comment:							
		<input checked="" type="checkbox"/> Vents and Drains Plugged		Comment:		Good							
Gauges		<input type="checkbox"/> Pressure		Reading:		Condition:							
		<input type="checkbox"/> Temperature		Reading:		Condition:							
Sight Glass		<input checked="" type="checkbox"/> Fluid Level		Reading %		0		Condition:		Good			
Inspection Summary		None											
Recommendations:		None											
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 #							