

Taylor Valve Technology, Inc

8300 Southwest 8th Street
Oklahoma City, Oklahoma

Serial Number : **32287-262** telephone: 405.787.0145 facsimile: 405.789.8198

Certificate Number: **39141.3474**

OG1316.2C email: info@taylorvalve.com

Customer : **King's Valve Services**

Date : **28-Feb-07**

277, 28042 Hwy 11

Red Deer County, AB

T4S 2L4

Sales Order # : 32287

Customer P.O. # : 0

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 : 82E8351311	Orifice Area :	0.212 In ²
Body Configuration : 1" MNPT X 1" FNPT	Operating Temperature :	70 °F
	Spring Range :	1201-1600 PSI
	Set Pressure :	1440 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 :	1440 psig	Set Pressure :	1440 psig
ASME High Set Limit :	1483 psig	ASME High Set Limit :	1483 psig
ASME Low Set Limit :	1397 psig	ASME Low Set Limit :	1397 psig

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

Certifying Fluid : Air 5,180 SCFM Spec Gravity : 1.00 Temp : 60 oF

API 520 (100%) calculated capacity at set pressure for indicated fluid, specific gravity and temperature.

Test Fluid : Air 5,698 SCFM Spec Gravity : 1.00 Temp : 60 oF


Prepared by : **Jennifer Dykens**

Department : **Customer Service**

Signed 

Approved by : **Mason Buerger**

Department : **Quality**

Signed 

Wed,28 Feb 2007 8:20:15

Taylor Valve Technology, Inc

8300 Southwest 8th Street
Oklahoma City, Oklahoma

Serial Number : 38021-178 telephone: 405.787.0145 facsimile: 405.789.8198

Certificate Number: 39479.6093

OG1316.2C email: info@taylorvalve.com

Customer : **KINGS ENERGY SERVICES**

Date : **01-Feb-08**

277, 28042 HWY 11
RED DEER COUNTY, ALBERTA
T4S 2L4

Sales Order # : 38021
Customer P.O. # : 2591

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 : 82E4351311	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	582 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	640 SCFM	Spec Gravity : 1.00	Temp : 60 oF
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Prepared by : **MELISSA BREWER**

Department : **Customer Service**

Signed

MELISSA BREWER

Approved by : **MELISSA BREWER**

Department : **Quality**

Signed

MELISSA BREWER