

 POWELL		POWELL CANADA INC. 5205 62 Street, Lloydminster, AB. T9V 2E3 PH: (780) 875-5241 FAX (780) 875-1165				Date: Oct.1/15							
QR7		66101469		INSPECTION AND TEST REPORT - PSV / PRV			0300 - VLP01046.3.5		Revision: 44-5396				
Customer: HUSKY ENERGY		Location: AB. SOUTH GAS		CUST PO#: 8401010261 /			PCI ID: 7907-20		Date: Oct.27/15				
PROJ.#: VLP01046		Task #:		CST Tag #: ID# 3415 / COMPRESSOR DISCHARGE				Assoc. Doc #: N/A		Sales Code			
Customer Instructions: Pre-test & Repair										CC#: 81034099			
Requested Completion Date: Oct.29/15 LSD: 6-25-46-3W4										Contact: GREG GRAHAM Phone: 780-209-2121			
INCOMING RECEIVING	Make: TAYLOR		Model: T-8200-1		S/N: 7907-20		CRN#: OG1316.2C						
	Size: 1 In E Orf. 1 Out		End Type: SCREWED (M)		Flange Rating: 150 X 150		Cap Assy.: ☐ Open ☒ Closed ☐ Lift Lever						
	Visual Condition: ☐ Good ☒ Fouling ☒ Dirty ☐ Plugged		Condition Rating: ☐ New ☒ Routine ☐ BER		Rec'd Condition: ☐ CORRECT ☒ INCORRECT								
	Seal Condition: Top: Good Bottom:		Insignia: GC		Last Service Date: Jun.08/10		Data Plate Condition: REPLACE						
	Equip. ID:		Vessel ID:		Vessel S/N:		Vessel MAWP:		Vessel A#: N/A				
PRE TEST	Op.Temp.: C		Capacity: 761 SCFM/AIR		Code Symbol: ☐ V ☒ UV ☐ HV ☒ NB ☐ None ☐ Other								
	Set Pressure.: 200 psig 1724 kpag		Back Pressure.: psig kpag		CDTP: 200 psig 1724 kpag		Adj. Screw Meas. 1.390		Info. Verification: JB				
	☒ YES ☐ NO		Set Pressure: 200 psig kpag		Reseat Press.: 171 psig kpag		Testing Medium: AIR		☒ PASS ☐ FAIL				
	Comments: Relieve Press.: 204 psig kpag		Tested By: DC		Leakage Rate: 0 BPM		No Reseat:						
LABOUR: Dismantle: JB Inspection: JB/DC Reassemble: JB													
IN PROCESS INSPECTION & RECONDITIONING: (REF. SPM 03; 04; 07; 08; 09; 10; 11; 12.)	SWI 4043 CONDITION CODES 1 - Good 2 - Bent 3 - Broken 4 - Clean 5 - Cracked 6 - Collapsed 7 - Corroded Mild 8 - Corroded Severe 9 - Deposits Light 10 - Deposits Heavy 11 - Eroded 12 - Galled 13 - Incorrect 14 - Inoperable 15 - Missing 16 - Out of Tolerance 17 - Pitted 18 - Plugged 19 - Poor 20 - Marked 21 - Scored/Scratched 22 - Leaks 23 - Requires Replacing 24 - Requires Re-Aluminizing 25 - Seized 26 - Worn 27 - Stripped 28 - Non-OEM 29 - Threads Stripped 30 - Blown 31 - Pin Holes 32 - Spindle Runout 33 - Steam Cut 34 - N/A WORK CODES A - Replaced B - Renew Next Repair C - Lapped & Machined D - Machined E - Lapped F - Polished G - Re-Aluminized H - Left Alone I - Repaired J - Clean & Use K - Welded L - N/A		ITEM	DESCRIPTION	INTERNAL CONDITIONS See SWI# 4043 on the left of this document for definitions.	COND. CODES	WORK CODES	QTY	MATERIAL:				
			ITEM	DESCRIPTION					QTY	PCI P.O. #			
			1	Recondition & Test					1	28	1" 150 IR FLEX	1	
			2	Priority Rate						29	1" 150 IR FLEX	1	
