

# PRV Monitoring Skid

# New PRV Technology Demos



John H. Carter is pleased to invite you to live demonstrations of the latest PRV monitoring technologies.

**Location:** John H. Carter Company, 17630 Perkins Road, Baton Rouge, LA

Thursday Sept.12, 2024, 10 - 4 pm

Registration is required.

\*\* Hors d'oeuvres included \*\*

**REGISTER**

Emerson's PRV monitoring skid showcases different technologies to detect and monitor pressure relief events as well as valve health. The technologies covered on this demonstration skid are:

## Bellows Leak Detection

### On J-Series Bellows Valve

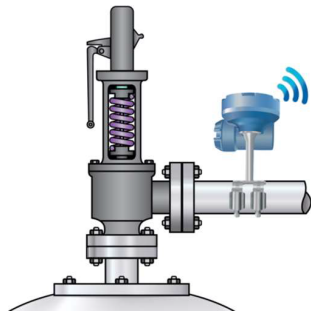
- Uses Rosemount 3051T In-Line Pressure Transmitter
- Immediately notification of bellows failure
- Ensures valve remains balanced against backpressure.
- Reduces emissions through bonnet vent by more than 90%



## Rosemount 708 Wireless Acoustic Transmitter

### On OMNI direct spring valve

- Uses acoustic energy and pipe skin temperature to validate pressure relief events
- Valve agnostic – can be used in any valve.
- Capable of detecting seat leakage



## Pilot Valve Monitoring

### On 400 series High Pressure Pilot Valve

- Uses Rosemount 3051C Differential Pressure Transmitter
- Detects lift % of the valve, which is particularly useful in modulating style pilot valves.
- Suitable for high-pressure and low-pressure pilots



## Conventional Valve Monitoring

### On J-Series Conventional Valve

- Uses Fisher 4400 Pressure Transmitter
- Detects lift % of the valve, providing volumetric flowrate
- Suitable for high-pressure conventional pressure relief valves

