

A2573913 - CONTACTOR DATA - JUN 2004

1060-04

Canadian Natural Resources Limited
Production - Facilities Engineering
A2573913 Contactor Vessel Data Sheet

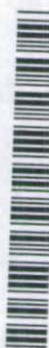
Content Date Range: 6/2/2004 to 6/2/2004

Vessel Integrity

Inspection Data

Open: 3/29/2007 Close:

CC+2 0P P



00781871

Vital: Yes
Original: Yes
Confidential: No

**PRESSURE EQUIPMENT INTEGRITY
MANAGEMENT PROGRAM**

**Pressure Vessel Data Sheet
Exhibit #1600**

CLK

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Report No.:	Four		
Date:	June 2/04		
File No.:			
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DE-HY CONTACTOR

GENERAL INFORMATION

AREA: DAIBER	LOCATION (LSD): C-76-D/94-B-16	
FACILITY: DE-HY	DATE: JUNE 3/04	
VESSEL NAME: CONTACTOR		
"A" NUMBER: 2573913	CRN Number: F-9192.1	
INTERNALLY COATED: YES <input type="checkbox"/> NO <input type="checkbox"/> ?		
STATUS: OPERATING <input checked="" type="checkbox"/> SHUT IN <input type="checkbox"/> SURPLUS <input type="checkbox"/> JUNK <input type="checkbox"/>		
MANWAY: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>		
OPERATING PRESSURE: 1415 P.S.I.	SHELL: 1.125	
	TUBES: HEAD 1.076	
DESIGN PRESSURE: 1415 psi	SHELL:	
	TUBES:	
MANUFACTURER: ABCO	SERIAL NUMBER: 89C-4199-01	YEAR BUILT: 1989
SIZE: (ID X LENGTH):	HEAT TREATED: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>	

PSV DATA

MANUFACTURER: CONSOLIDATED	SIZE: 1 1/2" 600 x 2" 150
MODEL #: 1912 FC-1-1-1-1-1	CRN #: 01832.52
SERIAL #: 89C1678	CAPACITY: 24587 SCFM
SET DATE: JUNE 1/04	SET PRESSURE: 1415 P.S.I.
ANADARKO TAG #:	

SERVICE CONDITIONS (CHECK ALL THAT APPLY)

STEAM <input type="checkbox"/>	SWEET GLYCOL <input type="checkbox"/>	SOUR GLYCOL <input type="checkbox"/>
AIR <input type="checkbox"/>	SWEET GAS <input type="checkbox"/>	SOUR GAS <input checked="" type="checkbox"/>
LEAN AMINE <input type="checkbox"/>	SWEET CONDENSATE <input type="checkbox"/>	SOUR CONDENSATE <input type="checkbox"/>
RICH AMINE <input type="checkbox"/>	SWEET OIL <input type="checkbox"/>	SOUR OIL <input type="checkbox"/>
NITROGEN <input type="checkbox"/>	LPG <input type="checkbox"/>	CARBON DIOXIDE <input type="checkbox"/>

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4319

RELIEF VALVE REPORT

CUSTOMER: <u>ANADARKO</u>	TICKET # <u>44372</u>	DATE <u>JUNE 1/04</u>
LOCATION <u>C-76-D/44-B-16. CYPRESS</u>	CUSTOMER TAG <u>CONTACTOR</u>	
APP: <u>steam</u> / natgas / liq / air		
** PREPOP: <u>yes</u> / no	LEAK TEST <u>yes</u> / no	
SET PRESSURE CHANGE: <u>yes</u> / no	NEW PRESSURE _____ psig / kpag	
SET PRESSURE CHANGE AUTHORIZATION SIGNATURE _____		
OTHER INSTRUCTIONS:		

VALVE DATA

MAKE: <u>CONSOLIDATED</u>	MODEL: <u>1912FC-11-1-1</u>	S/N: <u>29C 1678</u>
SET PRESS: <u>1415</u> psig	_____ kpag	BACK PRESS _____ psig _____ kpag
**SIZE: INLET <u>1 1/2</u> <u>100</u>	OUTLET <u>2"</u> <u>150</u>	flge / thrd _____ ORIFICE SIZE <u>F</u>
CAPACITY: <u>24587</u> SCFM	M3 GPM LPM	AT STD. TEMP.
COLD/DIFF. SET PRESS: _____ psi	_____ kpa	AT TEMP _____ °F/°C
ASME STAMP: <u>V, UV, HV, NC, NB</u>	CRN# <u>0183452</u>	
INSPECTION NAME PLATE: <u>yes</u> / no	SEALED: <u>yes</u> / no	SET POINT DEFINITION NB18 <u>FCP</u>
VALVE BONNET: <u>good</u> / fair / poor	VALVE BODY: <u>good</u> / fair / poor	
INLET: <u>dirty</u> / <u>clean</u>	OUTLET: <u>dirty</u> / <u>clean</u>	

PRETEST

SIMMER <u>1410</u> <u>psig</u> / kpag	FULL LIFT: <u>1415</u> <u>psig</u> / kpag
RESET <u>1300</u> <u>psig</u> / kpag	SEAT TIGHTNESS: <u>yes</u> / no
	LEAK RATE @ 90% / or: <u>0BPM</u>

DISASSEMBLY & INSPECTION

(Comments on condition of parts, evidence of weld repairs)

Item	Clean	Rusty	Oily	Scored	Dented	Corroded	Other	Repair	Replace	OK	Comments
Body										<input checked="" type="checkbox"/>	
Cap/Lever											<u>reset only</u>
Spring Adj											
Spring											
Spindle											
Nozzle											
Disc											
Guide											
Adj. Rings											
Ring Pins											
Flge/Thrd											
Gaskets											
Other											

COMMENTS

FINAL TESTING AND SETTING

TEST MEDIUM: <u>air</u> , liq, other	
SIMMER _____ psig / kpag	FULL LIFT _____ psig / kpag
RESET _____ psig / kpag	BLOWDOWN NOTCHES _____ UPPER _____ LOWER
SET PRESSURE _____ psig / kpag	COLDSET PRESSURE _____ psig / kpag
CAPACITY: _____ SCFM	M3 GPM LPM OTHER _____ @ 15°C
BACK PRESSURE TEST: <u>yes</u> / no	LEAK TEST <u>90</u> % OF SET <u>0</u> BPM / or:
SEAL INSTALLED TOP <u>✓</u>	BOTTOM <u>✓</u> OPENING PROTECTED <u>✓</u>
COMMENTS:	
SIGNATURES: #1 <u>KTL</u>	#2 <u>DM</u> #3 _____