



A3028074\_Name Plate\_26March2008



VESSEL INSPECTION SUMMARY

Report #: 125209-BV-9  
 Inspect Date: 03/26/2008  
 Page: 1 of 2  
 IRISNDT #: 125209

Client: CNRL District: Medicine Hat West Field: Chin Coulee  
 Facility: 03-19-008-16W4M Unit: LSD: 03-19-008-16W4M  
 Jurisdiction #: A3028074 Equip Tag #: V 110 Serial #: WF 94356  
 CRN #: M 5094.2 Nat'l Bd #: Year Built: 1994  
 Manufacturer: West Fab Equipment Description: Test Separator  
 Status: Out Of Service Date Removed From Service: Service: Sour  
 MAWP Shell 265 Psi @ 100 °F Height/Length: in / mm Code Stamp:  Y  N  
 MAWP Tube psi/kPa @ Pick Size/Diameter: 24 in. O.D. Insulated:  Y  N  
 Support Type: Skirt RT: 2 Volume: ft<sup>3</sup> / m<sup>3</sup> PWHT:  Y  N  
 C.A. Coated  Y  N Clad:  Y  N Manway:  Y  N

Component	Material	Nominal	Minimum
Head	SA516-70N	.359"	

Component	Material	Nominal	Minimum
Shell	SA516-70N	.375"	

PSV Static Data

PSV -1 Tag #: Serial #: CL-13356-KC CRN: OG 254.5C  
 Model #: Capacity: 10% SCFM Set Pressure: 265 psi/kPa  
 Manufacturer: Telidine Fluid Systems Service Company: Remtronic  
 Shell/Tube Side: Shell / Tube Service Date: 03/99  
 Size In: 3/4" Size Out: 1" Connection Type: Threaded  
 Carseal Intact: Yes Number of PSV's Location: Top of Vessel

PSV - 2 Tag #: Serial #: CRN:  
 Model #: Capacity: SCFM Set Pressure: psi/kPa  
 Manufacturer: Service Company:  
 Shell/Tube Shell / Tube Service Date:  
 Size In: Size Out: Connection Type:  
 Carseal Intact: Yes / No Number of PSV's Location:

External Inspection Results - VE

Last Report #: Last Report Date: Summary Report #:

Item	Y	N	N/A	Acc	Comment
Foundation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Grounding	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Insulation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Piping	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Supports	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Anchor Bolting	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
TMLs	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Item	Y	N	N/A	Acc	Comment
Paint	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Cathodic Protection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Fireproofing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Ladders/Platforms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Berms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Davit Arm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Pressure Gauge	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Temp. Gauge	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Internal Inspection Results - VI

Item	Y	N	N/A	Acc	Comment
Shell	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Heads	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Manway	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Gasket Surfaces	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Welds	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Refractory	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Heating Coils	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Refractory	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Item	Y	N	N/A	Acc	Comment
Demister	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Vane Pack	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Baffles	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Trays	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Filter	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Internal Coating	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Tube Sheet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Tube Bundle	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Edmonton (780) 437-4747	Fort McMurray (780) 743-1536	Cold Lake (780) 594-1114	Mailing Address
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Barrhead (780) 674-3018	Lloydminster (780) 875-6455	Houston, TX (281) 476-4444	T6E 5T8



VESSEL INSPECTION SUMMARY

Report #: 125209-BV-9
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Page: 2 of 2
IRISNDT #: 125209

Client: CNRL LSD: 03-19-008-16W4M Jurisdiction #: A3028074

Attached to Vessel Inspection Report #

Additional Attachments # of pages Specify

NDE Performed UT MT PT ET RT OTHER

NDE Report #

NCR Raised Operational Action Item Raised Repair Action Item Raised Deferred Action Item Raised

Inspection Comments:

Visual external and UT Corrosion survey was carried out on Test Separator A3028074 to check integrity for service and to identify any areas of concern.

Results:

No flange leaks or gasket leaks were found at the time of inspection. PSV was intact and free from restrictions but will need to be serviced if vessel returned into service. Overall general condition of external inspection revealed no areas of concern.

See attached UTM file, pictures and drawing for locations and thicknesses recorded.

Test Separator A3028074 is fit for service.

Recommendations:

Carry out UT Corrosion survey and external inspection at the next required inspection frequency. Have PSV sent out for servicing before putting the vessel back into service.

Unit # 393 Kilometers:

In Out Hrs

In Out Hrs

Personnel: Blair Verge

Consumables:

Inspector:

Blair Verge (Print) PESL: 000174

(Signature) API: 24212

I am in full agreement with report contents:

Client Representative

Table with 7 columns: Location, Phone 1, Phone 2, Phone 3, Phone 4, Phone 5, Mailing Address. Rows include Edmonton, Calgary, Nisku, Barrhead, Fort McMurray, Grande Prairie, High Level, Lloydminster, Cold Lake, Red Deer, Tulsa, OK, Houston, TX.



A3028074\_Side View\_26March2008