

MS-18378

66155080

Taylor Valve Technology, Inc

8300 Southwest 8th Street

Oklahoma City, Oklahoma

Serial Number : 47111-15

telephone: 405.787.0145 facsimile: 405.769.8198

Certificate Number: 40011.6298

OG01316.2

email: info@taylorvalve.com

Customer : KINGS ENERGY SERVICES

Date : 17-J 11-09

277, 28042 HWY 11

RED DEER COUNTY, ALBERTA

Sales Order # : 47111

T4S 2L4

Customer P.O. # : N1235381

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 : 0.520 Inches
Part Number : 82E4051311	Orifice Area : 0.212 In ²
Body Configuration : 1/2" 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	553 SCFM	Spec Gravity : 1.00	Temp : 60 oF
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API 520 (100%) calculated capacity at set pressure for indicated fluid, specific gravity and temperature.

Test Fluid : Air	609 SCFM	Spec Gravity : 1.00	Temp : 60 oF
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Prepared by : CALEY ROONEY

Department : Customer Service

Signed

CALEY ROONEY

Approved by : CALEY ROONEY

Department : Quality

Signed

CALEY ROONEY