			3	Certification Test Only						30			
			4	Pre Pop Test					1	31			
			5	Back Pressure Test					1	32	Duplicate Name Plate (SPM 3.5)		
			6	Bellows Test						33	Sub Contractor		
			7	Cap Assembly ☐ Mild ☐ Subst ☐ Sev					1	34	Cap Assembly		
			8	Repack Lift Lever						35	Lift Lever		
			9	Adjusting Screw / Nut ☐ Mild ☐ Subst ☐ Sev					1	36	Adjusting Screw / Nut		
			10	Bonnet						37	Bonnet		
			11	Spring / Number					1	38	Spring / Number		
			12	Spring Buttons					1	39	Spring Buttons		
			13	Spindle / Stem ☐ Mild ☐ Subst ☐ Sev					1	40	Spindle / Stem		
			14	Stem Retainer ☐ Mild ☐ Subst ☐ Sev						41	Stem Retainer		
			15	Guide ☐ Mild ☐ Subst ☐ Sev						42	Guide		
			16	Bellows						43	Bellows		
			17	Ring Pin						44	Ring Pin		
			18	Blowdown Ring(s)						45	Blowdown Ring		
			19	Disc Holder ☐ Mild ☐ Subst ☐ Sev						46	Disc Holder		
			20	Disc ☐ Mild ☐ Subst ☐ Sev					21	47	Disc		
			21	Nozzle ☐ Mild ☐ Subst ☐ Sev					1	48	Nozzle		
			22	Seat Frame					1	49	Seat Frame		
			23	Body					1	50	Body		
			24	Gaskets					26	51	Gasket Set	1	
			25	Inlet ☐ Mild ☐ Subst ☐ Sev					1	52	Repair Name Plate (SPM 3.3 ; 3.4)	1	
26	Outlet ☐ Mild ☐ Subst ☐ Sev	1	53	Shop Supplies	1								
27			54	Hazardous Waste Disposal	1								
COMMENTS	Additional: ☐ Cleaning ☐ Lapping Nozzle ☐ Lapping Disc ☐ Pipe Fitting for Reassembly & Test ☐ Recommended Replacements												
	VALVE IN GOOD CONDITION.												
POST ASSEMBLY INSPECTION & SIGN OFF (Refer to QR8 #14): DENNIS CARDINAL DATE: Oct.28/15 NEW MODEL #:													
MEASMT. DATA	IM&T Equipment (REF. SPM 05)		Linial#		Pressure# 3138/3139		Test Bench# 3005508						
	Min. Man. Specified Dimensions		Dimensions As Found		Dimensions After Machining		Action Taken						
Disc Ht. _____ Step _____		Disc Ht. _____ Step _____		Disc Ht. _____ Step _____		☐ Accept ☐ Machine							
Nozzle Ht. _____ Step _____		Nozzle Ht. _____ Step _____		Nozzle Ht. _____ Step _____		☐ Customer Review							
TEST DATA	Set Press: Definition: POP		Tolerance: 3%		Set Using: ☒ Air ☐ Nitrogen ☐ H2O ☐ Air / H2O ☐ Steam		☒ Lock Nut Secured						
	Set Pressure Change: ☐ Yes ☒ No		☐ New Spring ☐ Non Code Repair		QR018B Item #: _____		☐ Ring Pin Torqued						
	Set Pressure: 200 psig 1724 kpag				QR018C Item #: _____		☐ Lift Lever Ass'y Secured						
	Back Pressure: _____ psig _____ kpag		Capacity: 761.0 SCFM/AIR				☒ Seals Installed						
	CDTP: 200 psig 1724 kpag		Reseat: _____		Ring Setting Upper: _____		Date: Oct.28/15						
	Bellows Test @: _____ psig _____ kpag		Blowdown: _____		Lower: FIXED		Tested By: DC						
	Back Press. Test: 100 psig _____ kpag						Witness: JB						
Leakage Rate: 0 BPM		Cap Color: WHITE		☒ Ends Covered ☒ Appearance ☒ Packing Slip		Final Inspection: JB							
Comments: _____		☒ Painting ☒ Tagging		LLD - 13023									