

PRESSURE EQUIPMENT INSPECTION INTERVAL APPROVAL

Part 1 – Facility and Equipment Information

Facility / Field Name: HILLSDOWN	Location: 16-15-037-26W4
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Part 2 - Assessment Type

Interval assessment has been performed as per TC-OVR-PRO-INT-000036 – check applicable box

Individual Equipment: Provide the equipment number: **A3054734 – SEPARATOR**

Multiple Equipment:

Provide the equipment numbers or refer to Section 4 for the file location:

Like Service Comparison:

Provide the equipment numbers or refer to Section 4 for the file location:

Part 3 – Summary of Findings / Issues / Action Items

BASED ON 2016 UT/VE - VESSEL IS IN GOOD CONDITION AND DEEMED ELIGIBLE FOR AB-506 GRADE 1 INSPECTION INTERVAL OF 60 MONTHS – PSV AND VESSEL STATUS CONFIRMED IN MARCH 2018

Part 4 – Inspection Interval

Previous Interval: 12 MONTHS	New Interval: 60 MONTHS	Assessment Spreadsheet File or Form Location: INSPECTION SUMMARY ATTACHED
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Note: If the assigned inspection interval is not the same for all equipment being assessed, the interval may be identified on the assessment Form or Spreadsheet.

Part 5 – Approvals / Rejection

Final Approval: Asset Integrity Name: KUFRE AKPAN Cert. #: 000905	Comments: 	<input checked="" type="checkbox"/> Accept <input type="checkbox"/> Reject <hr style="width: 100%;"/> <p style="text-align: center;">Signature</p>
Final Approval: Operations (Foreman level or above) Name: DOUG RAY Position: PRODUCTION FOREMAN	Comments: 	<input checked="" type="checkbox"/> Accept <input type="checkbox"/> Reject <hr style="width: 100%;"/> <p style="text-align: center;">Signature</p>

Note: Excursion of the typical plant or field operating /production conditions (temperature, pressure, equipment failure) requires an Asset Integrity review of the original inspection interval assessment to confirm that the assigned inspection interval is still valid.



<input type="checkbox"/> Installation <input checked="" type="checkbox"/> External <input type="checkbox"/> Internal													
Date:	Dec.22/2016				Description:	<input checked="" type="checkbox"/> Vessel <input type="checkbox"/> Exchanger <input type="checkbox"/> Furnace <input type="checkbox"/> Boiler							
Inspector:	Curtis Graham				Unit #:	Equip #:							
Agent Co:	Streamline Inspection				Equip. Name:	Separator							
Owner:	CNRL				Jurisdiction #:	A3054734			CRN #:	K9874.213			
Region:	St Albert				Manufacturer:	Nusco							
Area:	Penhold				Year Built:	1995			S/N:	50309-200			
Facility:	Satellite				Location/LSD:	16-15-037-26W4M							
Service	<input checked="" type="checkbox"/> Sweet <input type="checkbox"/> Sour RT: 3			HT: No	<input checked="" type="checkbox"/> PSV Location		Piping <input checked="" type="checkbox"/> T <input type="checkbox"/> F			MDMT -20F			
Zones:	MAWP	Design T	Set P	TAG#	Manufacturer	S/N	In. Sz	Out. Sz	Serv. Co.	Serv. Date	IV	CSO	Capacity
Shell Side	250psi	100F					2"						
Tube Side													
Other													
Components	Material	Nominal t	CA	Retire t	Lowest t	t OK?	Calc. t-min	Comment					
	Shell	SA516-70	0.375"			<input type="checkbox"/> Y <input type="checkbox"/>							
	T Head	SA234-WPB	0.365"			<input type="checkbox"/> Y <input type="checkbox"/>							
	Channel					<input type="checkbox"/> Y <input type="checkbox"/>							
	Tube					<input type="checkbox"/> Y <input type="checkbox"/>							
Other						<input type="checkbox"/> Y <input type="checkbox"/>		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 Acceptable						
Dimensions	Length: 28"			Width: 24"			Volume:						
Support	<input type="checkbox"/> Saddle <input type="checkbox"/> Seal-welded <input type="checkbox"/> Free to Move		Condition										
	<input checked="" type="checkbox"/> Skirt <input checked="" type="checkbox"/> Free of debris Comment: No UT Access		Condition Acceptable Good condition										
	<input type="checkbox"/> Hangers <input type="checkbox"/> Secure Comment:		Condition										
	<input type="checkbox"/> Other Specify:		Condition										
Overall	General Condition Acceptable Good condition					Electrical grounding <input type="checkbox"/> Direct <input type="checkbox"/> Indirect <input checked="" 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 Acceptable Good condition							
Ext. Fixtures	<input type="checkbox"/> Ladder <input type="checkbox"/> Platform(s) <input type="checkbox"/> Other:					Condition							
Davit Arm	<input type="checkbox"/> Manway <input checked="" type="checkbox"/> Port Size: 2"		<input type="checkbox"/> Reinforcement Pads used <input type="checkbox"/> Weep Holes Present										
	Comment Acceptable Good condition												
Piping	<input type="checkbox"/> Present <input type="checkbox"/> Greased <input type="checkbox"/> Double Nuted		Condition N/A										
	<input checked="" type="checkbox"/> PSV <input type="checkbox"/> Supported <input type="checkbox"/> Joined per code <input type="checkbox"/> Drains Properly <input type="checkbox"/> Well Coated		Comment N/A										
	<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 Acceptable										
	<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 Acceptable										
	<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 Acceptable										
	<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 Acceptable										
Valves	<input type="checkbox"/> Process Fluid Identified <input type="checkbox"/> Flow Direction Marked		Comment Poor										
	<input checked="" type="checkbox"/> Manual Valves <input checked="" type="checkbox"/> Free from leaks		Comment Acceptable Good condition										
	<input checked="" type="checkbox"/> Automated Control Valve <input checked="" type="checkbox"/> Free from leaks		Comment Acceptable Good condition										
<input type="checkbox"/> Vents and Drain plugged		Comment Fair Threaded connection on shell needs plug											
Gauges	<input type="checkbox"/> Pressure Reading:		Condition N/A No gauge located										
	<input type="checkbox"/> Temperature Reading:		Condition N/A No gauge located										
Sight Glass	<input checked="" type="checkbox"/> Fluid Level Reading:		Condition Acceptable Clear & Legible										
Inspection Summary	This vessel was not in operation at the time of this inspection. Vessel and piping in good condition, piping well supported. All piping is threaded. Paint in good condition. Data plate is secured and legible. No short bolting was located on piping flange connections. Vessel ground wire was not located. There was no PSV at the time of this inspection. Vessel is secured to skid, skirt welded to floor. UT inspections performed by Streamline Inspection Ltd, Nov. 2016. No access for UT under vessel skirt.												
Recommended Actions:										NCR/IDR			
Ensure vessel is directly or indirectly grounded before putting back into operation.										IDR			
Ensure PSV is installed to code and set at or below mawp of vessel before put into service										IDR			
Ensure all threaded connections have plugs										IDR			
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"/> 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: _____ yrs. OR Changed to: _____ yrs.

IPV/IBPV Certificate #: 000785, API 510 51479 PSV Interval: 5 yrs. OR Changed to: _____ yrs.

Signature of In-Service Inspector: