



# NEWS FOR KNOWLEDGE

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## Leading the Way in Emissions Monitoring

**Teledyne Monitor Labs** (TML) offers state-of-the-art Continuous Emissions Monitoring (CEM) technologies to CEM users. The TML line of opacity/dust monitors were the first to use a patented Light Emitting Diode (LED) as the source, and the ULTRAFLOW150 has proven to be the most reliable, drift-free way to monitor stack flow for mass emission based monitoring. TML Windows based RegPerfect Data Acquisition

represents a quantum leap in flexible, configurable systems for satisfying a wide range of reporting requirements. Together with TML's CEM systems for NOx, SO2, CO and NH3 and the largest, most broadly trained service organization of its kind, TML is your one-stop center for total systems solutions.

To learn more about the LightHawk Model 560 Opacity/Dust Monitor which is the most stable, accurate,

and maintenance free EPA compliant opacity monitor available just ask your local Pro-Quip representative.

Also, please visit TML's website at [www.teledyne-ml.com](http://www.teledyne-ml.com)

## Reasons to Use Vapor and Flame Control Devices

**1.)Provide Normal Venting:** Vapor control products safely and efficiently compensate for the frequent changes in volume of liquids and vapors that occur with routine tank filling, emptying and temperature fluctuations.

**2.)Provide Emergency Venting:** Emergency pressure relief devices ensure the safety of plant facilities and personnel by preventing over-pressurization of low pressure tanks if exposed to an external fire.

**3.)Minimize Evaporation Losses:** Equipping storage tanks

with vapor control products prevents loss of costly liquid products through evaporation.

**4.)Reduce Fugitive Emissions:** Tank vents play a key role in preventing the fugitive emissions of Volatile Organic Compounds (VOC's).

**5.)Prevent Fire and Explosion:** Flame and Detonation Arrestors effectively prevent the propagation of flame fronts and detonations in systems where flammable vapors are present.

**6.)Blanket Flammable Liquids with Inert Gas:** Tank

blanketing valves maintain specified pressure, reduce the risk of fire and minimize chemical contamination or degradation in storage tanks.

**Protectoseal** has more than 75 years of experience providing products and services for tank protection and vapor control.

For more information including FREE sizing and equipment selection software and/or a new product catalog just ask your local Pro-Quip sales representative!

## Check Out Website: [www.SKValveUSA.com](http://www.SKValveUSA.com)

SK Valve is the world leader in ceramic valve technology with an extensive product line offering 7 distinct styles of knife gates, 3 styles of ball valves, a check valve and even a globe valve. Their quality personnel pioneered ISO 9001 certification in 2000, and thus, SK's manufacturing and quality systems were validated as a top-quality

valve supplier for abrasive applications.

SK ceramic valves excel at these types of Severe Service :

\*Abrasive – At 6 to 8 times harder than stainless steel, ceramics will outlast all other materials in abrasive service.

\*Corrosive- Ceramics are

nearly universally resistant to all chemical attack.

\*Thermal – Engineered ceramics excel in service at temperatures to 1650F.

SK Valve designs and manufactures severe service valves for severe industries! Please visit the website for more information or ask your Pro-Quip representative about SK Valves.

## Sinclair Collins K Series Process Control Valves

Pro-Quip and Sinclair Collins have teamed up to offer the K Series Process Control Valves! For over 50 years, Sinclair Collins has been designing and manufacturing process control valves for a variety of industries. The rugged design and reliability of the K Series valves make them ideally suited for a variety of applications requiring the control of

steam, gas, liquids or chemicals. All components must meet high performance specifications and quality control standards. Prior to shipment, every valve is fully tested to assure the quality that is expected from Sinclair Collins.

Body sizes for bronze and stainless steel construction is 1/2" thru 2".

Hard seat meets Class IV leakage standards and their Duraseat meets Class VI standards.

To learn more about the K Series Valves you can ask your local Pro-Quip representative for a catalog or more information!

*"ideally suited for a variety of applications requiring the control of steam, gas, liquids or chemicals."*

## Frequently Asked Question about Pressure Gauges

Q: What is the purpose of liquid filling a gauge, and in what applications would a liquid filled gauge be used?

A: Primarily, in applications that have vibrations or pulsations,

liquid filling enables reading the dial pointer by dampening the movement. Liquid filling should be considered in any system that has high dynamic operating conditions. In general, liquid filling helps extend

the life of a gauge by reducing damaging resonance induced fracturing, reducing frictional wear, preventing aggressive ambient air entering, preventing condensation formation, and improves reliability.

## Top 10 Reasons to Choose Wey Valve!

#1. Fifty years proven high performance design with worldwide service in all industries.

#2. Tightest shut-off in the Industry. Bi-directional which exceeds ANSI Class VI shut-off.

#3. Transverse Seal that is re-packable under pressure.

#4. Transverse Seal on both sides of gate which

compensates for wear.

#5. Reduced chest maximum 60 degree Arc on gate where ordinary knife gate design has 180 degree Arc which allows for wedging to occur. Wey's valve is unique self-cleaning design.

#6. Tight Tolerance

#7. Gate is guided for the full length of the stroke.

#8. Contoured bore promotes

self-cleaning. The solids pushed ahead of gate are flushed out as velocity increases and gate tip moves into open relief areas in lower bore. Seat is flush with bottom of bore leaving no place for solids to pack.

#9. No flush ports required.

#10. Absolute shut-off guarantee!

For more details, ask your local Pro-Quip representative.

### PRO-QUIP, INC.

4 Mark Road

Kenilworth, NJ  
07033

Phone:

(973) 897-8950

Fax:

(908) 349-8963

E-Mail:

[jason@pro-quip.com](mailto:jason@pro-quip.com)

We're on the Web!

*See us at:*

[www.pro-quip.com](http://www.pro-quip.com)