PRESS RELEASE

Editorial Contact
Rebecca Phan
Global Marketing Communications
Omniseal Solutions™
rebecca.phan@saint-gobain.com
www.omniseal-solutions.com

FOR IMMEDIATE RELEASE

Omniseal Solutions™ Provides Major US Oil & Gas Company with Selection Guidelines for Polymer Lip Seals in API 6D Isolation Valves

Garden Grove, Calif. (November 17, 2017) – Omniseal Solutions™, a global designer and manufacturer of precision sealing and material solutions in extreme conditions, has developed a technical engineering manual that provides selection guidelines for polymer lip seals in oil and gas API 6D isolation valves for a major United States oil and gas end user customer. Their engineering team was approached by a valve subject matter expert from the key oil company with the guidance document request as part of an effort to improve the awareness of the importance of seals as critical parts in severe service operations where function and integrity are paramount. Valves are used to control flow rates as well as guide and direct the refining process. In particular, isolation valves are key pieces of protective instrumentation lines and flow lines in varied applications throughout the oil and gas industry.

Omniseal Solutions™ has designed and manufactured polymer lip seals as part of their Omniseal® spring-energized seal and rotary lip seal portfolio for over 30 years. They are quite knowledgeable with oil and gas regulations and recently received API 6A specification (ISO 10423, Appendix F.1.13.5.2) relating to sour fluid (FF/HH) resistance for nine of their most used materials. Using these decades of knowledge and experience, their engineering team created the technical manual with a focus on trunnion-mounted ball valves and covering the following conditions:

- Pressure: class #150 up to #2500
- Temperature: -120°C up to +200°C (-184°C up to +392°C)
- Size: up to 20”

The main criteria adopted for selecting the correct combination of design and materials are:

1) Seal position in the valve (seat, stem or static parts)
2) Media, pressure rating and temperature range
3) Special requirements such as material qualification and fugitive emission

This technical document was widely distributed among the oil and gas customer’s main operations and is currently a viable solution to their ongoing challenges relating to logistics, safety and costs, contributing in their global effort to improve operational excellence.

To learn more about Omniseal Solutions™

- Visit www.omniseal-solutions.com
- Follow us on Twitter @Beyond_Omniseal

About Omniseal Solutions™

Omniseal Solutions™ is a global engineering leader with over 65 years of historical legacy, relentlessly dedicated to the design and manufacture of precision sealing and material solutions that protect critical applications in the most demanding environments and passionately driven to push ***Beyond the Boundaries of Possible***®.

# # #