



REPORT

A mc13may29a

Type of Inspection: <input type="checkbox"/> INSTALLATION <input type="checkbox"/> EXTERNAL <input checked="" type="checkbox"/> INTERNAL																						
Date: May 29 2013		Job #:		Vessel is in excellent internal condition Coating is in excellent visual condition Three holidays from mechanical damage were identified on the manway throat and repaired with Davoe 142C The demister is in good condition and secure. It was not removed																		
Inspected By: M Copithorne		Inspector's Job #:																				
Client: E Tegrity		Owner: Trident																				
Region: Central AB		Area: Rumsey																				
Facility: Plant		Location/LSD: 13-31-33-20w4																				
Service: <input checked="" type="checkbox"/> Sweet <input type="checkbox"/> Sour <input type="checkbox"/> Other Glycol		Description: <input checked="" type="checkbox"/> Vessel <input type="checkbox"/> Exchanger <input type="checkbox"/> Tank <input type="checkbox"/> Furnace <input type="checkbox"/> Boiler																				
Unit:		Equip.:																				
Equip. Name: inlet separator		Jurisdiction #: 486545													CRN: T 3277.2							
Manufacturer: Crimtech		Serial No.: 12941													Year Built: 2005		<input checked="" type="checkbox"/> PSV on Vessel			<input type="checkbox"/> Piping		
Volume:		PSV Data: <input type="checkbox"/> Isolation Valve(s) Installed <input type="checkbox"/> Car-sealed open <input checked="" type="checkbox"/> CRN:																				
Zones:		MAWP	Des. T	MDMT	Op.P	Op.T	Set P	Tag #	Manufacturer	Serial No.	In	Out	Capacity	Serv. Co.	Serv. Date							
Shell Side:		165	100	-20					pulled for													
Tube Side:									service													
Other:		PSI	F	F																		
Components:		Material	Nominal	Sgl./Dbf/ Weld	Calc. Trim	Retire t	CA	UT TML	Lowest t	Acc.	Ret.	Dia.	RT	E %								
Shell:		NS								<input type="checkbox"/>	<input type="checkbox"/>	6 foot	2									
Head:		NS								<input type="checkbox"/>	<input type="checkbox"/>											
Channel:										<input type="checkbox"/>	<input type="checkbox"/>											
Tube:										<input type="checkbox"/>	<input type="checkbox"/>											
Other:										<input type="checkbox"/>	<input type="checkbox"/>											
Nozzles:		<input checked="" type="checkbox"/> Manway/Port Size: 20"		<input checked="" type="checkbox"/> Davit Arm Present		<input checked="" type="checkbox"/> Davit Arm Greased		<input type="checkbox"/> Double Nuted		Condition:												
		<input checked="" type="checkbox"/> Reinforcement pads used		<input checked="" type="checkbox"/> Weep Holes Present		Comment:																
		<input checked="" type="checkbox"/> Piping well supported		<input checked="" type="checkbox"/> Joining as per code		Comment:																
Piping:		<input checked="" type="checkbox"/> PSV Piping: <input checked="" type="checkbox"/> Drains properly		<input checked="" type="checkbox"/> Well coated		Comment:																
		<input checked="" type="checkbox"/> Inlet Piping: <input checked="" type="checkbox"/> Free from leaks		<input checked="" type="checkbox"/> Well coated		Comment:																
		<input checked="" type="checkbox"/> Outlet Piping: <input checked="" type="checkbox"/> Free from leaks		<input checked="" type="checkbox"/> Well coated		Comment:																
		<input checked="" type="checkbox"/> Drain Piping: <input checked="" type="checkbox"/> Free from leaks		<input checked="" type="checkbox"/> Well coated		Comment:																
		<input checked="" type="checkbox"/> Instrumentation Piping:		<input checked="" type="checkbox"/> Free from leaks/kinks		Comment:																
		<input checked="" type="checkbox"/> Process Fluid Identified:		<input checked="" type="checkbox"/> Flow direction marked		Comment:																
Valves:		<input checked="" type="checkbox"/> Manual Isolation Valve:		<input checked="" type="checkbox"/> Free from leaks		Comment:																
		<input checked="" type="checkbox"/> Automated Control Valve:		<input checked="" type="checkbox"/> Free from leaks		Comment:																
		<input checked="" type="checkbox"/> Vents and Drains Plugged		Comment: Open for internal inspection																		
Gauges:		<input checked="" type="checkbox"/> Pressure		Condition: reads Zero																		
		<input checked="" type="checkbox"/> Temperature		Condition:																		
Sight Glass:		<input checked="" type="checkbox"/> Fluid Level		Condition: Glass is clean and clear																		
Orientation:		<input checked="" type="checkbox"/> Horizontal	<input type="checkbox"/> Vertical	Foundation: <input type="checkbox"/> Concrete <input type="checkbox"/> Gravel <input type="checkbox"/> Timber	<input checked="" type="checkbox"/> Steel	<input type="checkbox"/> Other:		Conditon:														
Suport:		<input checked="" type="checkbox"/> Saddle		<input type="checkbox"/> Seal-welded		<input checked="" type="checkbox"/> Free to move		Condition:														
		<input type="checkbox"/> Skirt		<input type="checkbox"/> Free of debris		Comment:																
		<input type="checkbox"/> Hangers		<input type="checkbox"/> Secure		Comment:																
		<input type="checkbox"/> Other		Specify:		Electrical Grounding: <input type="checkbox"/> Direct <input checked="" type="checkbox"/> Indirect <input type="checkbox"/> None																
Overall:		General condition: good , no deformation, no corrosion identified					Condition:															
Ext. Surface:		<input checked="" type="checkbox"/> Painted		<input type="checkbox"/> Insulated		<input type="checkbox"/> Fire-proofed		<input checked="" type="checkbox"/> Cladded		<input type="checkbox"/> Other												
Ext. Fixtures:		<input type="checkbox"/> Ladder		<input type="checkbox"/> Platform(s)		<input type="checkbox"/> Other																
Int. Surface:		<input checked="" type="checkbox"/> Coated		<input type="checkbox"/> Lined		<input type="checkbox"/> Thermal sprayed		<input type="checkbox"/> Cladded		<input type="checkbox"/> Welded overlay		Condition: 100% internally coated										
Int. Fixtures:		<input type="checkbox"/> Baffle		<input checked="" type="checkbox"/> Float		<input checked="" type="checkbox"/> Impingement plate		<input type="checkbox"/> Weir		<input type="checkbox"/> Vortex Breaker												
Recommended Actions:																						
Next internal inspection pull the baffle assembly to allow acces to the rear section for a more detailed inspection													NCR#:									
The vessel was very clean on opening allowing for a very short cleaning interval																						
Summary Comment:																						

