


# Enerplus Resources Visual Internal Inspection Report – Pressure Vessels AI FR 024

Date:	June 24, 2014	Description:	<input checked="" type="checkbox"/> Vessel <input type="checkbox"/> Exchanger <input type="checkbox"/> Boiler		E#	48760
Inspector:	John David Kobelsky	Equipment Name:	Reboiler		CRN#	Not Stated
Agent Co:	Integrity Testing Services	Jurisdiction #	Not Stated		Serial#	2004-7222-03B
Owner:	Enerplus Corporation	Manufacturer:	ALCO Gas & Oil Production Equipment Ltd.		Year Built:	2004
District:	Shallow Gas: Shackleton	Field:	Lancer		LSD:	12-26-021-20W3M
Scope	A visual internal inspection was performed on all accessible shell and head surfaces, nozzles, welds etc.					
Access	<input checked="" type="checkbox"/> Manway <input type="checkbox"/> Inspection nozzle					
Opening	Gasket surfaces	<input checked="" type="checkbox"/> Compliant with code	Comment	Not Stated		
	Nozzle tube	<input checked="" type="checkbox"/> No pitting, erosion etc.	Comment	Not Stated		
Shell and Head Surfaces	Uniform corrosion	<input checked="" type="checkbox"/> Insignificant amount	Comment	Not Stated		
	Pitting corrosion	<input checked="" type="checkbox"/> None noted	Comment	Not Stated		
	Erosion	<input checked="" type="checkbox"/> None noted	Comment	Not Stated		
	Internal Coating	<input type="checkbox"/> Full <input type="checkbox"/> Partial <input checked="" type="checkbox"/> None	Comment	Not Stated		
	Mechanical damage	<input checked="" type="checkbox"/> None noted	Comment	Not Stated		
Welds	Uniform corrosion	<input checked="" type="checkbox"/> Insignificant amount	Comment	Not Stated		
	Pitting corrosion	<input checked="" type="checkbox"/> None noted	Comment	Not Stated		
	Welding defects	<input checked="" type="checkbox"/> None noted	Comment	Not Stated		
	NDE was performed by			Extent	Not Stated	
Type	<input type="checkbox"/> MPI <input type="checkbox"/> WF <input type="checkbox"/> B&W <input type="checkbox"/> Dry <input type="checkbox"/> LPI <input type="checkbox"/> UT <input type="checkbox"/> RT <input checked="" type="checkbox"/> Other:	Not Stated				
Results:	Not Stated					
Nozzles	Obstructions	<input checked="" type="checkbox"/> None noted	Comment	Not Stated		
	Corrosion	<input checked="" type="checkbox"/> None noted	Comment	Not Stated		
	Erosion	<input checked="" type="checkbox"/> None noted	Comment	Not Stated		
Attachments	<input type="checkbox"/> Vortex breaker	<input type="checkbox"/> Secure	<input type="checkbox"/> Good condition	Comment	Not Stated	
	<input type="checkbox"/> Impingement plate	<input type="checkbox"/> Secure	<input type="checkbox"/> Good condition	Comment	Not Stated	
	<input type="checkbox"/> Suction tube	<input type="checkbox"/> Secure	<input type="checkbox"/> Good condition	Comment	Not Stated	
	<input type="checkbox"/> Demister	<input type="checkbox"/> Secure	<input type="checkbox"/> Good condition	Comment	Not Stated	
	<input type="checkbox"/> Heating coil	<input type="checkbox"/> Secure	<input type="checkbox"/> Good condition	Comment	Not Stated	
	<input checked="" type="checkbox"/> Fire tube	<input checked="" type="checkbox"/> Secure	<input checked="" type="checkbox"/> Good condition	Comment	Firetube Brackets in good condition.	
	<input type="checkbox"/> Not Stated	<input type="checkbox"/> Secure	<input type="checkbox"/> Good condition	Comment	Not Stated	
Inspection Summary	Internal inspection completed from the firetube opening of the reboiler. The shell is in good condition with no corrosion noted. All welds are in good condition. There is some sludge in the bottom of the shell. The still column screen is in good condition. The firetube was in good condition. NDE on firetube was done by others with unknown results.					
Recommendations:					<b>NCR</b>	
- Clean the sludge from the shell prior to putting the firetube back in.						
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 <input type="checkbox"/> Replace				
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#	Nat'l Bd.: 15019 / API 510/570: 28139/29975 / IBPV PESL: 274 / PEI Class 1: 169	
	Chief/Senior Signature (if needed)			Jurisdictional Inspector#		