

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 . 43 . 60		WO#: 67844001		CST Tag #: GAS PLANT		PCI ID: S31269										
Assoc. Doc # 64570		3000														
Customer Instructions: REPAIR AND SET @ 150 PSI Contact: _____ CC#: _____																
Requested Completion Date: MAY.19/10 A#: 225183 LSD: 08-32-34-17W4 Phone: _____																
INCOMING RECEIVING	Make: CONSOLIDATED Model: 1990C-1 S/N: TG79791 Shop # _____ CRN#: 01832.568312															
	Size: 1 In _____ Orf. 1 Out _____ End Type: SCREWED Cap Assy.: ☐ Open ☒ Closed ☐ Lift Lever Adj. Screw Meas. 1.320															
	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: _____ Data Plate Condition: REPLACE															
PRE TEST	Op. Temp.: _____ C Capacity: 451 SCFM/AIR Code Symbol: ☐ V ☒ UV ☐ HV ☐ NB ☐ None ☐ Other															
	Set Pressure: 240 psig 1655 kpag Back Pressure: _____ psig _____ kpag Cold Differential Set: _____ psig _____ kpag Info. Verification: JERRY															
	Set Pressure: _____ psig _____ kpag Tested By: _____ Testing Medium: _____ ☐ PASS															
	Relieve Press.: _____ psig _____ kpag Reseat Press.: _____ psig _____ kpag No Reseat: _____ ☐ FAIL															
Comments: 1 ST : _____ psig 2 ND : _____ psig 3 RD : _____ psig Leakage Rate: _____ BPM																
LABOUR: Dismantle JERRY Inspection KZ Reassemble KIM																
INTERNAL CONDITIONS See SWI# 4043 on the left of this document for definitions.																
IN PROCESS INSPECTION & RECONDITIONING: (REF. SPM 03; 04; 07; 08; 09; 10; 11; 12.)	CONDITION CODES		ITEM DESCRIPTION		COND. CODES		WORK CODES		QTY		MATERIAL:		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				A		10				38 Cap Assembly			
			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 AA-18				M		W		1		42 Spring / Number AA17		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				A		10				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																
VALVE EXCHANGE PROGRAM																
POST ASSEMBLY INSPECTION & SIGN OFF (Refer to OR8 #14): KIM DATE: Apr.22/10 NEW MODEL#:																
MEASMT. DATA	IM&T Equipment (REF. SPM 05)				Linial# 3206		Pressure# 1740/1738		Test Bench# 3307							
	Min. Man. Specified Dimensions		Dimensions As Found		Dimensions After Machining		Action Taken									
	Disc Ht. 0.4900 Step 0.0100		Disc Ht. 0.4915 Step 0.0180		Disc Ht. _____ Step _____		☒ Accept ☐ Machine									
	Nozzle Ht. 0.1780 Step _____		Nozzle Ht. 0.1885 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: 150 psig 1034 kpag QR018C Item #: _____ ☐ Lift Lever Ass'y Secured															
	Back Pressure: _____ psig _____ kpag Capacity: 299 SCFM/AIR Service Interval: _____ Months Date: APR.22/10															
	Cold Diff. Set: _____ psig _____ kpag Reseat: _____ Ring Setting: Upper: _____ Tested By: KHC															
	Bellows Test @: _____ psig _____ kpag Blowdown: _____ Lower: FIXED Witness: ROB															
Back Press. Test: 100 psig _____ kpag ☒ Ends Covered ☒ Appearance ☒ Packing Slip EDM - 13177 Final Inspection: LS																
Leakage Rate: 0 BPM ☒ Painting ☒ Tagging																
Comments: _____																