

Pressure Vessel Inspection Report - INTERNAL

PIM Sales Order #:	115- 02	Date:	May 19 , 2022
PIM Work Order #:	IS- 01	Sales # Desc.	

Client: Fuelled Inc c/o Imperial						
Facility: La Corey Yard	Vessel Name: Inlet Separator					
Location (LSD): La Corey, AB	Equipment Number: V-5800					
Status: Operating In-Service Inspected <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Tag Number: Orientation: Horizontal					
Not Operating In-Service Inspected <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Remains In-Service: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
Type of Inspection: <input checked="" type="checkbox"/> Baseline <input type="checkbox"/> Interval <input type="checkbox"/> Repair/Alteration						
1.0 NAMEPLATE DATA						
Jurisdictional Registration Number: A587074	CRN: U7552.2					
Manufacturer: Pyramid Process Fabricators	Year Built: 2008					
Vessel Serial Number: 08-3180-0000	Size (diameter x length-estimate): 78" x 20'					
Shell Thickness: 0.750 "	Shell material: SA-516-70N					
Head Thickness: 0.6875 "	Head material: SA-516-70N					
Tube Wall Thickness: n/a "	Tube Material: n/a					
Tube diameter: n/a "	Tube length: n/a					
Channel Thickness: n/a "	Channel material: n/a					
Design Pressure: MAWP psi	Shell: 273 psi Tubes: n/a					
Design Temperature: MDMT -20 °F	Shell: 140 °F Tubes: n/a					
X-ray: Full	Operating Pressure: Shell: 0 psi Tubes: n/a					
Code Parameters: ASME, SEC VIII, DIV 1	Code Case: n/a					
Corrosion Allowance: 0.125"	Operating Temperature: Shell: 0 °F Tubes: n/a					
	Heat treatment: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
	Joint efficiency (if on nameplate): 100%					
	Manway: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No 24"					
2.0 PRESSURE SAFETY VALVE NAME PLATE DATA						
Manufacturer / Model/ Serial # & Code Stamp	Size (Inlet x Outlet)	Set Pressure (psi)	Capacity (scfm)	CRN	Tag Number (s)	Set Date
Manufacturer/ Model:						
Serial #/ Code Stamp:						
Location of PRV:	<input type="checkbox"/> On Vessel	<input type="checkbox"/> In System	<input type="checkbox"/> Tube Side	<input type="checkbox"/> Open to Atmosphere	<input type="checkbox"/> Non Code	<input type="checkbox"/> Vent to Relief System
Inlet Isolation Valve:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	If Yes - Is there a procedure documented for control of lock out?		<input type="checkbox"/> Yes	<input type="checkbox"/> No
Are the Valves Locked Out?	<input type="checkbox"/> Yes	<input type="checkbox"/> No <input type="checkbox"/> N/A	Comments:			
Is PSV capacity verified to design condition?	<input type="checkbox"/> Yes	<input type="checkbox"/> No	No PSV installed.			

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3.0 SERVICE CONDITIONS INDICATE ALL THAT APPLY					
<input type="checkbox"/> Sweet	<input type="checkbox"/> Sour	<input type="checkbox"/> Process Oil	<input type="checkbox"/> Gas	<input type="checkbox"/> Water	<input type="checkbox"/> Low Temp
<input type="checkbox"/> Amine	<input type="checkbox"/> LPG	<input type="checkbox"/> Condensate	<input type="checkbox"/> Air	<input type="checkbox"/> Glycol	<input type="checkbox"/> Thermal Fluid
Other (Describe):					
Fill out all forms as completely as possible. All information is important! Use back of sheets to record additional information or sketch if required.					
G - Good	F - Fair	P = Poor	N/A = Not Applicable		
Internal Inspection Items	G	F	P	N/A	COMMENTS
Inlet Area Describe corrosion. Look at nozzles, coupling, and areas of damage. Address corrosion sizes and effected areas.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Supports Condition, amounts of corrosion Are they being replaced?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Internal Piping Is there any? If so, carbon or stainless steel. Describe condition, dents, corrosion, erosion, etc. Ensure supports are secure and any bolts are suitable for future use.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Baffles, deflector plates , etc. If present, describe condition. Look closely at welds attached to vessel wall.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Bottom Head Note all corrosion, erosion or mechanical damage. (If vessel is horizontal identify direction of this head)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Top Head Note all corrosion, erosion or mechanical damage. (If vessel is horizontal identify direction of this head)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Shell Sections Record number of shell sections. Record location, size and depth of all erosion, corrosion or mechanical damage. Describe general condition. If any corrosion greater than corrosion allowance is observed in either shell or head, discuss with Chief Inspector before closing vessel.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Demister Pad Is it in place? Is it clean? If any corrosion is apparent in vessel, lift pad and check top head for corrosion.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Welds Inspect all welds, including attachment welds. Record all service-related damages and if there is any discuss with Chief Inspector before closing.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Repairs Required If yes, ensure procedure and copy of AB is on file, and one sent to Chief Inspector who will send one to local ABSA AI.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

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Equipment Photos

			
Photo 1 Description:	Internal Inspection, slight surface rust	Photo 2 Description:	Internal Inspection, slight surface rust
			
Photo 3 Description:	Internal Inspection, slight surface rust	Photo 4 Description:	Internal Inspection, slight surface rust