

Pressure Vessel Inspection Report

Equipment #: 62019555

Description: Inlet Separator

Serial# 2532

Location: 6-34-50-27 W3 (Cost Center # 72325)

Notification #:

Inspection Date: July 23, 2009

Inspected by: Les Deverill

INSPECTION SUMMARY:

Vessel remains in fair condition from an external visual review. Vessel RFS as PSV is gone. Process Piping, as outlined below, needs to be evaluated before restarting this vessel.

RECOMMENDATION:

- The foundation & building in which the vessel is located, really needs to be repaired, to maintain a suitable operating environment & to ensure no one steps through the floor.
- Conduct an engineering review before restarting this vessel to ensure adequate thickness of associated piping.

REPAIRS COMPLETED:

NONCOMPLIANCES:

EXTERNAL INSPECTION:

- Vessel in fair condition with no changes to previous inspection.
- The vessel building is deteriorating quickly, the wall where the door frame is contained is corroded away from the floor and the floor is extremely corroded. Floor perforations may be the next order of business.
- Inlet & Outlet Drain Elbows are exhibiting low measurements on the outside radius of the elbows (both @ 0.140"). Unless there is an engineering spec break, the design thickness for these elbows should be 0.436" (XXS). (Nozzles on drawing indicate XXS)

EXTERNAL NDE:

- See Attached data sheet

INTERNAL INSPECTION:

- No Access

INTERNAL NDE:

- No Access

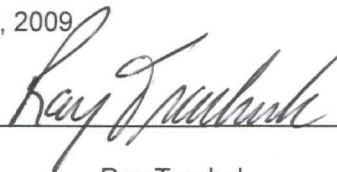
INSPECTION INTERVAL:

- 48 months



Les Deverill, Aug 5, 2009

APPROVED BY:



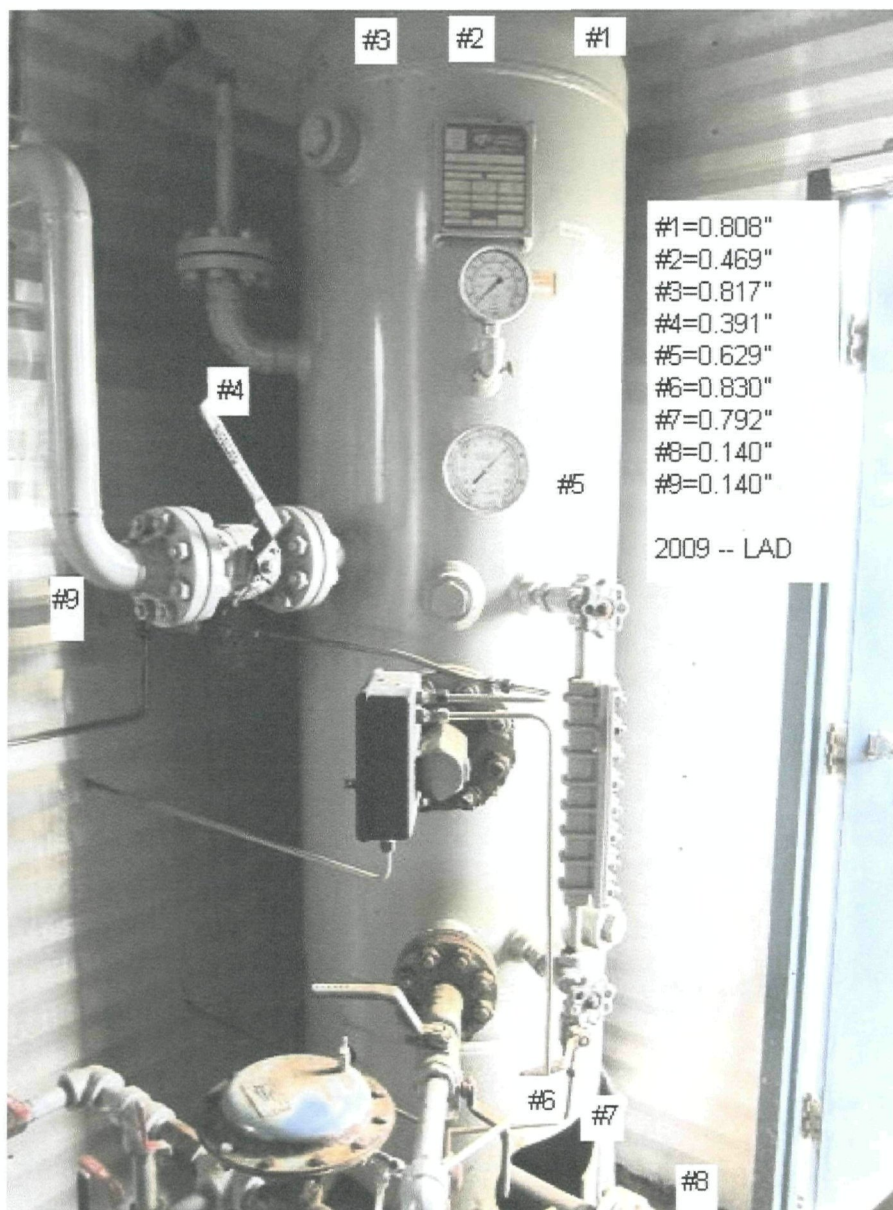
Ray Trachuk

DATE:

2009-08-06

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cc: Dennis Mc Kague, Larry Vinish



UT – TML's Description	Nominal Thickness	2009	2004
#1 – Top South Knuckle	0.625"	0.808" (20.5 mm)	0.793" (20.1 mm)
#2 – Top Outlet Nozzle	0.436"	0.469" (11.9 mm)	NA
#3 – Top West Knuckle	0.625"	0.817" (20.8 mm)	NA

C:\Documents and Settings\Les\Desktop\Les Deverill Info\CWIS (Vessels & Corrosion)\Husky Lloyd Field\Northminster\06-34-050-27 W3M WELLSITE\62019555 Inlet Sep North\INSP REPT -- 2009.doc

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#4 – PSV Elbow	0.436"	0.391" (9.9 mm)	NA
#5 – Mid Shell	0.625"	0.629" (16.0 mm)	0.626" (15.9 mm)
#6 – Bottom Knuckle	0.625"	0.830" (21.1 mm)	0.820" (20.8 mm)
#7 – Bottom Head	0.625"	0.792" (20.1 mm)	NA
#8 – Outlet Drain El	0.436"	0.140" (3.6 mm)	NA
#9 – Inlet El	0.436"	0.140" (3.6 mm)	NA

Data Assessment indicates no major changes in wall thickness measurements since 2004, however the outlet drain elbow (2") and inlet elbow (2") are very thin. There could be a spec break at the valves, but the measurement is low even for Schd 40 -- 2" piping fittings.



BLDG FLOOR