



PRV INSPECTION AND TEST REPORT

BRANCH: Calgary

UVL ID#: 22333C

Work Order: 129183

Customer PO#: MP529403

Customer: ENERFLEX LTD

Date: 10/14/2010

Facility: CALGARY

LSD:

PSV Location:

A#:

Vessel SN:

Cust Id:

Cust. Ref.:

Valve PO: MP529403

PO Line#:

Cust WO#:

Cust AFE#:

Cost Centre #:

VALVE DATA

Man.: FARRIS

Model: 27FA45-M20

Serial: 514263-8-KE

Seat: Soft

Conn: Threaded

Inlet: 1.5" MNPT

Orifice: F

Outlet: 2" FNPT

Set Pres: 150 PSI

Back Press: PSI

Cold/Diff Set: PSI

Temp: N/A

Cap: 1012 SCFM

Lift Lever: ☐

Cap Assembly: Closed

Code Symbol: UV

CRN#: 0G036.9C

CUSTOMER INSTRUCTIONS

Instructions: Service, & Reset

Pretest Required? ☐Reset Required? ☒

Replaces UVL ID#:

Replaces Serial #:

Replaces Cust ID#:

RESET INFO: New Pressure: 60 PSI

New Cold/Diff: PSI

New Capacity: 454 SCFM

New Model:

CONDITION AS RECEIVED

Visual Condition: Good

Data Plate Condition: OK

Date of last service: N/A

Seal Condition: Top: Intact

Bottom: N/A

Insignia: FE

Fittings Attached: Inlet: ☐ Outlet: ☐

Inlet: Oily

Inlet Plugged: ☐

Outlet: Oily

Outlet Plugged: ☐

Initial Insp. Signoff: Scott Porter

PRETEST 1

Simmer:

Set Press:

Reseat:

Leakage:

Test gauge:

Tested by:

Pretest comments:

PRETEST 2

Simmer:

Set Press:

Reseat:

Leakage:

Test gauge:

Tested by:

Pretest comments:

ITEM	CLEAN	OILY	RUSTY	CARBON	OTHER	COMMENTS	OK / REPLACE	REPLACED?	REPAIRS PERFORMED
0									
DISC	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Scratched	OK	<input type="checkbox"/>	Lap and Polish
NOZZLE	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Scratched	OK	<input type="checkbox"/>	Lap and Polish
CAP-LEVER ASSY	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		OK	<input type="checkbox"/>	
COMP SCREW and LOCKNUT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		OK	<input type="checkbox"/>	
SPRING and BUTTONS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Reset	REPLACE	<input checked="" type="checkbox"/>	F3099SS
SPINDLE / STEM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		OK	<input type="checkbox"/>	
STEM RETAINER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A		<input type="checkbox"/>	
DISC HOLDER	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		OK	<input type="checkbox"/>	
GUIDE / UPPER RING	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		OK	<input type="checkbox"/>	
LOWER RING	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A		<input type="checkbox"/>	
RING PIN(S)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A		<input type="checkbox"/>	
BELLOWS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A		<input type="checkbox"/>	
GASKET / SEALS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Crushed	REPLACE	<input checked="" type="checkbox"/>	
CONNECTION ENDS	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		OK	<input type="checkbox"/>	
OTHER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A		<input type="checkbox"/>	

Disc: MIN= .734

ACT= .750

Nozzle: Min: .960

ACT= .963

Spring Number: F3113SS

Comments:

Disassembly: Scott Porter

Inspection: Scott Porter

Reassembly: Scott Porter

FINAL TEST:

Test Medium: Air

Simmer: 58 PSI

Set Pressure:

60 PSI X

Reseat:

53 PSI

Leakage Acceptable as per API 527.: ☒

B.P. Test:

60 PSI

ADJ. RING SETTING (NOTCHES): Upper: N/A

Lower: N/A

Test Gauge: UVC01/15

Set Press Def: POP

Tested by: Johnny Karman

FINAL INSPECTION:

SEAL:

Top: ☒Bottom: ☒End Protectors Installed: ☒Painted: ☒Palletized: ☐Ship Container: ☐Flex Gaskets Supplied: ☐

Final Inspection: Scott Porter

Customer Inspection

Comments: - New Spring #F3099SS. Range 58-68 PSI

**PRV INSPECTION AND TEST REPORT**

BRANCH: Calgary

UVL ID#: 22325C

Work Order: 129181

Customer PO#: MP529406

Customer: ENERFLEX LTD

Date: 10/14/2010

Facility: CALGARY

LSD:

