

# Taylor Valve Technology, Inc

8300 Southwest 8th Street

Oklahoma City, Oklahoma

Serial Number : 26922-35      telephone: 405.787.0145      facsimile: 405.789.8198

Certificate Number: 38777.5867

CRN#: OG1316.2C      email: info@taylorvalve.com

Customer : Kings Valve Services

Date : 01-Mar-06

6785 - 52 Avenue

Red Deer, AB

T4N 4K8

Sales Order # : 26922

Customer P.O. # : 000856

## 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 <sup>2</sup>
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
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

Prepared by : Jennifer Dykens

Department : Customer Service

Signed *Jennifer Dykens*

Approved by : Mason Buerger

Department : Quality

Signed *Mason Buerger*

# Taylor Valve Technology, Inc

8300 Southwest 8th Street

Oklahoma City, Oklahoma

Serial Number : 23955-254 telephone: 405.787.0145 facsimile: 405.789.8198

email: info@taylorvalve.com

Certificate Number: 38615.6189

Customer : King's Valve Services Ltd.

6785-52nd Ave.

Red Deer, Alberta, Canada

T4N 4K8

Date : 20-Sep-05

Sales Order # : 23955

Customer P.O. # : 000773

## 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 <sup>2</sup>
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
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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
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Prepared by : Jennifer Dykens

Department : Customer Service

Signed *Jennifer Dykens*

Approved by : Mason Buerger

Department : Quality

Signed *Mason Buerger*