Additional notes on continuation page:
 Equipment is suitable for continued service:
 Inspector Certificate No: IBPV 00159

Quality Check:
 Signature of Inspector: Mark Copithorne
 Received by: (print) _____
 Received by: (sign) _____

Terms and Conditions: Refer to sheet 2 for scope of services and standard of care.

Report No. B

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<input type="checkbox"/> INSTALLATION	<input type="checkbox"/> EXTERNAL	<input checked="" type="checkbox"/> INTERNAL	Page	2	of	2
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A#: 486545	S/N#: 12941	or Other:
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LSD sign



Data Plate is secure



Profile of vessel



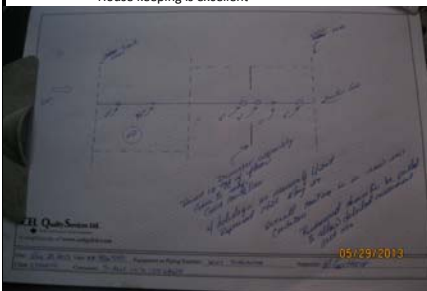
House keeping is excellent



Inlet diverter plate is secure



Demister is raised 12" off of floor, is secure and in good shape



Field notes



Demister material is flexible and clean of debris



Recommended Actions:	NCR#

Additional notes on continuation page:
 Equipment is suitable for continued service:

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 Received by: (print)
 Received by: (sign)

Mark Copithorne

