

New

HUSKY OIL (LLOYDMINSTER)
NORTHMINSTER**INSPECTION REPORT**

Date: 12/06/2004

Insp. Date: 12/06/2004

Name: VERT 2 PHASE SEPARATOR

Location: NORTHMINSTER

Equip. #: S19-01-00V-SN2532

LSD 6-34-50-27W3M

Prov. #: SASK#27374

Serial #: 2532

Insp. Type: ON STREAM

Tag #: #62019555

VI: No UG: Yes PT: No HT: No US: No

VE: Yes LT: No RT: No MT: No OTHER: No

Observations

Inspector: L. Bell

12/06/2004

Summary

November 23, 2004: Vessel was externally inspected.

Details

This separator was manufactured by RJV in 1994. Nominal head and shell thickness is 0.625" with a corrosion allowance of 0.125". MAWP of the separator is 720psi @ 100F. CRN for the separator is K2422.23 which is acceptable for service in Saskatchewan. Sask Boiler's Branch certificate#27374 also exists.

EXTERNAL:

Base/Supports: Acceptable

Paint: Acceptable

Piping/Alignment: Good

Bolting: Lower 2 flanged connections show signs of moderate corrosion attack. No shortbolting noted.

Threaded Connections: Good condition

PSV protecting the vessel was serviced May/02 and has a set pressure of 720 (equal to vessel - acceptable).

An ultrasonic thickness test was performed on the head and shell of the vessel with all readings noted to be above manufacturer's nominal thickness (see report attached).

Recommendations

Inspector:

Summary

Bolts on the lower 2 flanges should be replaced. Reinspect again in 4 years.

cc: Dennis McKague

Details**Results**

Inspector:

Summary**Details**

Entered report in SAP.
09/20/05 Jamara

Reviewed By: *E. Dwyer*

04/12/08

Date: 12/06/2004

insp

File Name: S19-01-00V-SN2532
 RJV Serial Number 2532
 Ultrasonic Thickness Tests
 Corrosion Allowance = 0.125"

6-34-50-27W3M

Point#	Nom Thk	Retirement Thickness	Nov-04			
1	0.625	0.500	0.794			
2	0.625	0.500	0.793			
3			0.518			
4	0.625	0.500	0.626			
5	0.625	0.500	0.630			
6			0.420			
7	0.625	0.500	0.820			



