



3065440

QR7 INSPECTION AND TEST REPORT - PSV / PRV

Date: 99.10.13

Revision: P-830

Customer: CANADIAN NATURAL RESOURCES Location: JOFFRE

CUST PO#: 00.09.05

SO#: 52-11802 45 OF 63 00 CST Tag #:

PCID: P7372

Assoc. Doc #:

Customer Instructions: REPAIR RUSH

Contact: \_\_\_\_\_

Requested Completion Date: 00.09.08

Phone: \_\_\_\_\_

Make: MERCER Model: 9117DS11811

Shop # \_\_\_\_\_ CRN#: 062606-5C

Size: 1 In \_\_\_\_\_ Out 1 \_\_\_\_\_ Ends:  RF  RTJ  Clamp  Screwed  FF  Cap Assy:  Open  Closed  Lift Lever

Visual Condition:  Good  Fair  Poor  Fouling  Dirty  Plugged  New Sample Taken:  Inlet  Outlet  None

Seal Condition: Top: ACC \_\_\_\_\_ Bottom: \_\_\_\_\_ Insignia: \_\_\_\_\_ Last Service Date: \_\_\_\_\_ Data Plate Condition: GOOD

Op. Temp.: 70 F \_\_\_\_\_ Capacity: 1477 SCFM/AIR \_\_\_\_\_ Code Symbol:  V  UV  HV  None  Other

Set Press.: 720 psig \_\_\_\_\_ 4964 kpag Back Press.: \_\_\_\_\_ psig \_\_\_\_\_ kpag Cold Diff. Set: \_\_\_\_\_ psig \_\_\_\_\_ kpag Adj. Screw Meas. \_\_\_\_\_

Set Pressure: \_\_\_\_\_ psig \_\_\_\_\_ kpag

Leakage BPM @90%: \_\_\_\_\_

No Reseat: \_\_\_\_\_

Relieve Press.: \_\_\_\_\_ psig \_\_\_\_\_ kpag

Testing Medium: \_\_\_\_\_

psig \_\_\_\_\_ kpag

LABOUR:

Dismantle DS \_\_\_\_\_ Inspection: DS \_\_\_\_\_ Reassemble: DS \_\_\_\_\_

MATERIAL:

ITEM	DESCRIPTION	QTY	ITEM	DESCRIPTION	QTY	PCI P.O.#
1	Recondition & Test	1	32			
2	Priority Rate		33			
3	Certification Test Only		34			
4	Pre Pop Test		35			
5	Back Pressure Test	1	36			
6	Bellows Test		37			
7	Cap Assembly <input type="checkbox"/> corr.(7) <input type="checkbox"/> erosion(7)		38	Cap Assembly		
8	Repack Lift Lever <input type="checkbox"/> thread damage(8)		39	Lift Lever		
9	Adjusting Screw / Nut <input type="checkbox"/> thread damage(9)		40	Adjusting Screw / Nut		
10	Bonnet <input type="checkbox"/> corr.(10) <input type="checkbox"/> thread damage(10)		41	Bonnet		
11	Spring / Number <input type="checkbox"/> corr.(11) <input type="checkbox"/> coating chipped(11)		42	Spring / Number		
12	Spring Buttons <input type="checkbox"/> pitted(12) <input type="checkbox"/> corr.(12)		43	Spring Buttons		
13	Spindle / Stem <input type="checkbox"/> galling(13) <input type="checkbox"/> pitting(13) <input type="checkbox"/> corr.(13) <input type="checkbox"/> bent(13)	1	44	Spindle / Stem		
14	Stem Retainer <input type="checkbox"/> galling(14) <input type="checkbox"/> corr.(14) <input type="checkbox"/> thread damage(14)		45	Stem Retainer		
15	Guide <input type="checkbox"/> galling(15) <input type="checkbox"/> wearing(15) <input type="checkbox"/> corr.(15)	1	46	Guide		
16	Bellows <input type="checkbox"/> distortions(16) <input type="checkbox"/> punctured(16) <input type="checkbox"/> ruptured(16)		47	Bellows		
17	Ring Pin <input type="checkbox"/> pin bent(17) <input type="checkbox"/> thread damage(17)		48	Ring Pin		
18	Blowdown Ring(s) <input type="checkbox"/> erosion(18) <input type="checkbox"/> thread damage(18)		49	Blowdown Ring		
19	Disc Holder <input type="checkbox"/> erosion(19) <input type="checkbox"/> pitting(19) <input type="checkbox"/> drop thread damage(19)	1	50	Disc Holder	1	S
20	Disc <input type="checkbox"/> scratching(20) <input type="checkbox"/> pitting(20) <input type="checkbox"/> fouling(20) <input type="checkbox"/> erosion(20)		51	Disc	1	S
21	Nozzle <input type="checkbox"/> scratching(21) <input type="checkbox"/> pitting(21) <input type="checkbox"/> fouling(21) <input type="checkbox"/> erosion(21)		52	Nozzle		
22	Ball Keeper <input type="checkbox"/> pitting(22) <input type="checkbox"/> washed(22)		53	Ball Keeper		
23	Keeper Seal <input type="checkbox"/> worn(23) <input type="checkbox"/> brittle(23)		54	Keeper Seal		
24	Ball <input type="checkbox"/> pitted(24) <input type="checkbox"/> scratched(24) <input type="checkbox"/> washed(24)		55	Ball		
25	Ball / Seat Assembly <input type="checkbox"/> washed(25) <input type="checkbox"/> thread damage(25)	1	56	Ball / Seat Assembly	1	S
26	Seat Frame <input type="checkbox"/> thread damage(26) <input type="checkbox"/> erosion(26)		57	Seat Frame		
27	Body <input type="checkbox"/> corr.(27) <input type="checkbox"/> erosion(27) <input type="checkbox"/> thread damage(27)		58	Body		
28	Gaskets		59	Gasket Set		
29	Machine Body RF's		60	Reset Tag (SPM 3.3 ; 3.4)		
30	Lap Nozzle to Base		61	Shop Supplies	1	
31	Sub Contractor		62	Hazardous Waste Disposal	1	

