

POWELL CANADA INC. 6005 72A Ave., Edmonton, AB. T6B 2J1 PH: (780) 465-7038 Fax: (780) 465-0379 Date: Mar. 25 11

INSPECTION AND TEST REPORT - PSV / PRV SO#: 0100 - 57848 . 42 . 65 Revision: 34-4620

Customer: CNRL - HOBHEMA District: Location: HOBHEMA CUST PO#: PROJ# 80008943 Date: MAY.08/12

S.R#: 57848 Repair#: CST Tag #: #42 SEPARATOR PCI ID: P32379 Assoc. Doc #: Sales Code 80310

Customer Instructions: PREPOP AND REPAIR AS REQUIRED Contact: KEVIN PENNINGTON CC#: Requested Completion Date: MAY.09/12 A#: A443655 LSD: 4-16-44-24 Phone: 780.983.2070

Make: CONSOLIDATED Model: 1990C-LCC S/N: B103983-1-2 Shop #: CRN#: 0G0439.2

Size: 1 in Orf V1 Out End Type: NPT Cap Assy.: ☐ Open ☒ Closed ☐ Lift Lever Adj. Screw Meas.

Visual Condition: ☐ Good ☒ Fair ☐ Poor ☐ Fouling ☐ Dirty ☐ Plugged Condition Rating: ☐ New ☐ Routine ☐ Minor ☐ Major ☐ BER

Seal Condition: Top: ACC Bottom: Insignia: PCI Last Service Date: APR.15/08 Data Plate Condition: REPLACE

Op. Temp.: 150 F Capacity: 2662 SCFM/AIR Code Symbol: ☐ V ☒ UV ☐ HV ☒ NB ☐ None ☐ Other

Set Pressure: 1440 psig 9929 kpag Back Pressure: Cold Differential Set: Info. Verification: 55

Set Pressure: 1440 psig kpag Tested By: Rik Testing Medium: AIR

Relieve Press.: 1475 psig kpag Reseat Press.: 1303 psig kpag No Reseat:

Comments: 1ST: 1475 psig kpag 2ND: 1420 psig kpag 3RD: 1426 psig kpag Leakage Rate: 43 BPM

LABOUR: Dismantle: 26 Inspection: 33 Reassemble: R6		MATERIAL:	
ITEM	DESCRIPTION	QTY	ITEM DESCRIPTION
1	Recondition & Test	1	32
2	Priority Rate		33
3	Certification Test Only		34
4	Pre Pop Test	1	35
5	Back Pressure Test	1	36 Duplicate Tag (SPM 3.5)
6	Bellows Test		37 Sub Contractor
7	Cap Assembly ☐ Mild ☐ Subst ☐ Sev		38 Cap Assembly
8	Repack Lift Lever		39 Lift Lever
9	Adjusting Screw / Nut ☐ Mild ☐ Subst ☐ Sev		40 Adjusting Screw / Nut
10	Bonnet		41 Bonnet
11	Spring / Number		42 Spring / Number
12	Spring Buttons		43 Spring Buttons
13	Spindle / Stem ☐ Mild ☐ Subst ☐ Sev		44 Spindle / Stem
14	Stem Retainer ☐ Mild ☐ Subst ☐ Sev		45 Stem Retainer
15	Guide ☐ Mild ☐ Subst ☐ Sev		46 Guide
16	Bellows		47 Bellows
17	Ring Pin		48 Ring Pin
18	Blowdown Ring(s)		49 Blowdown Ring
19	Disc Holder ☐ Mild ☐ Subst ☐ Sev		50 Disc Holder
20	Disc ☐ Mild ☐ Subst ☐ Sev		51 Disc
21	Nozzle ☐ Mild ☐ Subst ☐ Sev		52 Nozzle
22	Ball Keeper		53 Ball Keeper
23	Keeper Seal		54 Keeper Seal
24	Ball		55 Ball
25	Ball / Seat Assembly		56 Ball / Seat Assembly
26	Seat Frame		57 Seat Frame
27	Body		58 Body
28	Gaskets		59 Gasket Set
29	Inlet ☐ Mild ☐ Subst ☐ Sev		60 Reset Tag (SPM 3.3 ; 3.4)
30	Outlet ☐ Mild ☐ Subst ☐ Sev		61 Shop Supplies
31	Lap Nozzle to Base		62 Hazardous Waste Disposal

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

POST ASSEMBLY INSPECTION & SIGN OFF (Refer to OR8 #14): Rik DATE: 5/09/12 NEW MODEL#:

IM&T Equipment (REF. SPM 05)		Linial# 3306	Pressure# 0555/3142	Test Bench# 3307
Min. Man. Specified Dimensions	Dimensions As Found	Dimensions After Machining	Action Taken	
Disc Ht. 0.4900 Step 0.0100	Disc Ht. .499 Step .016	Disc Ht. Step	☒ Accept	☐ Machine
Nozzle Ht. 0.1780 Step	Nozzle Ht. .181 Step	Nozzle Ht. Step	☐ Customer Review	

Set Point: Definition: Pop Tolerance: 3% Set Using: ☒ Air ☐ Nitrogen ☐ H2O ☐ Air / H2O ☒ Lock Nut Secured

Set Pressure Change: ☐ Yes ☒ No ☐ New Spring ☐ Non Code Repair QR018B Item #: ☒ Ring Pin Torqued

Set Pressure: 1440 psig 9929 kpag QR018C Item #: ☐ Lift Lever Ass'y Secured

Back Pressure: psig kpag Capacity: 2662 SCFM/AIR Service Interval: Months Date: 5-09-12

Cold Diff. Set: psig kpag Reseat: Ring Setting: Upper: Tested By: Rik

Bellows Test @: psig kpag Blowdown: Lower: 45 Witness: KHC

Back Press. Test: 100 psig kpag ☒ Ends Covered ☒ Appearance ☒ Packing Slip Final Inspection: 55

Leakage Rate: 43 BPM ☒ Painting ☒ Tagging EDM

Comments: