



A0227873_Name Plate_06Jun07



VESSEL INSPECTION SUMMARY

Report #: **127020-WF-07**
Inspect Date: 06/07/2007
Page: 1 of 2
IRISNDT #: 127020

Client: CNRL District: Medicine Hat - West Field: 09-17-11-16W4
Facility: Taber Unit: _____ LSD: 09-17-11-16W4
Jurisdiction #: A0227873 Equip Tag #: _____ Serial #: LM-2191
CRN #: H0330.2 Nat'l Bd #: _____ Year Built: 1987
Manufacturer: Natco Equipment Description: Horizontal Group Free Water KO
Status: Out Of Service Date Removed From Service: _____ Service: Sour
MAWP Shell 75 Psi @ 200 °F Height/Length: 360 in. Code Stamp: ☒ Y ☐ N
MAWP Tube _____ Select @ _____ Pick Size/Diameter: 96 in. I.D. Insulated: ☒ Y ☐ N
Support Type: Saddle RT: 4 Volume: _____ ft³ / m³ PWHT: ☐ Y ☒ N
C.A. 1.6mm Coated ☒ Y ☐ N Clad: ☒ Y ☐ N Manway: ☒ Y ☐ N

Component	Material	Nominal	Minimum
Shell	SA-516-70	12.7 mm	
North Head	SA-516-70	18.0 mm	
South Head	SA-516-70	14.3 mm	

Component	Material	Nominal	Minimum

PSV Static Data

PSV -1 Tag #: _____ Serial #: _____ CRN: _____
Model #: _____ Capacity: _____ SCFM Set Pressure: _____ Select
Manufacturer: _____ Service Company: _____
Shell/Tube Side: Shell / Tube Service Date: _____
Size In: _____ Size Out: _____ Connection Type: _____
Carseal Intact: Yes / No Number of PSV's _____ Location: No Access Scaff. Req.

PSV -2 Tag #: _____ Serial #: _____ CRN: _____
Model #: _____ Capacity: _____ SCFM Set Pressure: _____ Select
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 checked="" type="checkbox"/>	
Grounding	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Insulation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Partial
Piping	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Supports	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Anchor Bolting	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
TMLs	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	
Cathodic Protection	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Fireproofing	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Ladders/Platforms	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Berms	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Davit Arm	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Pressure Gauge	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Temp. Gauge	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Internal Inspection Results - VI ☒

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

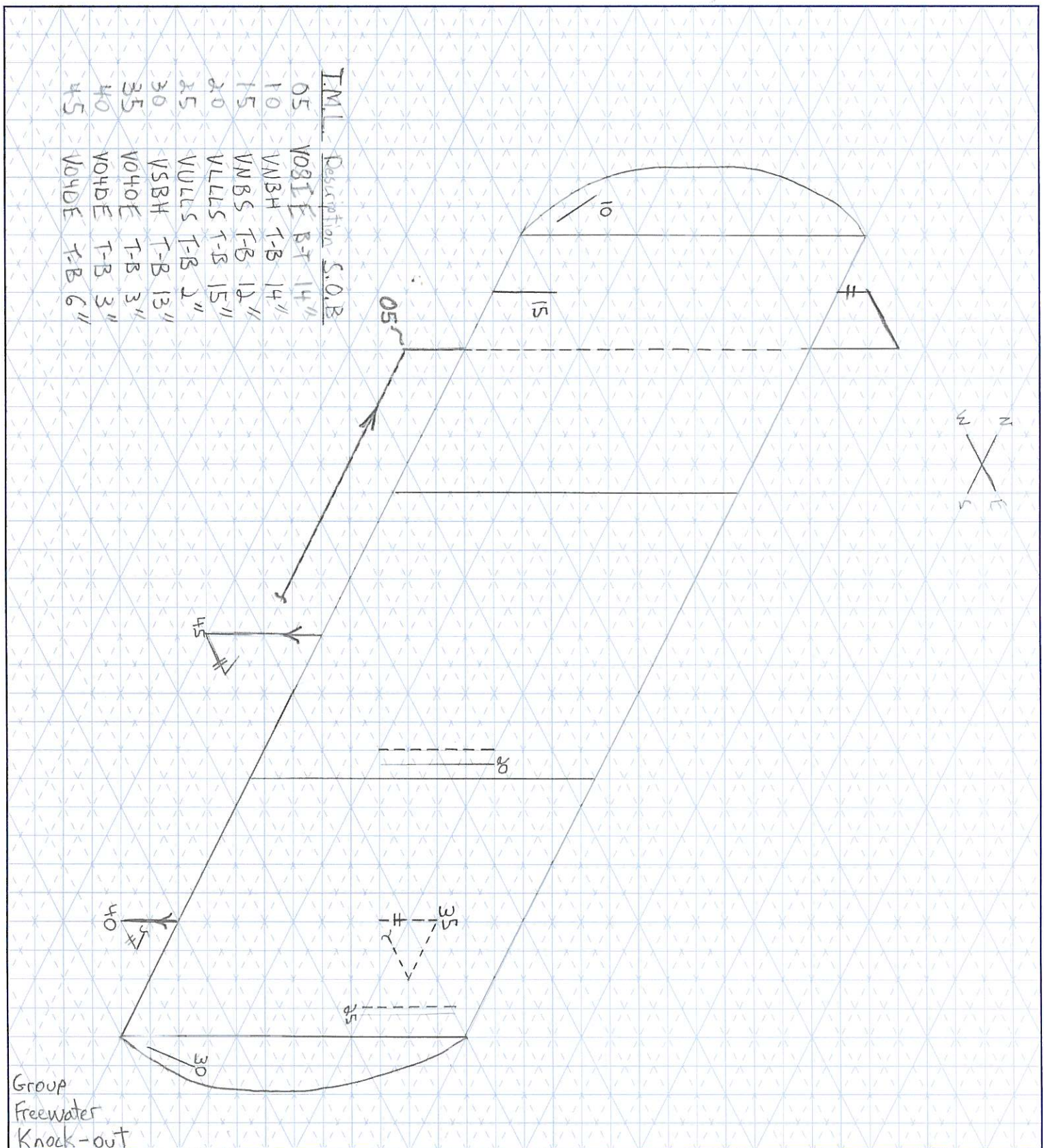
Item	Y	N	N/A	Acc	Comment
Demister	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Vane Pack	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Baffles	<input checked="" type="checkbox"/>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

