



## Stainless Knowledge Forum

Stainless Steel World Middle East Exhibition, 9-11 March 200, Muscat, Oman

### Monday 9 March

**11:00 End Users experience with stainless steels in upstream oil & gas industry**

Stainless steels (SS), duplex (DSS) and super duplex stainless steels (SDSS) are extensively used in various product forms for critical applications such as pipelines, flow lines, process piping, valves, heat exchanger tubes, fittings etc. across onshore oil & gas production facilities. Petroleum Development Oman (PDO) has over three decades of experience in procurement and use of SS, DSS, & SDSS materials in their production facilities (most of them successful in operation, meeting design life). This presentation reflects the end user's perspective on recent quality assurance (QA) & quality control (QC), limitation of suppliers, compliance with specifications, procurement & construction challenges associated with these materials. Even with thirty years of user experience, the well-known SS, DSS, & SDSS material issues continue to challenge material, corrosion & quality engineers.

*Presented by Janardhan Saithala, Sr. Materials and Corrosion Engineer, Petroleum Development Oman (PDO)*

**12:00 Stainless steel for infrastructure**

Stainless steels provide sustainable and cost-effective support for the expansion & development of industry in Oman.

*Presented by Benoît Van Hecke, Manager, Market Development Europe, Nickel Institute*

**14:00 Stainless steel and duplex alloys; applications and references in process industry**

An application oriented presentation on the opportunities and benefits of applying stainless steels and duplexes across a range of process industries including oil and gas, chemical and petrochemical plants in Oman and the Middle East.

*Presented by Johan Salwé, Technical Marketing Specialist EMEA, Sandvik Materials Technology*

**15:00 Stainless steel for infrastructure**

Stainless steels provide sustainable and cost-effective support for the expansion & development of industry in Oman.

*Presented by Benoît Van Hecke, Manager, Market Development Europe, Nickel Institute*

## Tuesday 10 March

11:00 **Stainless steel and duplex alloys; applications and references in process industry.**

An application oriented presentation on the opportunities and benefits of applying stainless steels and duplexes across a range of process industries, including oil and gas, chemical and petrochemical plants in Oman and the Middle East.

*Presented by Sandvik Materials Technology*

12:00 **End Users experience with stainless steels in upstream oil & gas industry**

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*Presented by Janardhan Saithala, Sr. Materials and Corrosion Engineer, Petroleum Development Oman (PDO)*

## Wednesday 11 March

11:00 **Stainless steel and duplex alloys; applications and references in process industry.**

An application-oriented presentation on the opportunities and benefits of applying stainless steels and duplexes across a range of process industries including oil and gas, chemical and petrochemical plants in Oman and the Middle East.

*Presented by Sandvik Materials Technology*

12:00 **Desalination in Oman**

The Sultanate has been desalinating water since the mid-1970s and today relies on desalination plants for much of its potable water. Stainless steels are essential to operate these plants.

*Presented Paul Didier, Product Manager Stainless, ArcelorMittal Industeel*

14:00 **End Users experience with stainless steels in upstream oil & gas industry**

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*Presented by Janardhan Saithala, Sr. Materials and Corrosion Engineer, Petroleum Development Oman (PDO)*

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