



External Inspection

Client	Yoho Resources			Inspector	Bob Stanhope			Date	Dec 20, 2018	
District	Inga		Surface LSD	10-19-087-23W6			Downhole LSD			
Vessel Data										
Vessel Description	Treater				RT	1		PWHT	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Partial	
A# / NB#	A0483236		Serial #	7785-03			Manway	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Size: 20"	
Owner Tag			Skid	Treater			OD	72"		
Length	20'		MAWP 1	<input checked="" type="checkbox"/> Shell <input type="checkbox"/> Tube	100	psi	kPa	MAWT	C	
MAWP 2	<input type="checkbox"/> Shell <input type="checkbox"/> Tube		Psi		kPa	MAWT	C	F	MDMT	
Operating Pressure	60	psi		kPa	Operating Temp	50	C	F	Flange Rating #	
Process Conditions:	<input checked="" type="checkbox"/> Sweet <input type="checkbox"/> Sour				Internal Coating:		None			
Product:	<input type="checkbox"/> Gas <input type="checkbox"/> Water <input type="checkbox"/> Air <input checked="" type="checkbox"/> Effluent <input type="checkbox"/> Other:									
PSV Data										
Owner ID/Tag					PSV Location	Shell				
Manufacturer	Farris				Model #	26HA12-120				
Serial #	483316-2-A10				Mfg Date	2002				
CRN #	0G2369.5C				Code	NB/UV				
Set Pressure	75		<input checked="" type="checkbox"/> psi <input type="checkbox"/> kPa	Service Company Unified						
Capacity		scfm	321	gpm		Service Date	11/17	Service Tag #		
Inlet Size	2"	NPS	Type <input type="checkbox"/> THD <input checked="" type="checkbox"/> FLG #	150	Outlet Size	3"	NPS	Type <input type="checkbox"/> THD <input checked="" type="checkbox"/> FLG #	150	
Inlet Block Valve	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Locked/Sealed	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Outlet Block Valve	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Locked/Sealed	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Seal Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			Properly Supported	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
Drainage (i.e. pocketed, missing tailpipe):										
Discharge Piped to (i.e. flare line, pop tank, FKO, atmosphere): Atmosphere										
PSV General Condition/Comments: PSV is located on vessel shell and is in the vertical plane. PSV verified set at or below the MAWP of vessel. PSV does not require calibration as per API 510 and a 5-year service interval has been given. PSV nameplate complete, legible, and secure. Seal wires intact and secure, valve well supported with no body damage noted. Service report has not been reviewed. No valves in the critical path. No internal inspection of the valve was completed. PSV condition satisfactory and is considered fit for continued service under present conditions. PSV capacity verified and deemed adequate										
External Inspection	Good	Fair*	Poor*	N/A	External Inspection	Good	Fair*	Poor*	N/A	
Skid Foundation/Supports	X				Ladder(s)/Platforms				X	
Insulation/Cladding				X	Gauges	X				
Vessel Nameplate	X				Valves	X				
Vessel Saddle/Skirt/Supports/Bolts	X				Piping	X				
Vessel Paint/Coating	X				Flanges/Bolting (per Code)	X				
Vessel Shell	X				Piping Support	X				
Vessel Head	X				Catadyne Heaters (zip ties)	X				
Nozzles	X				Surface Staining of Ground	X				
Pig Traps (ie evidence of hammering)	X				Signage (i.e. stand alone)	X				
Regulators Vented	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			Vessel/Skid Grounded	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					

* Fair and Poor selections require comments


Comments: External:
The vessel is located inside and outside a building. The nameplate is legible and secure. The vessel is identified by an A-number and a serial number stamped on the nameplate. The heads, shell, nozzles, and bolting appear in good

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condition. There is no damage or distortion evident. There appears to be no stress to piping or to nozzle connections. The vessel is supported by structure and is welded to skid. The skid is mounted on pilings and there is minimal risk of shifting. The vessel is fully painted, and the paint has not deteriorated. There is no external corrosion or pitting. The vessel does not have structural attachments. There is evidence of proper grounding of the equipment and electrical connections. The vessel is considered fit for continued service under present conditions.

Piping:

The associated piping appears in generally good condition. There is no damage or distortion on piping. The piping is supported adequately by clamps. The primary piping is mainly bolted and the secondary piping is mainly threaded. The piping is fully painted and the paint is in good condition. There is no external corrosion or pitting on piping.

<input checked="" type="checkbox"/> In Service <input type="checkbox"/> Idle <input type="checkbox"/> Blinded/Disconnected	Signature 	Date Dec 20, 2018
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PHOTOS



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