

TRUSTED  
**SINCE 1958**  
WORLDWIDE

 **Taylor Valve  
Technology®**



**8250**  
Safety Relief Valve



**9300**  
Pilot Operated  
Valve



**RB SERIES**  
Control Choke



*The Original  
Self-Aligning Technology®*

**PRODUCT INTRODUCTION**

[WWW.TAYLORVALVE.COM](http://WWW.TAYLORVALVE.COM)

**SINCE 1958** 

**Precise.  
Quality.  
Reliable.**

**MORE THAN 100 U.S. AND FOREIGN  
PATENTS IN OVER 60 YEARS!**

WWW.TAYLORVALVE.COM

## SAFETY

## RELIEF VALVES



7700 SERIES

### 7700 SERIES

#### BACKPRESSURE REGULATOR

The 7700 Series is an excellent and economical device for relief and control of pressure in liquid and gas service. Valve control is accomplished by upstream pressure acting on a lapped piston, which is acted on by a spring. The valve will open at a determined set pressure, which is field adjustable.

**APPLICATIONS:**  
Paraffin, Heading  
Up, and By-Pass to Casing.



8400 SERIES

### 8400 SERIES

#### VAPOR VALVE

The 8400 Series is designed for pressure relief in applications where hazardous vapors are to be piped away. Maintains safe, internal working pressure while preventing routine expulsion of waste to the atmosphere.

**APPLICATIONS:**  
Glycol Reboiler Safety Relief, BTEX  
Safety Relief, Vessel Safety Relief  
below 15 PSI and Tank Blanketing.



8250 2" Threaded

### 8250 SERIES

#### SAFETY RELIEF VALVE

The Taylor 8250 Safety Relief Valve is manufactured in accordance with the requirements of ASME Boiler and Pressure Vessel Code, Section VIII, Division 1 for Air/Gas and Liquid service making it an excellent choice for Air, Gas or Liquid relief applications, including Compressors, Separators, Heater Treaters, Free Water Knockouts, Scrubbers, Dehydrators, Thermal Relief, Gas Production Units, Transmission and Gathering Lines, Chemical Plants, Refineries, Meter Runs, Gas Plants and other Industrial Applications.

- Designed with self-aligning seat technology
- C orifice with pressure to 10,000 ps
- Increased capacity in all orifices
- Top entry style valve H orifice and larger
- L orifice in 3 x 4 and 4 x 6 flanged connections
- M orifice in a 4 x 6 flanged connection



8250 Top Entry Flanged

### 9300 SERIES

#### SNAP & MODULATING PILOT OPERATED VALVE

The 9300 Series Snap Acting Safety Valve with the non-flowing pilot provides highly reliable system overpressure protection.

- Code certified for Air, Gas, Vapor, and most mixed phase services.

The 9300 Series Modulating Pilot Valve operates close to set point and quickly reaches full capacity with overpressure.

- Code certified for Air, Gas and Liquid services.

#### APPLICATIONS:

Gas Compressors, Pressure Vessels, Cold Box Storage, Meter Runs, Gas Plants, Pipelines and Transmission Stations.



SNAP PILOT



MODULATING PILOT

## GAUGE PLUGS & PROBES

### 1600 SERIES

#### GAUGE PLUGS & PROBES

The Taylor Gauge Plug and Probe System™ has been a standard in the oil field since 1959. Taylor Gauge Plugs are found on well heads, flow lines, pressure vessels – where accurate pressures are required. They are also used on water purification systems, steel mills, and chemical and manufacturing plants throughout the world.



1600 SERIES

## ENVIRO PROTECTION

### EPC

#### ENVIRONMENTAL PROTECTION CAP

The EPC ensures valve and system protection from environmental elements, enhancing service life and limiting repair costs. Our unique lanyard, and now NEW threaded design, provides a leak detection capability that sets this EPC cap apart from other competitive products.



EPC



19BV SERIES

### 19BV SERIES

#### BALANCED DISC PRESSURE RELIEF VALVE

The 1900BV Series safety relief valve is an economic, direct spring operated, soft-seated, balanced valve incorporating balanced disc and cage guided assembly creating optimal performance in both liquid and air service where built up or superimposed back-pressure could be an issue.

- Soft seat for reliable, leak free performance to 90% of set pressure
- Easy repair and maintenance
- Optimized design allows the valve to operate without chatter or intricate seals.
- NPT threaded and flanged connections

#### APPLICATIONS:

Since the Series 19BV is certified for both gas and liquid on both orifices, it can be installed where relief applications that have variable back pressure are present. Thermal valves, pump recycle, separators (liquid side), water knockouts, etc. are just a few examples of application uses.



