



A2791337_Nameplate_09JUn09



VESSEL INSPECTION SUMMARY

Report #: 137845-KS-7
Inspect Date: 05/20/2009
Page: 1 of 2
IRISNDT #: 137845

Client: CNRL District: Medicine Hat west Field: Claresholm
Facility: 15-36-012-27W4M Unit: Plant LSD: 15-36-012-27W4M
Jurisdiction #: A2791337 Equip Tag #: N/A Serial #: T-6640
CRN #: K7390.2 Nat'l Bd #: N/A Year Built: 1992
Manufacturer: Larson & D'Amico Equipment Description: Slug Catcher
Status: In Service Date Removed From Service: Service: Sweet
MAWP Shell 75 Psi @ 120 °F Height/Length: in. Code Stamp: Y N
MAWP Tube Select @ Pick Size/Diameter: in. ID / OD Insulated: Y N
Support Type: Saddle RT: 4 Volume: 17.43 m³ PWHT: Y N
C.A. 1.6mm Coated Y N Clad: Y N Manway: Y N

Table with 4 columns: Component, Material, Nominal, Minimum. Rows include Head (SA516-70, 7.9mm) and Shell (SA516-70, 6.35mm).

Table with 4 columns: Component, Material, Nominal, Minimum. Rows are empty.

PSV Static Data

PSV -1 Tag #: Serial #: 679001 CRN: 02176.52
Model #: Capacity: 6229 SCFM Set Pressure: 75 Psi
Manufacturer: Sparton Controls Ltd. Service Company:
Shell/Tube Side: Shell / Tube Service Date:
Size In: 4.0" Size Out: 6.0" Connection Type:
Carseal Intact: Yes Number of PSV's Location:

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 Number of PSV's Location:

External Inspection Results - VE

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

Table with 6 columns: Item, Y, N, N/A, Acc, Comment. Rows include Foundation, Grounding, Insulation, Piping, Supports, Anchor Bolting, TMLs.

Table with 6 columns: Item, Y, N, N/A, Acc, Comment. Rows include Paint, Cathodic Protection, Fireproofing, Ladders/Platforms, Berms, Davit Arm, Pressure Gauge, Temp. Gauge.

Internal Inspection Results - VI

Table with 6 columns: Item, Y, N, N/A, Acc, Comment. Rows include Shell, Heads, Manway, Gasket Surfaces, Welds, Refractory, Heating Coils, Refractory.

Table with 6 columns: Item, Y, N, N/A, Acc, Comment. Rows include Demister, Vane Pack, Baffles, Trays, Filter, Internal Coating, Tubesheet, Tube Bundle.

Edmonton (780) 437-4747 Fort McMurray (780) 743-1536 Cold Lake (780) 594-1114 Mailing Address
Calgary (403) 279-6121 Grande Prairie (780) 532-2283 Red Deer (403) 347-1742 5311 - 86 Street
Nisku (780) 955-7616 High Level (780) 841-0470 Tulsa, OK (918) 446-8773 Edmonton, Alberta
Barrhead (780) 674-3018 Lloydminster (780) 875-6455 Houston, TX (281) 476-4444 T6E 5T8



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Page: 2 of 2
IRISNDT #: 137845

Client: CNRL LSD: 15-36-012-27W4M Jurisdiction #: A2791337

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:

External Inspection

An external visual inspection was performed on vessel and the findings are as follows:

Nameplate was intact and legible.

The vessel was operating at the time of inspection. No process leaks or vibrations were noted at the time of inspection. The vessel is insulated. Insulation is in good condition with minor damage at some isolated areas. Insulation is wet at the bottom section and areas on both sides. Mild corrosion noted through UT port holes around these areas.

All associate piping are painted. The paint on piping is in good condition.

The vessel is supported by saddles. Saddles are in good condition and foundation below is levelled.

All bolted connections are tight and in good condition.

Gauges are in good working condition.

PSV carseal is intact. PSV is set to the required pressure.

Ultrasonic Thickness Survey

External UT was performed with no significant wall losses noted.

Refer to attached photos, drawing and UT data for inspection findings.

The vessel appears to be in good operating condition for continued service based on the external visual observations and UT thicknesses readings recorded at the time of the inspection.

Recommendations:

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Replace the wet and damaged insulation to avoid CUI.