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Calgary (403) 279-6121
Nisku (780) 955-7616
Barrhead (780) 674-3018

Fort McMurray (780) 743-1536
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Lloydminster (780) 875-6455

Cold Lake (780) 594-1114
Red Deer (403) 347-1742
Tulsa, OK (918) 446-8773
Houston, TX (281) 476-4444

Mailing Address
5311 - 86 Street
Edmonton, Alberta
T6E 5T8



CUSTOMER: CNRL FACILITY: Taber LSD: 09-17-11-16W4
P & ID: _____ DRAWN BY: Ken Schmidt DATE: 06/06/07 DRAWING NO. _____

VESSEL INFORMATION:

Equip. No. _____ Pro.Reg.No (A) A227873 C.R.N. H0330.2 Serial No LM-2191 Yr. Inst. _____
Code/Div. 1 Size: 8' ID / OD X 30' Manufacturer: C.E. Natio Ltd Yr. Blt. 1987
C. Stamp W Service: SOUR PWHT: No J.E.: _____ Radiography: RT-4 Insulated: YES

HEAD: Top Mat'l _____ Top Nom 18.0 mm Top C.A. 1.6 mm SHELL: Material SA516-70 Nominal 12.7 mm C.A. 1.6 mm
Btm Mat'l _____ Btm Nom. 14.3 mm Btm C.A. _____

BOOT: Head Mat'l _____ Head Nom _____ Head C.A. _____ CHANNEL: Top Mat'l _____ Top Nom. _____ Top C.A. _____
Shell Mat'l _____ Shell Nom. _____ Shell C.A. _____ Btm Mat'l _____ Btm Nom. _____ Btm C.A. _____
MAWP Shell side: 75 PSI @ Temp. 200°F MAWP Tube Side: _____ @ Temp. _____

PIPING INFORMATION:

Circuit. No. _____ Line No. (s) (PLEASE PUT LINE NUMBERS ON APPLICABLE LINES ON THE DRAWING)
Piping Class _____ Service: _____ Yr. Blt. _____
MAWP: _____ @ Temp. _____ Size & Schedule of Piping (PLEASE PUT APPROPRIATE SIZES AND SCHEDULES OF PIPING ON DRAWING)



A0227873_Corrugated Diffuser Bundles Fallen Out Of Alignment_06Jun07



A0227873_Free Water K.O_06Jun07



A0227873_Internal View North side_06Jun07



A0227873_Pitting North Manway_06Jun07



A0227873_Pitting South West Manway_06Jun07