



WEBINAR:

HYDROGEN: SEPARATION, DRYING, PURIFICATION & COMPRESSION

IN COLLABORATION WITH:

BORSIG



 **caperva**

HYDROGEN - WEBINAR

Curso Webinar dirigido a: Ingenieros y profesionales técnicos de la industria energética, química, petróleo y gas, en posiciones de responsables de diseño, dimensionado y selección de instalaciones de proceso relacionadas con el Hidrogeno. Así como ingenieros responsables de la producción, compradores técnicos e ingenierías con necesidad en conocer en más detalle estos equipos.



Fecha evento: Jueves 27 de Mayo | 11am

Duración: 75 min

Idioma: Inglés

Contenido y agenda

- Welcome and intruccions, **CAPERVA** introduction and speakers presentation (5 min)

BORSIG – Membrane Technology GmbH (20 min)

- Basics: Hydrogen separation with membranes
 - Fundamentals
 - Typical parameters
- Applications for H₂-selective membranes
 - Typical examples

SILICA Verfahrenstechnik GmbH (20 min)

- Introduction of Silica
- Why does Green Hydrogen need to be purified after electrolysis?
- Basic design of a hydrogen purification and drying unit
- Regeneration of the hydrogen drying unit
- Summary (take-home message, which unit for which application case)

LMF (20 min)

- Portfolio. API 618 Reciprocating compressors and manufacturer standard designs for hydrogen applications
- Case Study illustrated by a reference project
- Outlook. What can you expect from LMF in terms of hydrogen in the future?
- Why LMF?
- FAQs open to audience (10 min)

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Speakers

BORSIG

Björn Hoting: Sales Manager Gas Separation/Senior Process Specialist

Björn Hoting is working with **BORSIG Membrane Technology GmbH (BMT)** for more than 20 years. BMT is an internationally renowned company that offers leading and innovative membrane technology solutions for a wide range of industrial applications. He is specialised in development, process design and optimisation of membrane based process applications in the field of gas and vapour separation.



Denis Strauss: Process and Sales Engineer at SILICA

Denis has been working continuously for more than 11 years on issues relating to gas purification and gas drying. For about 5 years he was a commissioning engineer working worldwide. In recent years, he has increasingly been active in the field of process design, sales and green technologies, in particular green hydrogen.



Georg Sevcik: Sales Manager at LMF

An Austrian manufacturer of reciprocating and rotary screw air and gas compressors for industrial and oil & gas industry applications. He is a specialist in the field of reciprocating compressors acc. To API 618 and API11P/ISO13631. He has a broad technical background as he became part of the LMF family in 2008, first as a mechanical designer and later as a system engineer. He was responsible for a large number of projects according to API 618 for well-known companies and refineries all over the world. In the process, he gained a wide range of experience in what is particularly important in the implementation of detailed projects for demanding customers.

Fitting your process needs

Caperva is offering seminars and workshops free of charge that cover topics with respect to process engineering for customers and interested individuals. Stay in touch!

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