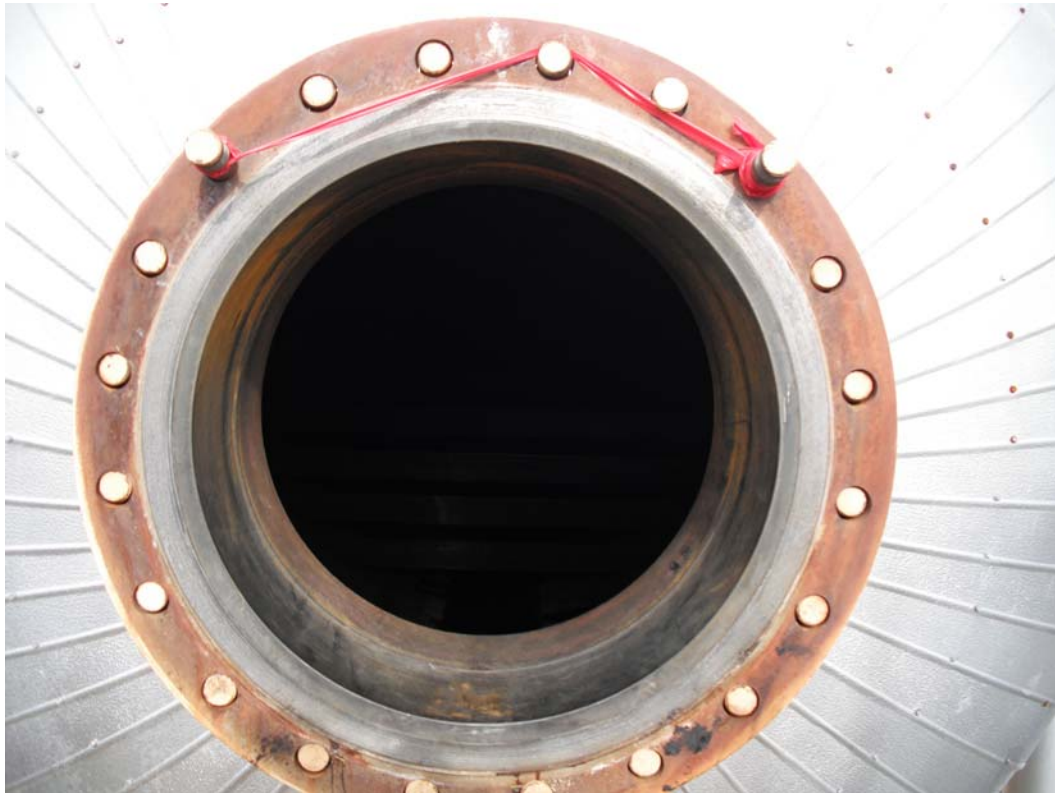
Continue to inspect the vessel and monitor internal corrosion at regular scheduled intervals.

Form with fields for Unit #, Kilometers, Consumables, Inspector (Name, Signature, Print), Personnel, and Client Representative.

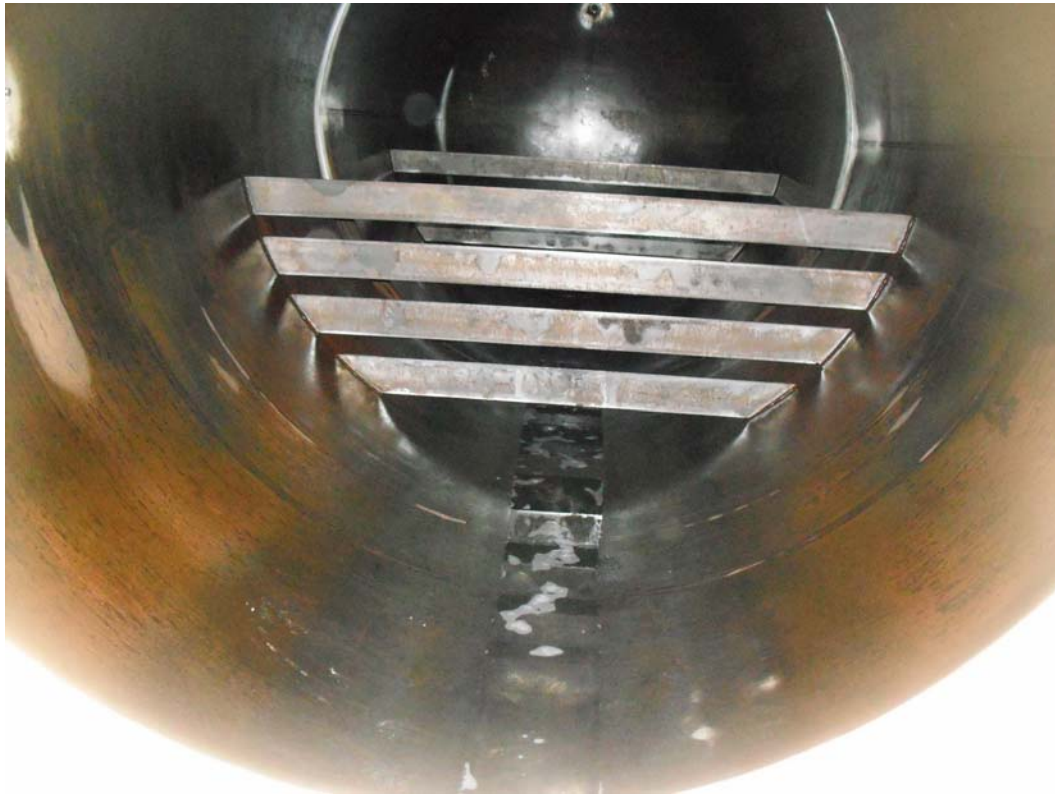
Table with 7 columns: Location, Phone Number, Location, Phone Number, Location, Phone Number, Mailing Address.



A2791337_Sump_09Jun09



A2791337_Manway_09Jun09



A2791337_Internal_09Jun09



A2791337_Welds_09Jun09



A2791337_External condition of vessel and sump section_20May09



A2791337_vessel external condition_20May09