19BV SERIES

TAYLOR VALVE TECHNOLOGY





## 88/89 SERIES

### SAFETY RELIEF VALVE

Series 88 and 89 are multiple purpose safety valves for air / gas protection. Designed for durability, yet an economical choice for safety and relief applications where mid-level capacity is required.

- Precision lapped metal to metal seating
- Stainless steel springs
- Closed seal hex cap or lift lever options
- Disk-guided seat provides quick, accurate and excellent re-seating

#### APPLICATIONS:

Over pressure protection on Pressure vessels, Piping systems, Tanks, Compressors, Dryers, Inter and After-coolers.

Other series are available for liquid and steam service.

88 SERIES

89 SERIES

## Y- STRAINER

### HIGH PRESSURE

Designed for high pressure applications requiring an easy maintenance, collapse resistant screen

- In-line cleanout access
- Pressures to 3000 psi
- 1/2"-2" FNPT
- Replaceable stainless steel screen
- Operating temperatures to 400°F

1" & 2"

2" & Cutaway View

## CHOKES

### MD SERIES

#### CHOKE VALVE

The MD Series pressure and flow control valves feature durable, high quality construction for longer life and drastically reduced maintenance.

- ANSI Class IV shutoff
- Easy operation - 1/4 Turn full range
- Orifice position is clearly displayed
- Wear sleeve available for cavitation and erosion protection

#### APPLICATIONS:

High pressure drop applications in gas, liquid, and vapor. Quick open/close with abrasive fluids at high pressure drops.

Actuator options are available for the MD Series.

MDA SERIES

MDI SERIES

### RB SERIES

#### CONTROL CHOKE

The RB Series unique valve trim design provides accurate control by the use of precision orifices in the flow nozzle. This design minimizes wear and maximizes service life.

- ANSI Class V shutoff
- Offered in 2", 3", 4" and 6" body sizes
- Trim position is clearly displayed
- Balanced sleeve design reduces thrust requirement

#### APPLICATIONS:

High pressure, severe service applications in gas, liquid, and vapor.

Actuator options are available for the RB Series.

RB SERIES

RB SERIES

### MC SERIES

#### CHOKE VALVE

The MC and MCX Series pressure and flow control valves feature a superior design for unequaled throttling and accuracy. Unique sealing and fluid flow dynamics permit compliance with current environmental (FTE) requirements.

- ANSI Class IV shutoff
- Easy operation - 1/4 Turn full range
- Orifice position is clearly displayed
- Flow tube available for cavitation and erosion protection

#### APPLICATIONS:

High pressure drop applications in gas, liquid, and vapor. Quick open/close with abrasive fluids at high pressure drops.

Actuator options are available for the MC Series.

MC SERIES

MCX SERIES

Taylor Valve is a pioneer in the design, development and manufacture of valves and precision instrumentation to meet your pressure, flow and measurement needs.

Every Taylor product is designed to meet the highly demanding requirements of oil and gas producers, refiners, chemical plant operators, power generators and the processing industry in order to more effectively control their liquid, steam and gas operations. Our promise is to meet these needs in an economical, operationally safe, and environmentally responsible manner.

Quality API and ASME Code products can be shipped from Taylor's facility in the United States quickly and reliably anywhere in the world.

Taylor products perform unlike any other due to their unique design, precise manufacturing and uncompromising quality - an emphasis proven by more than 100 U.S. and foreign patents and over 60 years of service.

PROTECTING THE ENVIRONMENT  
WITH WORLD CLASS PRODUCTS  
AND PROVIDING EXCELLENT  
CUSTOMER SERVICE SINCE 1958.

**CONTACT  
TAYLOR VALVE  
TODAY!**

TAYLOR VALVE TECHNOLOGY

# CELEBRATING *Over 60*

*years* in business

Taylor Valve has been in business for over 60 years and considers it a privilege being able to partner with many loyal and successful companies in the oil and gas industry. From our humble beginnings in 1958 with Mr. Julian Taylor's plug and probe innovation to our many high quality valve products of today, Taylor Valve is excited about the future as we continue to provide high quality, timely delivered state-of-the-art products which provide innovative solutions that save lives.



PHONE: (405) 787-0145 • FAX: (800) 805-3401

WEBSITE: [www.taylorvalve.com](http://www.taylorvalve.com) • EMAIL: [info@taylorvalve.com](mailto:info@taylorvalve.com)

ADDRESS: 8300 S.W. 8th St. • Oklahoma City • Oklahoma 73128

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