

PRV-Inspection and Test Report

Date: 6/1/2011

tyco Flow Control

Tyco Facility: GRANDE PRAIRIE

Customer: CANADIAN NATURAL RESOURCES

LSD / LOC: 11-33-073-09W6M

Cust. Loc.: WEMBLEY

LSD / LOC2: N/A 3 PHASE SEPARATOR

Valve / Tag Information

Tag #:	MWS64109	Tyco SO #:	7208037 40194887	Tyco ID #:	G23271
Vessel S/N:	N/A 1581-V400 B	A Number:	1581-HSP-400B	Shop #:	N/A
Make:	FARRIS	Cap Type:	Closed Cap	ASME Code:	UV
Model:	26DA13-120	S/N:	488404-3-A10	Orifice:	D
CRN:	OG8442.5C	Inlet:	1" 600 RF	Outlet:	2" 150 RF

Previous Repair Data

Last Srvc Dt:	6/1/2007	Insignia:	TBG	Data Plate:	Good
Seals Cond.:	In Tact	Reset Req.:	No	O ₂ Cleaning:	No
Set:	1376 PSIG	Back Press.:	N/A	Temp.:	N/A
Cold Set:	N/A	Capacity:	3605 SCFM		
New Set:	N/A	New Cap.:	N/A		
Spcl Instr.:	Pretest and Repair as Required				

PreTest Results

Rlvg. Press.:	1389 PSIG	Results:	EXCESSIVE LEAK
Visual Insp.:	2ND N/A LEAKED FROM START FAIL (LIQUID)		

Critical Parts Inspection / Verification

Spring #:	UNKN	Range:	N/A	Spindle Runout:	N/A
Nozzle-Min:	4.125	Disc-Min:	.156	Guide-Max:	N/A
Actual:	4.188	Actual:	.171	Actual:	.5635
				Disc Holder-Min:	N/A
				Actual:	.5610
				Clearance:	0.0025

Valve Beyond Economical Repair: No

Make: N/A

Model: N/A

Valve Replaced: No

New S/N: N/A

Repair Data			Replace Next Service	Comments
Part	As Found Condition	Action Performed		
Body / Base	ACCEPTABLE	N/A	No	
Bonnet / Yoke	N/A	N/A	No	
Cap / Lever	ACCEPTABLE	N/A	No	
Springs / Washers	ACCEPTABLE	N/A	No	
Nozzle	SCRATCHED	LAP / POLISH	No	
Disc	SCRATCHED	LAP / POLISH	No	
Bellows	N/A	N/A	No	
Blowdown Rings / Pins	ACCEPTABLE	N/A	No	
Inlet	ACCEPTABLE	N/A	No	
Outlet	ACCEPTABLE	N/A	No	
Stem / Point	ACCEPTABLE	N/A	No	
Guide	ACCEPTABLE	N/A	No	
Disc Holder	ACCEPTABLE	N/A	No	
Comp Screw / Lock	ACCEPTABLE	N/A	No	
Pilot	N/A	N/A	No	
Piston	N/A	N/A	No	
Liner	N/A	N/A	No	
Soft Goods/Gaskets	WORN	REPLACED	No	
Accessories	N/A	N/A	No	
Other	N/A	N/A	No	

Inspection: KEN H
Condition Rating: Routine

Disassembly: JORY
Reassembly: JORY

Final Test Results

Set Pressure Definition (NB-18): POP

Stamp Set: 1376 PSIG

Actual Set: 1376 PSIG

Leakage: 2 BPM

Parts Replaced: N/A

Repair Comments: N/A

Tested By: JIM T

Customer / Inspector: N/A

Replaces Valve S/N: N/A

Cold Set: N/A

Simmer: 1372 PSIG

Back Press.: 30 PSIG

Test Medium: AIR

Upper Ring Set: N/A

Lower Ring Set: -42

Gauge ID: GP13/DM1

Inspected By: KEN H

Replaces Valve Tag: N/A

VBS5AL 40194887

S/N 1581-V400 B