

Customer: CANADIAN NATURAL RESOURCES LIMITED

Date: 3/27/2012

Facility: LAGARDE

LSD: 01-21-087-15W6

PSV Location: CONTACTOR

A#: A3182406

Vessel SN:

Cust Id:

Cust. Ref.:

Valve PO:

PO Line#:

Cust WO#:

Cust AFE#:

Cost Centre #: 31231132

VALVE DATA

Man.: CONSOLIDATED Model: 1912FC-1-1-1-1-1 Serial: 89C1578 Seat: Hard
 Conn: Flanged Inlet: 1.5 " 600 RF Orifice: F Outlet: 2 " 150 RF
 Set Pres: 1100 PSI Back Press: 0 PSI Cold/Diff Set: PSI Temp: Cap: 7146 SCFM
 Lift Lever: Cap Assembly: Closed Code Symbol: UV CRN#: 01832.52

CUSTOMER INSTRUCTIONS

Instructions: Pretest, Service, and Test Pretest Required? Reset Required?
 Replaces UVL ID#: Replaces Serial #: Replaces Cust ID#:
 RESET INFO: New Pressure: New Cold/Diff: New Capacity: New Model:

CONDITION AS RECEIVED

Visual Condition: Good Data Plate Condition: OK Date of last service: 6/11
 Seal Condition: Top: Intact Bottom: Intact Insignia: UVL Fittings Attached: Inlet: Outlet:
 Inlet: Clean Inlet Plugged: Outlet: Clean Outlet Plugged: Initial Insp. Signoff: Tara Stones

PRETEST 1

Simmer: 1059 PSI Set Press: 1107 PSI Reseat: 842 PSI Leakage: 0 BPM Test gauge: FSJ 1&2
 Tested by: Harley Anderson Pretest comments:

PRETEST 2

Simmer: PSI Set Press: PSI Reseat: PSI Leakage: BPM Test gauge:
 Tested by: Pretest comments:

| ITEM | CLEAN | OILY | RUSTY | CARBON | OTHER | COMMENTS | OK / REPLACE | REPLACED? | REPAIRS PERFORMED |
|------------------------|-------------------------------------|--------------------------|--------------------------|--------------------------|-------------------------------------|---------------|--------------|-------------------------------------|--------------------|
| DISC | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Scratched | OK | <input type="checkbox"/> | Machine/Lap/Polish |
| NOZZLE | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Scratched | OK | <input type="checkbox"/> | Machine/Lap/Polish |
| CAP-LEVER ASSY | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | OK | <input type="checkbox"/> | |
| COMP SCREW and LOCKNUT | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | OK | <input type="checkbox"/> | |
| SPRING and BUTTONS | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | OK | <input type="checkbox"/> | |
| SPINDLE / STEM | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | MINOR PITTING | OK | <input type="checkbox"/> | Machine/Polish |
| STEM RETAINER | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | NA | | <input type="checkbox"/> | |
| DISC HOLDER | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | OK | <input type="checkbox"/> | |
| GUIDE / UPPER RING | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | OK | <input type="checkbox"/> | |
| LOWER RING | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | OK | <input type="checkbox"/> | |
| RING PIN(S) | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | OK | <input type="checkbox"/> | |
| BELLOWS | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | NA | | <input type="checkbox"/> | |
| GASKET / SEALS | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Crushed | REPLACE | <input checked="" type="checkbox"/> | |
| CONNECTION ENDS | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | OK | <input type="checkbox"/> | |
| OTHER | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | <input type="checkbox"/> | |

Disc: MIN= .174 ACT= .180 Nozzle: Min: .312 ACT= 347 Spring Number: HO219CR

Comments:

Disassembly: BRAD WATSON Inspection: BRAD WATSON Reassembly: BRAD WATSON

FINAL TEST:

Test Medium: Air Simmer: 1096 PSI Set Pressure: 1100 PSI
 Reseat: 994 PSI Leakage Acceptable: B.P. Test: 60 PSI
 ADJ. RING SETTING (NOTCHES): Upper: N/A Lower: -4 Test Gauge FSJ 1&2 Set Press Def: POP
 Tested by: Harley Anderson

FINAL INSPECTION:

SEAL: Top: Bottom: End Protectors Installed: Painted: Palletized: Ship Container: Flex Gaskets Supplied:

Final Inspection: Tara Stones Customer Inspection

Comments: