

CUSTOMER: TORON		TYCO VALVES & CONTROLS - EDMONTON		ORDER# 3076352-00
CUSTOMER PO# P0N194535		ANDERSON GREENWOOD CROSBY		DATE: 05/19/06
VALVE TYPE/ASSEMBLY 4MB J051E155/82324000E		FUNCTIONAL TEST REPORT		LEAK TEST PROCEDURE A.P.I. STANDARD 827
SERIAL NO.	TAG	CAPACITY RATING	BACK PRESSURE TEST	ASSY TECH

	GAUGE# (FINAL)	SET NAME/PLATE	SPECIFIED RESEAT	LEAK TEST	TESTED BY
	42104	270 PSIG	— PSIG	243 PSIG	
		CDTP		1 min TIME	
1) COG-09720	PSV-201	20072 SCFH	30PSIG	SB	FYM
2)					
3) #06128961					
4)					
5)					
6)					
7)					
8)					
9)					
10)					

TRACEABILITY REQUIREMENTS - HEAT/CODE NUMBERS FOR TRACEABLE COMPONENTS

BODY/CYLINDER	BASE	BONNET	NOZZLE	DISC	CDTP CALCULATION:
1) 26580		25907	446M		SET NAME/PLATE:
2)					- BACK PRESS:
3)					+ TEMP CORR:
4)					C.D.T.P. =
5)					GENERAL COMMENTS:
6)					1861 KPAG
7)					
8)					
9)					
10)					

ALL PRESSURES IN "PSIG" UNLESS OTHERWISE INDICATED.		3rd PARTY INSPECTION		TEST MEDIUM	
(1) BUBBLES PER MINUTE (AIR), CUBIC CENTIMETER PER MINUTE (LIQUID), ACCEPTABLE "0" STEAM		SIGNATURE	DATE	GAS/APOUR	
				LIQUID	
				STEAM	
				INSPECTED BY / DATE	
				S BUC	

12141

26

CUSTOMER: TORONTO ENERGY SYSTEMS		TYCO VALVES & CONTROLS - EDMONTON	
CUSTOMER PO# PON194535		ANDERSON GREENWOOD CROSBY	
VALVE TYPE/ASSEMBLY# 24H3505E155/82310000E		FUNCTIONAL TEST REPORT	
SERIAL NO.	TAG	CAPACITY RATING	BACK PRESSURE TEST
1) C06-15182	PSV-304	2523 SCFH	30 PSIG SB
2) #6661289105			
3)			
4)			
5)			
6)			
7)			
8)			
9)			
10)			

TRACEABILITY REQUIREMENTS - HEAT/CODE NUMBERS FOR TRACEABLE COMPONENTS

BODY/CYLINDER	BASE	BONNET	NOZZLE	DISC	CDTP CALCULATION:
1) 27222		26463	1257		SET NAMEPLATE:
2)					- BACK PRESS:
3)					+ TEMP CORR:
4)					C.D.T.P. =
5)					GENERAL COMMENTS:
6)					1034 KPAG
7)					
8)					
9)					
10)					

ALL PRESSURES IN "PSIG" UNLESS OTHERWISE INDICATED.
(1) BUBBLES PER MINUTE (AIR), CUBIC CENTIMETER PER MINUTE (LIQUID),
ACCEPTABLE "0" STEAM

3rd PARTY INSPECTION	SIGNATURE	DATE	TEST MEDIUM
			GAS/VAPOUR
			LIQUID
			STEAM

S B W L

INSPECTED BY / DATE

25

CUSTOMER: TORONTO ENERGY SYSTEMS		TYCO VALVES & CONTROLS - EDMONTON		ORDER# 3076352-00
CUSTOMER PO# PONTI 194535		ANDERSON GREENWOOD CROSBY		DATE: 05/19/06
VALVE TYPE/ASSEMBLY# 314 JOSE 355/82316000E		FUNCTIONAL TEST REPORT		GAUGE# (FINAL) 47364
SERIAL NO.	TAG	CAPACITY RATING	BACK PRESSURE TEST	ASSY TECH
1) C05-45978	PSV-324	7935 SCFH	30 PSIG	MB
2) 66188966				
3)				
4)				
5)				
6)				
7)				
8)				
9)				
10)				

TRACEABILITY REQUIREMENTS - HEAT/CODE NUMBERS FOR TRACEABLE COMPONENTS

BODY/CYLINDER	BASE	BONNET	NOZZLE	DISC	CDTP CALCULATION:
1) 26853		E814	7340K		SET NAMEPLATE:
2)					- BACK PRESS:
3)					+ TEMP CORR:
4)					C.D.T.P. =
5)					GENERAL COMMENTS:
6)					2069 KPAG
7)					
8)					
9)					
10)					

ALL PRESSURES IN "PSIG" UNLESS OTHERWISE INDICATED.		3rd PARTY INSPECTION		TEST MEDIUM		INSPECTED BY / DATE
(1) BUBBLES PER MINUTE (AIR), CUBIC CENTIMETER PER MINUTE (LIQUID), ACCEPTABLE "0" STEAM		SIGNATURE	DATE	GAS/VAPOR	S BUC	
				LIQUID		

21

CUSTOMER: FORO ENERGY SYSTEMS		TYCO VALVES & CONTROLS - EDMONTON	
CUSTOMER PO# PON194535		ANDERSON GREENWOOD CROSBY	
VALVE TYPE/ASSEMBLY# 961101HA/74863000		FUNCTIONAL TEST REPORT	
SERIAL NO. 110	TAG	CAPACITY RATING	BACK PRESSURE TEST
1) C06-22248	PSV-314	786 scfm	30PSIG
2) #66188967			
3)			
4)			
5)			
6)			
7)			
8)			
9)			
10)			

