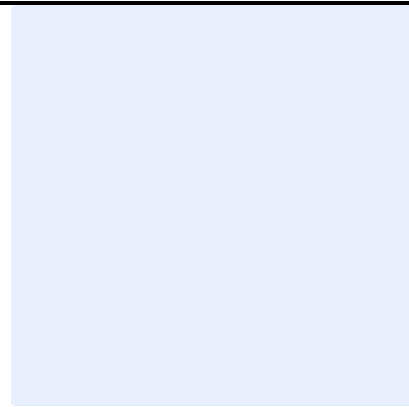
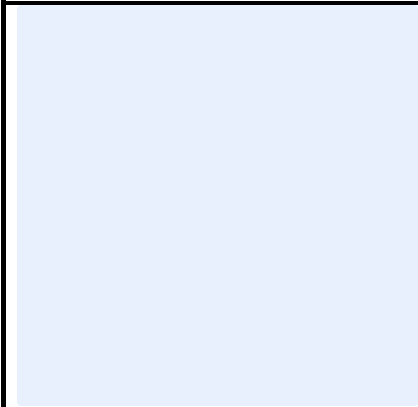
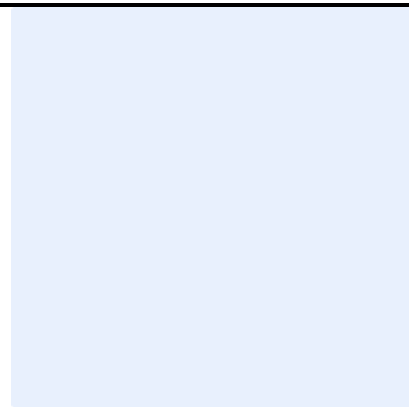
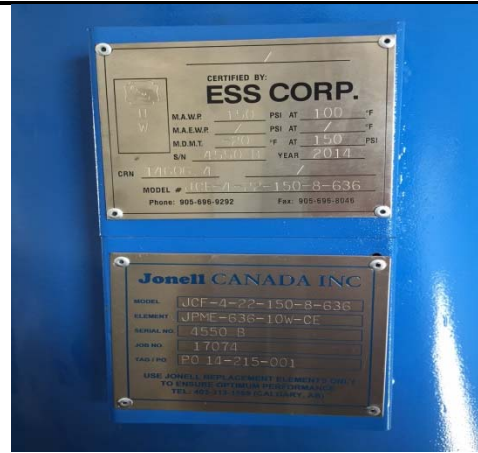




<input type="checkbox"/> Installation <input checked="" type="checkbox"/> External <input type="checkbox"/> Piping														
Date: Aug. 25, 2015			Description: <input type="checkbox"/> Vessel <input checked="" type="checkbox"/> Exchanger <input type="checkbox"/> Furnace Boiler			Unit #:			Equip #:					
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: 4550B					
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.												
Recommended Actions:											NCR/IDR			
RN WO~Mark process fluid and flow direction on piping.														
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