

S-18059

66130878

Taylor Valve Technology, Inc8300 Southwest 8th Street
Oklahoma City, Oklahoma

Serial Number : 43299-49 telephone: 408.767.5146 fax: 408.769.8198

Certificate Number: 39772.4008

OG1316.2C email: info@taylorvalve.com

Customer: **KINGS ENERGY SERVICES**
277, 28042 HWY 11
RED DEER COUNTY, ALBERTA
T4S 2L4

Date : 20-Nov-08

Sales Order #: 43299
Customer P.O. #:**Safety Relief Valve Certification**

Taylor Valve Technology, Inc. Safety Relief Valves are designed, manufactured and tested in accordance with the provisions of the ASME Boiler and Pressure Vessel Code, Section VIII. This Valve is certified to relieve within plus or minus 2 psi of the set pressure 70 psig or below, and plus or minus 3% of set point for pressures above 70 psig, as allowed for within the provisions of ASME. The published relieving capacities have been certified by the National Board of Boiler and Pressure Vessel Inspectors.

Valve Specifications

Model Number : Taylor Model 8200 Soft Seat	Orifice :	E
Body Size : 1 inch	Orifice Diameter :	0.820 inches
Part Number : 82E4361311	Orifice Area :	0.212 in ²
Body Configuration : 1" MNPT X 1" FNPT	Operating Temperature :	70 °F
	Spring Range :	101-225 PSI
	Set Pressure :	150 PSIG

Materials

Body : WCB Carbon Steel	Spring : 17.7 PH Stainless Steel
Seat Frame : Carbon Steel	Guide : 304 Stainless Steel
Seat Housing : 17.4 PH H900 Stainless Steel	Adjustment Screw : Carbon Steel with EN Plating
Trim : Standard	Options : None
Seat : FKM 90d	

Set Pressure Specifications

Customer Units	ASME Units
Set Pressure : 150 psig	Set Pressure : 150 psig
ASME High Set Limit : 155 psig	ASME High Set Limit : 155 psig
ASME Low Set Limit : 146 psig	ASME Low Set Limit : 146 psig

ASME (90%) rated capacity at set pressure for indicated fluid, specific gravity and temperature.

Certifying Fluid : Air	562 SCFM	Spec Gravity : 1.00	Temp : 80 oF
API 620 (100%) calculated capacity at set pressure for indicated fluid, specific gravity and temperature.			
Test Fluid : Air	840 SCFM	Spec Gravity : 1.00	Temp : 80 oF

Prepared by: **MELISSA BREWER**Department: **Customer Service**Signed *MELISSA BREWER*Approved by: **MELISSA BREWER**Department: **Quality**Signed *MELISSA BREWER*



Farris Pressure Management
a Division of Spartan Controls

FARRIS PRESSURE MANAGEMENT

EDMONTON FACILITY INSPECTION TEST REPORT

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18059.
PSV

CUSTOMER		ORDER#	Farris WO#	Metal Tag:	
Platinum Energy Services Corp.		1071304	1071304-01		
PO:	S1233020				
Req#	S-18059	Sup. Tag:			
MODEL:	TYPE:	VALVE SIZE:	ORIFICE	FactorySerial#	CRN#
26EA13-120/00	2600	1"600RFx2"150RF	E	539730-7-A10	0G8442.5C
SERVICE:					
SERVICE:	Gas	StampSymbol:	UV NB		
CAPACITY:	5229 SCFM	Metric Only:	No		
Set Pressure	Back Pressure	Diff	Cold Diff	Temp. Corr.	Temperature
1330 PSIG	0 PSIG	1330 PSIG	1330 PSIG	0 PSIG	60 F (16 C)
MATERIAL/HEAT NUMBER ASSIGNMENT:					
Body	Y1056	Nozzle	245913		
Bonnet	Y5848	Disc	3TMO		
PERFORMANCE TEST DATA:					
TEST FLUID	☒ Air	Final Test Pressure	Upper B.D.R. Setting:	Notches	
	☐ Water	1330 PSIG	Lower B.D.R. Setting:	-20 Notches	
	☐ Air Over Water		Shop Test Gauges Used:	1. 11D 2. 12F	
BACK PRESSURE TEST:					
☐ Not Applicable, (Open Bonnet / Cap Design)					
☒ 120 PSIG Air					
SEAT TIGHTNESS TEST: API-527					
TEST FLUID	Req'd At	Leak Test Pressure	1197 PSIG	KPAG	
☒ Air	☒ 90%	No Visible Leaks	☐	Final Inspection / Tech Tested	
☐ Water	☐ 95% Of Set Pressure	Leak Rate	16 B.P.M.	Date Tested	
☐ Air Over Water				Oct 2 / 08	
FOR WITNESS TESTING ONLY					
Tested By:			Date:		
Customer Witness:			Farris Witness:		