ORDER# 3076352-00	DATE: 05/19/06	GAUGE# (FINAL) 47364	SPECIFIED RESEAT 10/06	LEAK TEST PROCEDURE A.P.J. STANDARD 527	TESTED BY
SET NAMEPLATE 350	PSIG	CDTP	PSIG	LEAK TEST 315	TIME 1711N
ASSY TECH					

TRACEABILITY REQUIREMENTS - HEAT/CODE NUMBERS FOR TRACEABLE COMPONENTS

BODY/CYLINDER	BASE	BONNET	NOZZLE	DISC	CDTP CALCULATION:
1) 151780	207770				SET NAMEPLATE:
2)					- BACK PRESS:
3)					+ TEMP CORR:
4)					C.D.T.P. =
5)					GENERAL COMMENTS:
6)					2415 KPA-G
7)					
8)					
9)					
10)					

ALL PRESSURES IN "PSIG" UNLESS OTHERWISE INDICATED. (1) BUBBLES PER MINUTE (AIR), CUBIC CENTIMETER PER MINUTE (LIQUID), ACCEPTABLE "0" STEAM	3rd PARTY INSPECTION		TEST MEDIUM
	SIGNATURE	DATE	GAS/VAPOUR
			LIQUID
			STEAM

INSPECTED BY / DATE **SBC**

26

CUSTOMER: TRC OUT ENERGY SYSTEMS		TYCO VALVES & CONTROLS - EDMONTON		ORDER#	3076352-00	
CUSTOMER PO# PON194535		ANDERSON GREENWOOD CROSBY		DATE:	05/19/06	
VALVE TYPE/ASSEMBLY# 96101HA/74863000		FUNCTIONAL TEST REPORT		GAUGE# (FINAL)	49299 01/07	
SERIAL NO.	TAG	CAPACITY RATING	BACK PRESSURE TEST	ASSY TECH	SET NAMEPLATE	LEAK TEST PROCEDURE A.P.I. STANDARD 527
1) 66128975	66128976	353 SCFH	30 PSIG	S.B.	150 PSIG	135 PSIG
2) 606-22244	PSV-601	353 SCFH	30 PSIG	S.B.	151 PSIG	1 MIN TIME
3) 606-22250	PSV-619	353 SCFH	30 PSIG	S.B.	151 PSIG	2 BPM
4) 606-22251	PSV-621	353 SCFH	30 PSIG	S.B.	152 PSIG	2 BPM
5) 66128977						2 BPM
6)						
7)						
8)						
9)						
10)						

TRACEABILITY REQUIREMENTS - HEAT/CODE NUMBERS FOR TRACEABLE COMPONENTS

BODY/CYLINDER	BASE	BONNET	NOZZLE	DISC	CDTP CALCULATION:
1) 12504D	20777D				SET NAMEPLATE:
2) 12505D	451E				- BACK PRESS:
3) 12504D	20777D				+ TEMP CORR:
4)					C.D.T.P. =
5)					GENERAL COMMENTS:
6)					1034K PAG
7)					
8)					
9)					
10)					

ALL PRESSURES IN "PSIG" UNLESS OTHERWISE INDICATED.		TEST MEDIUM	
(1) BUBBLES PER MINUTE (AIR), CUBIC CENTIMETER PER MINUTE (LIQUID), ACCEPTABLE "0" STEAM		GAS/VAPOUR	LIQUID
		LIQUID	STEAM
3rd PARTY INSPECTION		DATE	
SIGNATURE			
		S BUC	
		INSPECTED BY / DATE	



Farris Pressure Management
a Division of Spartan Controls

FARRIS PRESSURE MANAGEMENT

EDMONTON FACILITY INSPECTION TEST REPORT

66128978

(2191)

CUSTOMER

Toromont Energy Systems Inc.

ORDER#

773983

Farris WO#

773983-01

Metal Tag:

PSV-511

PO: PON201846

Sup. Tag:

MODEL:

26HA12-120/00

TYPE:

2600

VALVE SIZE:

2"300RFx3"150RF

ORIFICE

H

FactorySerial#

511350-2-A10

CRN#

OG8442.5C

SERVICE

SERVICE:

Gas

StampSymbol:

UV NB

CAPACITY:

134 M3/MIN

Metric Only:

Yes (Per CC.2116)

Set Pressure

2069 KPAG

Back Pressure

0 KPAG

Diff

2069 KPAG

Cold Diff

2069 KPAG

Temp. Corr.

0 KPAG

Temperature

60 F (16 C)

MATERIAL/HEAT NUMBER ASSIGNMENT

Body

Y9273

Nozzle

P4851

Bonnet

Y8769

Disc

68946

PERFORMANCE TEST DATA

TEST FLUID

☒ Air

☐ Water

☐ Air Over Water

Final Test Pressure

PSIG

2069 KPAG

Upper B.D.R. Setting:

Notches

Lower B.D.R. Setting:

-5

Notches

Shop Test Gauges Used:

1. 7A

2. 7B

BACK PRESSURE TEST

☐ Not Applicable, (Open Bonnet / Cap Design)

☒ 120 PSIG Air

SEAT TIGHTNESS TEST API 527

TEST FLUID

☒ Air

☐ Water

☐ Air Over Water

Req'd At

☒ 90%

☐ 95% Of Set Pressure

Leak Test Pressure

PSIG

1862

KPAG

No Visible Leaks

☐

Leak Rate

Ø B.P.M.

Final Inspection / Tech Tested

A.S.

Date Completed

2-23-07

FOR WITNESS TESTING ONLY

Tested By: _____

Date: _____

Customer Witness: _____

Farris Witness: _____