

### PRV-Inspection and Test Report

Date: 6/1/2011



Tyco Facility: **GRANDE PRAIRIE**  
 Customer: **CANADIAN NATURAL RESOURCES**  
 LSD / LOC: **14-31-073-09W6M**

Cust. Loc.: **WEMBLEY**  
 LSD / LOC2: **N/A**

#### Valve / Tag Information

Tag #:	<b>MWS64101</b>	Tyco SO #:	<b>7208038</b>	Tyco ID #:	<b>G23273</b>
Vessel S/N:	<b>N/A</b>	A Number:	<b>1582-HSP-400D</b>	Shop #:	<b>N/A</b>
Make:	<b>FARRIS</b>	Cap Type:	<b>Closed Cap</b>	ASME Code:	<b>UV</b>
Model:	<b>26DA13-120</b>	S/N:	<b>489238-5-A10</b>	Orifice:	<b>D</b>
CRN:	<b>OG8442.5C</b>	Inlet:	<b>1" 600 RF</b>	Outlet:	<b>2" 150 RF</b>

#### Previous Repair Data

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

#### PreTest Results

Rlvg. Press.:	<b>1385 PSIG</b>	Results:	<b>AUDIBLE LEAK</b>
Visual Insp.:	<b>2ND 1370 PSIG FAIL (LIQUID)</b>		

#### Critical Parts Inspection / Verification

Spring #:	<b>HE0350 CR</b>	Range:	<b>N/A</b>	Spindle Runout:	<b>N/A</b>
Nozzle-Min:	<b>4.125</b>	Disc-Min:	<b>.156</b>	Guide-Max:	<b>.563</b>
Actual:	<b>4.266</b>	Actual:	<b>.210</b>	Actual:	<b>.563</b>
				Disc Holder-Min:	<b>.561</b>
				Actual:	<b>.561</b>
				Clearance:	<b>0.0020</b>

Valve Beyond Economical Repair: **No** Valve Replaced: **No**  
 Make: **N/A** Model: **N/A** 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	SCORED	LAP / POLISH	No	
Disc	SCORED	LAP / POLISH	No	
Bellows	N/A	N/A	No	
Blowdown Rings / Pins	N/A	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** Disassembly: **LOGAN J**  
 Condition Rating: **Routine** Reassembly: **LOGAN J**

#### Final Test Results

Set Pressure Definition (NB-18):	<b>POP</b>	Cold Set:	<b>N/A</b>	Test Medium:	<b>AIR</b>
Stamp Set:	<b>1376 PSIG</b>	Simmer:	<b>1371 PSIG</b>	Upper Ring Set:	<b>N/A</b>
Actual Set:	<b>1376 PSIG</b>	Back Press.:	<b>30 PSIG</b>	Lower Ring Set:	<b>-42</b>
Leakage:	<b>3 BPM</b>			Gauge ID:	<b>GP13/DM1</b>
Parts Replaced:	<b>N/A</b>				
Repair Comments:	<b>N/A</b>				
Tested By:	<b>JIM T</b>	Inspected By:	<b>KEN H</b>		
Customer / Inspector:	<b>N/A</b>				
Replaces Valve S/N:	<b>N/A</b>	Replaces Valve Tag:	<b>N/A</b>		

*NOT AT THIS LOCATION*