

POWELL		POWELL CANADA INC. 6005 72A Ave., Edmonton, AB. T6B 2J1 PH: (780) 465-7038 Fax: (780) 465-0379				Date: Nov. 12/10				
QR7		INSPECTION AND TEST REPORT - PSV / PRV					Revision: 32-4523			
Customer: CNRL - BYEMOOR		District:		Location: BYEMOOR		CUST PO#:				
Date: APR.21/10		Sales Code								
SO#: 0100 - 67844 .44 .60		WO#: 67844002		CST Tag #: GAS PLANT		PCI ID: S39252				
Assoc. Doc # 39252		1400								
Customer Instructions: REPAIR AND SET @ 250 PSI Contact: _____ CC#: _____										
Requested Completion Date: MAY.19/10 A#: 225172 ✓ LSD: 08-32-34-17W4 ✓ Phone: _____										
INCOMING RECEIVING	Make: CONSOLIDATED Model: 1992C1-1-1-1 S/N: 87C3600 ✓ Shop # _____ CRN#: 01832.52									
	Size: 1 In 1.5 Out End Type: NPT Cap Assy.: ☒ Open ☐ Closed ☒ Lift Lever Adj. Screw Meas. 1.289									
	Visual Condition: ☐ Good ☒ Fair ☐ Poor ☐ Fouling ☐ Dirty ☐ Plugged Condition Rating: ☐ New ☐ Routine ☐ Minor ☐ Major ☐ BER									
	Seal Condition: Top: ACC Bottom: _____ Insignia: BARBER Last Service Date: _____ Data Plate Condition: REPLACE									
PRE TEST	Op. Temp.: C Capacity: 1022 SCFM/AIR Code Symbol: ☐ V ☒ UV ☐ HV ☒ NB ☐ None ☐ Other									
	Set Pressure: 300 psig 2069 kpag Back Pressure: _____ psig _____ kpag Cold Differential Set: _____ psig _____ kpag Info. Verification: JM									
	☐ YES Set Pressure: _____ psig _____ kpag Tested By: _____ Testing Medium: _____ ☐ PASS ☐ NO Relieve Press.: _____ psig _____ kpag Reseat Press.: _____ psig _____ kpag No Reseat: _____ ☐ FAIL Comments: 1 ST : _____ psig 2 ND : _____ psig 3 RD : _____ psig Leakage Rate: _____ BPM									
IN PROCESS INSPECTION & RECONDITIONING: (REF. SPM 03; 04; 07; 08; 09; 10; 11; 12)	LABOUR: Dismantle: _____ IM _____ Inspection: _____ Reassemble: _____ JM _____		INTERNAL CONDITIONS See SWI# 4043 on the left of this document for definitions.		MATERIAL:					
	CONDITION CODES A - Good B - Bent C - Broken D - Clean E - Cracked F - Collapsed G - Corroded Mild H - Corroded Severe I - Deposits Light J - Deposits Heavy K - Eroded L - Galled M - Incorrect N - Inoperable O - Missing P - Out of Tolerance Q - Pitted R - Plugged S - Poor T - Marked U - Scored/Scratched V - Leaks W - Requires Replacing X - Requires Re-Aluminizing Y - Seized Z - Worn 1 - Stripped 2 - Non-OEM 3 - Threads Stripped 4 - Blown 5 - Pin Holes 6 - Spindle Runout 7 - Steam Cut 8 - N/A WORK CODES 1 - Replaced 2 - Renew Next Repair 3 - Lapped & Machined 4 - Machined 5 - Lapped 6 - Polished 7 - Re-Aluminized 8 - Left Alone 9 - Repaired 10 - Clean & Use 11 - Welded 12 - N/A				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 Duplicate Tag (SPM 3.5)				
	6 Bellows Test					37 Sub Contractor				
	7 Cap Assembly ☐ Mild ☐ Subst ☐ Sev				M	1	38 Cap Assembly	1	INT	
	8 Repack Lift Lever					39 Lift Lever				
	9 Adjusting Screw / Nut ☐ Mild ☐ Subst ☐ Sev				A	10	40 Adjusting Screw / Nut			
	10 Bonnet					41 Bonnet				
	11 Spring / Number N/A				M	1	42 Spring / Number P416	1		
	12 Spring Buttons				A	10	43 Spring Buttons			
	13 Spindle / Stem ☐ Mild ☐ Subst ☐ Sev				A	10	44 Spindle / Stem			
	14 Stem Retainer ☐ Mild ☐ Subst ☐ Sev						45 Stem Retainer			
	15 Guide ☐ Mild ☐ Subst ☐ Sev				A	10	46 Guide			
	16 Bellows						47 Bellows			
	17 Ring Pin				A	10	48 Ring Pin			
	18 Blowdown Ring(s)						49 Blowdown Ring			
	19 Disc Holder ☐ Mild ☐ Subst ☐ Sev				A	10	50 Disc Holder			
	20 Disc ☐ Mild ☐ Subst ☐ Sev				T	5	51 Disc			
	21 Nozzle ☐ Mild ☐ Subst ☐ Sev				T	5	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				A	10	58 Body			
	28 Gaskets				Z	W	1	59 Gasket Set	1	
	29 Inlet ☐ Mild ☐ Subst ☐ Sev				A	10	60 Reset Tag (SPM 3.3 ; 3.4)	1		
	30 Outlet ☐ Mild ☐ Subst ☐ Sev				A	10	61 Shop Supplies	1		
31 Lap Nozzle to Base				62 Hazardous Waste Disposal	1					
Additional: ☐ Cleaning ☐ Lapping Nozzle ☐ Lapping Disc ☐ Pipe Fitting for Reassembly & Test ☐ Recommended Replacements CHANGED VALVE EXCHANGE PROGRAM										
POST ASSEMBLY INSPECTION & SIGN OFF (Refer to OR8 #14): JM DATE: May.03/10 NEW MODEL#:										
MEASMT. DATA	IM&T Equipment (REF. SPM 05)				Linial# 3206		Pressure# 0556/3142	Test Bench# 3307		
	Min. Man. Specified Dimensions		Dimensions As Found		Dimensions After Machining		Action Taken			
	Disc Ht. 0.4900	Step 0.0100	Disc Ht. 0.5000	Step 0.0230	Disc Ht. _____	Step _____	☒ Accept	☐ Machine		
	Nozzle Ht. 0.2650	Step _____	Nozzle Ht. 0.2880	Step _____	Nozzle Ht. _____	Step _____	☐ Customer Review			
TEST DATA	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: 250 psig 1724 kpag QR018C Item #: _____ ☐ Lift Lever Ass'y Secured									
	Back Pressure: _____ psig _____ kpag Capacity: 860 SCFM/AIR Service Interval: _____ Months Date: MAY.06/10									
	Cold Diff. Set: _____ psig _____ kpag Reseat: _____ Ring Setting: Upper: _____ Tested By: RIK									
	Bellows Test @: _____ psig _____ kpag Blowdown: _____ Lower: ±5 Witness: ROB									
	Back Press. Test: 100 psig _____ kpag									
	Leakage Rate: 0 BPM									
	☒ Ends Covered ☒ Appearance ☒ Packing Slip ☒ Painting ☒ Tagging EDM - 13177 Final Inspection: LS									
	Comments: _____									