PSV Location:

A#:

Vessel SN:

Cust Id: PSV-0501

Cust. Ref.:

Valve PO: MP529406

PO Line#:

Cust WO#:

Cust AFE#:

Cost Centre #:

VALVE DATA

Man.: FARRIS Model: 26FA12-140 Serial: 568563-3-A10 Seat: Hard
Conn: Flanged Inlet: 1.5" 300RF Orifice: F Outlet: 2" 150RF
Set Pres: 645 PSI Back Press: PSI Cold/Diff Set: 662 PSI Temp: Cap: 4289 SCFM
Lift Lever: ☐ Cap Assembly: Closed Code Symbol: UV CRN#:

CUSTOMER INSTRUCTIONS

Instructions: Pretest, Service, & Reset

Pretest Required? ☒ Reset Required? ☒

Replaces UVL ID#:

Replaces Serial #:

Replaces Cust ID#:

RESET INFO: New Pressure: 645 PSI

New Cold/Diff: PSI

New Capacity: 4225 SCFM

New Model:

CONDITION AS RECEIVED

Visual Condition: Good

Data Plate Condition: OK

Date of last service:

Seal Condition: Top: Intact

Bottom: Intact

Insignia: FE

Fittings Attached: Inlet: ☐ Outlet: ☐

Inlet: Clean

Inlet Plugged: ☐

Outlet: Clean

Outlet Plugged: ☐

Initial Insp. Signoff: Scott Porter

PRETEST 1

Simmer: 662 PSI Set Press: 667 PSI Reseat: 563 PSI Leakage: 10 BPM Test gauge: UVC01/02

Tested by: Daniel Menard

Pretest comments: WORKS GOOD

PRETEST 2

Simmer: PSI Set Press: PSI Reseat: PSI Leakage: BPM Test gauge:

Tested by:

Pretest comments:

ITEM	CLEAN	OILY	RUSTY	CARBON	OTHER	COMMENTS	OK / REPLACE	REPLACED?	REPAIRS PERFORMED
0									
DISC	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Scratched	OK	<input type="checkbox"/>	Lap and Polish
NOZZLE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Scratched	OK	<input type="checkbox"/>	Lap and Polish
CAP-LEVER ASSY	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		OK	<input type="checkbox"/>	
COMP SCREW and LOCKNUT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		OK	<input type="checkbox"/>	
SPRING and BUTTONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	RESET	REPLACE	<input checked="" type="checkbox"/>	G0101CR
SPINDLE / STEM	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		OK	<input type="checkbox"/>	
STEM RETAINER	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		OK	<input type="checkbox"/>	
DISC HOLDER	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		OK	<input type="checkbox"/>	
GUIDE / UPPER RING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		OK	<input type="checkbox"/>	
LOWER RING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		OK	<input type="checkbox"/>	
RING PIN(S)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		OK	<input type="checkbox"/>	
BELLOWS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A		<input type="checkbox"/>	
GASKET / SEALS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Crushed	REPLACE	<input checked="" type="checkbox"/>	
CONNECTION ENDS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		OK	<input type="checkbox"/>	
OTHER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A		<input type="checkbox"/>	

Disc: MIN= .265

ACT= .284

Nozzle: Min: 4.375

ACT= 4.463

Spring Number:

Comments:

Disassembly: Scott Porter

Inspection: Scott Porter

Reassembly: Scott Porter

FINAL TEST:

Test Medium: Air Simmer: 643 PSI Set Pressure: 645 PSI

Reseat: 563 PSI Leakage Acceptable as per API 527.: ☒ B.P. Test: 60 PSI

ADJ. RING SETTING (NOTCHES): Upper: N/A Lower: -8 Test Gauge UVC01/02

Set Press Def: POP

Tested by: Daniel Menard

FINAL INSPECTION:SEAL: Top: ☒ Bottom: ☒ End Protectors Installed: ☒ Painted: ☒ Palletized: ☐ Ship Container: ☐ Flex Gaskets Supplied: ☐

Final Inspection: Scott Porter

Customer Inspection

Comments:

RESET TAG INSTALLED

NEW SPRING G0101CR INSTALLED. RANGE 595-654 PSI



PRV INSPECTION AND TEST REPORT

BRANCH: Calgary

UVL ID#: 22326C

Work Order: 129181

Customer PO#: MP529406

Customer: ENERFLEX LTD

Date: 10/14/2010

Facility: CALGARY

LSD:

PSV Location:

A#:

Vessel SN:

Cust Id: PSV-0502

Cust. Ref.:

Valve PO: MP529406

PO Line#:

Cust WO#:

Cust AFE#:

Cost Centre #:

VALVE DATA

Man.: FARRIS Model: 26FA13-120 Serial: 513872-1-A10 Seat: Hard
Conn: Flanged Inlet: 1.5" 600RF Orifice: F Outlet: 2" 150RF
Set Pres: 800 PSI Back Press: PSI Cold/Diff Set: PSI Temp: 350 F Cap: 5220 SCFM
Lift Lever: ☐ Cap Assembly: Closed Code Symbol: UV CRN#:

CUSTOMER INSTRUCTIONS

Instructions: Pretest, Service, & Reset

Pretest Required? ☒Reset Required? ☒

Replaces UVL ID#:

Replaces Serial #:

Replaces Cust ID#:

RESET INFO: New Pressure: 645 PSI

New Cold/Diff: PSI

New Capacity: 4225 SCFM

New Model:

CONDITION AS RECEIVED

Visual Condition: Good Data Plate Condition: OK Date of last service:
Seal Condition: Top: Intact Bottom: Intact Insignia: FE Fittings Attached: Inlet: ☐ Outlet: ☐
Inlet: Clean Inlet Plugged: ☐ Outlet: Clean Outlet Plugged: ☐ Initial Insp. Signoff: Scott Porter

PRETEST 1

Simmer: 797 PSI Set Press: 800 PSI Reseat: 705 PSI Leakage: 5 BPM Test gauge: UVC01/03
Tested by: Daniel Menard Pretest comments: WORKS GOOD

PRETEST 2

Simmer: PSI Set Press: PSI Reseat: PSI Leakage: BPM Test gauge:
Tested by: Pretest comments:

ITEM	CLEAN	OILY	RUSTY	CARBON	OTHER	COMMENTS	OK / REPLACE	REPLACED?	REPAIRS PERFORMED
Q									
DISC	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Scratched	OK	<input type="checkbox"/>	Lap and Polish
NOZZLE	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Scratched	OK	<input type="checkbox"/>	Lap and Polish
CAP-LEVER ASSY	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		OK	<input type="checkbox"/>	
COMP SCREW and LOCKNUT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		OK	<input type="checkbox"/>	
SPRING and BUTTONS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	RESET	REPLACE	<input checked="" type="checkbox"/>	G0101CR
SPINDLE / STEM	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		OK	<input type="checkbox"/>	
STEM RETAINER	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		OK	<input type="checkbox"/>	
DISC HOLDER	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		OK	<input type="checkbox"/>	
GUIDE / UPPER RING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		OK	<input type="checkbox"/>	
LOWER RING	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		OK	<input type="checkbox"/>	
RING PIN(S)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		OK	<input type="checkbox"/>	
BELLOWS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A		<input type="checkbox"/>	
GASKET / SEALS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Crushed	REPLACE	<input checked="" type="checkbox"/>	
CONNECTION ENDS	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		OK	<input type="checkbox"/>	
OTHER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N/A		<input type="checkbox"/>	

Disc: MIN= .265

ACT= .283

Nozzle: Min: 4.375

ACT= 4.461

Spring Number:

Comments:

Disassembly: Scott Porter

Inspection: Scott Porter

Reassembly: Scott Porter

FINAL TEST:

Test Medium: Air Simmer: 643 PSI Set Pressure: 645 PSI
Reseat: 562 PSI Leakage Acceptable as per API 527.: ☒ B.P. Test: 60 PSI
ADJ. RING SETTING (NOTCHES): Upper: N/A Lower: -2 Test Gauge UVC01/02 Set Press Def: POP
Tested by: Daniel Menard

FINAL INSPECTION:

SEAL: Top: ☒ Bottom: ☒ End Protectors Installed: ☒ Painted: ☒ Palletized: ☐ Ship Container: ☐ Flex Gaskets Supplied: ☐
Final Inspection: Scott Porter Customer Inspection
Comments: RESET TAG INSTALLED
NEW SPRING G0101CR INSTALLED. RANGE 595-654 PSI