

Looking for a better understanding...

...of sealing pumps in the **oil and gas industry?**

...to improve the **reliability** of your pumps and systems?

...of how to **reduce** energy consumption?

AESSEAL® can help!



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Live Webinars
October - November 2020

All webinars are 30-45minutes and will start at:
12:00 CET 15:00 GST 14:00 AST 13:00 SAST



AESSEAL® invite you to attend our series of informational webinars covering different aspects of sealing in the oil and gas industry

Date	Title	Synopsis
Tuesday 13 th October	Secondary Dry Containment Seals API Plans 72, 76 – Current Trends	Secondary dry containment seals were introduced in the early 1990s. API Piping plan 72,75,76 were first published in 2002 and are discussed along with their advantages and limitations. Register Here: https://primetime.bluejeans.com/a2m/register/vcztugvy
Tuesday 20 th October	Dry Gas Seal Repair	Dry Gas Seals found on rotary compression machinery are typically repaired on a structured repair cycle. Most users return the seals to the Original Equipment Manufacturer's for repair. With many users under increasing financial constraint, 3rd party repairs by reputable seal vendors is becoming an increasingly viable option. Register Here: https://primetime.bluejeans.com/a2m/register/ujjrsyzy
Tuesday 27 th October	Rotating and Stationary Flexible Elements -Eliminating shaft sleeve fretting	Traditionally the API type seals marketed have been dominated by rotating seal designs, however recent API publications and market trends have seen stationary seals become more widely used, this webinar will discuss some of the reasons why. Register Here: https://primetime.bluejeans.com/a2m/register/zbfgjsfd
Tuesday 3 rd November	Sealing Contaminated Services in the upstream sector	Fluids pumped in upstream production facilities are becoming increasingly contaminated. Sealing solutions that on paper appear the most appropriate selection may not be best suited to these contaminated fluids The various options are explored along with case studies. Register Here: https://primetime.bluejeans.com/a2m/register/gejxbvwc
Tuesday 10 th November	General Purpose Steam Turbine - Improvements and Energy Saving	General purpose steam turbine drivers are widely used in refinery and petrochemical facilities. The sealing technology used on many machines is a century old. Significant improvements to safety, reliability and efficiency are being enjoyed by best in class users by the use of modern technology upgrades, find out how. Register Here: https://primetime.bluejeans.com/a2m/register/ygbqjgqx
Tuesday 17 th November	Energy Saving - Mechanical Seals and Piping Plans	API piping plans are widely used to improve seal reliability, however many of these plans have an impact on plant operational efficiency. Options for improvements are discussed. Register Here: https://primetime.bluejeans.com/a2m/register/bhgxchkk
Tuesday 24 th November	API Plan 53B – Impact of Changes in Ambient Temperature and Alarm Strategies	API Plan 53B has been used since the 1980s, traditionally alarmed with either pressure switches or transmitters. API 682 in 2014 published a more complex alarm strategy considering the effect of ambient temperature change. This webinar discusses the benefits and limitations of both methods. Register Here: https://primetime.bluejeans.com/a2m/register/ywfwsqky



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The Experts

Biographies of the Presenters



Richard Smith

Richard Smith was originally trained in Design Engineering in the Automotive Industry. For more than 30 years Richard has worked in sealing technology, the past 28 years with AESSEAL plc.

Now an associate Director of the company Richard is actively involved with the company's developments in Oil Gas and Petrochem Industries and is the company's representative on the API 682 Task Force currently working on the 4th revision. Richard has had a number of papers published at international conferences and journals. These have been predominantly on the practical application of sealing technology.



Dr. Chris Carmody

Dr. Chris Carmody PhD, MSc BEng (Honours) started his career as a maintenance engineer in the chemical and process industry and joined AESSEAL® as the company's first full time seal designer and development engineer. Chris went on to academia for a bachelors degree, a master of science in structural integrity and doctoral degree on the fluid structure interaction of bioprosthetic heart valves.

He re-joined industry as a Consulting engineer and worked on many prestigious projects such as the A380 Airbus, the award winning Falkirk Wheel and the new Wembley Stadium. Chris returned to AESSEAL® and took up the position of special products manager where he is responsible for development of high integrity sealing projects including dry gas seals. He now has 25 years of experience in the design of mechanical seals and is a named inventor on many of AESSEAL® product designs. In addition to his responsibilities at AESSEAL® he also sits on several different bodies including the API692 Compressor Dry Gas Seal Committee.



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