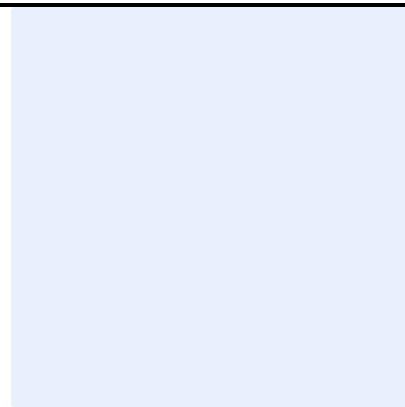
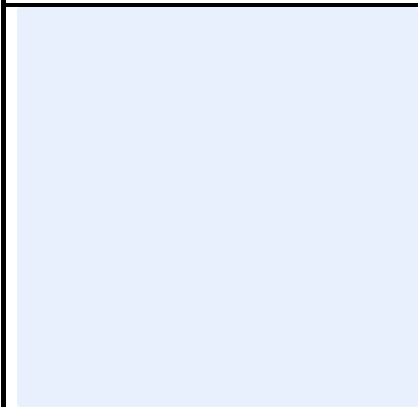
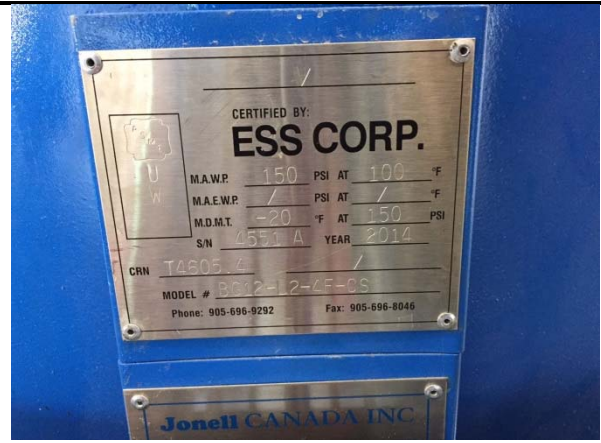




<input type="checkbox"/> Installation <input checked="" type="checkbox"/> External <input type="checkbox"/> Piping														
Date: Aug. 25, 2015			Description: <input type="checkbox"/> Vessel <input checked="" type="checkbox"/> Exchanger <input type="checkbox"/> Furnace Boiler			Unit #:			Equip #:					
Inspector: Brad White			Agent Co.: Foothills Integrity Management Inc.			Equip. Name: Water Injection Filter			Jurisdiction #: N/A CRN #: T4805.4					
Province: Manitoba			Manufacturer: ESS Corp.			Year Built: 2014			S/N: 4551A					
Area:			Subarea:			Location/LSD: 09-32-001-28W1 Battery								
Service <input type="checkbox"/> Sweet <input type="checkbox"/> Sour <input type="checkbox"/> Other:						PSV Location				MDMT		-29C		
Zones:		MAWP	Design T	Set P	CPE#	Manufacturer	S/N	In. Sz	Out. Sz	Serv. Co.	Serv. Date	IV	CSO	Capacity
Shell Side		1034kPa	38 C									Y/N	Y/N	
Tube Side												Y/N	Y/N	
Other												Y/N	Y/N	
Components	Material		Nominal t	CA	Retire t	Lowest t	t OK?	Calc. t-min		Comment				
	Shell						<input type="checkbox"/> Y <input type="checkbox"/> N							
	Head						<input type="checkbox"/> Y <input type="checkbox"/> N							
	Channel						<input type="checkbox"/> Y <input type="checkbox"/> N							
	Tube						<input type="checkbox"/> Y <input type="checkbox"/> N							
Other						<input type="checkbox"/> Y <input type="checkbox"/> N			Specify:					
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 <input type="checkbox"/> Other:		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		Comment:		Condition:						
		<input type="checkbox"/> Hangers		<input type="checkbox"/> Secure		Comment:		Condition:						
		<input checked="" type="checkbox"/> Other		Specify: Legs				Condition: Good						
Overall		General Condition: Good								Electrical 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 <input type="checkbox"/> Other:								Condition: Good				
Ext. Fixtures		<input type="checkbox"/> Ladder <input type="checkbox"/> Platform(s) <input type="checkbox"/> Other:				Condition:								
		<input type="checkbox"/> Manway <input type="checkbox"/> Port		Size:		<input type="checkbox"/> Reinforcement Pads used		<input type="checkbox"/> Weep Holes Present						
		Comment												
Davit Arm		<input type="checkbox"/> Present		<input type="checkbox"/> Greased		<input type="checkbox"/> Double nutted		Condition						
Piping		<input type="checkbox"/> PSV		<input type="checkbox"/> Supported		<input type="checkbox"/> Joined per code		<input type="checkbox"/> Drains Properly		<input type="checkbox"/> Well Coated		Comment:		
		<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:		
		<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:		
		<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:		
		<input checked="" type="checkbox"/> Instrumentation		<input checked="" type="checkbox"/> Supported		<input checked="" type="checkbox"/> Joined per code		<input checked="" type="checkbox"/> Free from leaks/kinks				Comment:		
		<input type="checkbox"/> Process Fluid Identified		<input type="checkbox"/> Flow direction marked		Comment: See comment below								
Valves		<input checked="" type="checkbox"/> Manual Isolation Valve		<input checked="" type="checkbox"/> Free from leaks		Comment:								
		<input type="checkbox"/> Automated Control Valve		<input type="checkbox"/> Free from leaks		Comment:								
		<input checked="" type="checkbox"/> Vents and Drain plugged		Comment:										
Gauges		<input checked="" type="checkbox"/> Pressure		Reading:		Condition: New								
		<input type="checkbox"/> Temperature		Reading:		Condition:								
Sight Glass		<input type="checkbox"/> Fluid Level		Reading:		Condition:								
Inspection Summary		Vessel legs are welded to the foundation. Drain valve is a tripping hazard.												
Recommended Actions:											NCR/IDR			
RN WO~Drain valve needs to be dealt with as it is a tripping hazard. Mark really well.														
VESSEL STATUS														
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"/> Idle <input type="checkbox"/> Out of Service <input type="checkbox"/> Surplus <input type="checkbox"/> Scrap <input type="checkbox"/> Action Items Completed												



Additional Notes on continuation page: (Report: _____)

Inspection Interval: 5 yrs OR Changed to: _____ yrs.

IPV/IBPV Certificate #: 113

PSV Interval: _____ yrs OR Changed to: _____ yrs.

IPV/IBPV Certificate #: _____

Signature of In-Service Inspector: Brad White