



2877363



RAE Inspection Service (1979) Ltd.

#111, 4808 - 87th Street, Edmonton, Alberta T6E 5W3
Telephone: (780) 469-2401 Fax: (780) 468-2422

NCR 6987

Ref # 35324

NON CONFORMANCE REPORT

Client: CNAL Date: July 3/03

Provincial Registration #: A2877363 RAE Job #: 03-316

Location: NONALIC LSD: 9-71-0/94-P-10

Equipment: GLYCOL CONTRACTOR (DEHY #2)

Description of Non Conformance:

- No PSV ORRRECTLY PROTECTING THIS VESSEL (INDEPENDENCY PROTECTED BY PSV ON GLYCOL CONTRACTOR/DEHY #1)

Recommended Action:

- INSTALL PSV ON THIS VESSEL SET TO MAX.
1715 PSI

NCR to be Resolved Before: JAN/04 (WEATHER ACCESS ONLY FOR PSV SERVICE - PICKER REQ'D)

Signature Inspector: JM GRAY MORAN Date: JULY 3/03

Corrective Action Taken:

Signature Client: _____ Date: _____

Signature Inspector: _____ Date: _____

Reviewed by Chief Inspector: _____ Date: _____

Field Inspection Report

Vessel # 2877363

Client	Canadian Natural Resources Ltd.		Inspection Date	2003-07-01	
Prov. Reg.#	2877363		Insp. Type	VE/UT	
Equipment	Glycol Contactor		Location	Helmot	
Tag/Equip. #			LSD	A-71-G/94-P-10	
Vessel Status	In Service		Comp./Unit	Dehy 2	
Manufacturer	Alco Gas & Oil	Serial #	93C494801	MAWP/Temp	1415 psi 150 F
CRN #	H3319.1	Shell Material	SA-516-70N	Shell Thick.	1.750 in
Corrosion All.	0.125 in	Head Material	SA-516-70N	Head Thick.	1.664 in
Manway	No	Head Material 2		Head Thick. 2	in
Coating	No	Channel Material		Channel Thick.	in
Diameter	36 in	Length	in	Height	336 in
Year Built	1993	Next Inspection	2008	RT	1
Service	Sweet			Next Insp. Type	VENI/UT
				Job #	03-316

Observations:

Note: No BC vessel registration number found on vessel.

Note: NCR # 6987 Issued. No PSV directly protecting vessel.

External

Vessel painted - paint in good condition. Vessel partly bolted to skid, 1 of 6 bolts missing, no washers and 1 bolt not tightened. Baseplate partial welded to skid. Ground wire to skid is secure. All gauges in good condition. Associated piping is in good condition, fully bolted and properly supported.

Internal

Not opened for inspection, acceptable per 'A' # 26906649 / Dehy #1.

PSV

No PSV directly protecting this vessel, PSV on glycol contactor (Dehy #1 is in directly protecting vessel).

Field Inspection Report

Vessel # 2877363

UT

Measurements in Inches
(At random spots, min. 10 spots each)

Upper Vessel - No access

Bottom Shell - 1.791 - 1.822

Bottom Head - 1.762 - 1.819

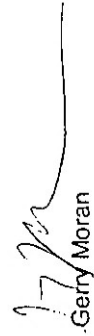
6" Inlet Nozzle - 0.695 - 0.720

Outlet - No access


No access to Bottom of Bottom Head

Recommendations:

Install new PSV on vessel per NCR #6987.



Inspector: Gerry Moran



Reviewed by:

AB-40 to be attached