SEVERITY OF INTERNALS CONDITION (1) MILD (2) SUBSTANTIAL (3) SEVERE

Additional:  Cleaning  Lapping Nozzle  Lapping Disc  Pipe Fitting for Reassembly & Test  Recommended Replacements

IM&T Equipment ( REF. SPM 05 )

Pressure# 3017/18 Test Bench# 3307

Min. Man. Specified Dimensions

Dimensions As Found

Disc Ht. \_\_\_\_\_ Step \_\_\_\_\_

Nozzle Ht. \_\_\_\_\_ Step \_\_\_\_\_

Set Pressure Definition:

Air  Steam  H2O  Air / H2O

Set Pressure Change:  Yes  No  New Spring  Non Code Repair

Capacity: \_\_\_\_\_

Lock Nut Secured

Ring Pin Torqued

Lift Lever Assy Secured

Back Pressure: \_\_\_\_\_ psig \_\_\_\_\_ kpag

4964 kpag

SCFM/Air: 1477

Date: 00.09.06

Tested By: ML

Cold Diff. Set: \_\_\_\_\_ psig \_\_\_\_\_ kpag

USGPM: \_\_\_\_\_

Upper: \_\_\_\_\_

Lower: \_\_\_\_\_

Witness: RW

Bellows Test @: \_\_\_\_\_ psig \_\_\_\_\_ kpag

100 psig \_\_\_\_\_ kpag

Appearance

Tagging

Packing Slip

Back Press. Test: \_\_\_\_\_ psig \_\_\_\_\_ kpag

0 BPM (Ref. API 527)

Final Inspection: ML

EDM -

Comments:

\_\_\_\_\_

# Certificate of Inspection

**RECEIVED**  
OCT 7 1998

BLUE RANGE RESOURCE CORP.  
1300, 800 - 5 AVENUE SW  
(TRIMAC HOUSE)  
CALGARY, AB  
T2P 3T6

LOCATION: 6-35-38-27-W4M

COMPANY CODE:

DESCRIPTION: SEPARATOR

MANUFACTURER: BROMLEY MECHANICAL

SERIAL #: 45532

HEATING SURFACE:

SURFACE AREA:

PREFERRED RE-INSP. INTERVAL: 5.00 Yr.

CRN: K2480.2

YEAR BUILT: 1995

VOLUME: 0.759 M3

Safety Valves

PART	MAX. AUTHORIZED WORKING PRESSURE	MAX. TEMP	MIN. TEMP	VALVE ID	SETTING	CAPACITY	LOCATION
SHE	4965 KPA	38 C	-29 C	SV1	4965 KPA		

**OWNER INSTRUCTIONS/REMARKS:**

PRESSURE RELIEF VALVE TO BE SERVICED BY AN AUTHORIZED SAFETY VALVE SERVICING COMPANY EVERY THREE YEARS.

Safety Codes Officer: SIMONS, DENNIS

Signature: \_\_\_\_\_



**NOTE: REQUIREMENTS OF THE SAFETY CODES ACT AND THE REGULATIONS ISSUED THEREUNDER:**

The owner or person in charge shall report all accidents involving a boiler, pressure vessel or pressure piping system to the district Safety Codes Officer immediately and shall send a full report in writing to the Administrator as required by the Act. No repairs or alterations may be made unless authorized by a Safety Codes Officer.