



Corrosion & Corrosion Control in Oil and Gas Production Systems EP07



**Oil & Gas
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Corrosion & Corrosion Control in Oil and Gas Production Systems (EP07)

Course Description:

This course is designed to cover the fundamentals, address the impact and the methods of control & monitoring of corrosion in oil and gas production systems. It aims to assist all the disciplines involved production to understand corrosion causes, mitigation and assessment stages necessary to sustain efficient oil and gas production.

Course Contents:

1. Corrosion Impact in Oil & Gas Production Systems

- Associated problems and issues

2. Principles of Corrosion

3. Corrosion Types and Classifications

- Carbon dioxide and Sulphur corrosion

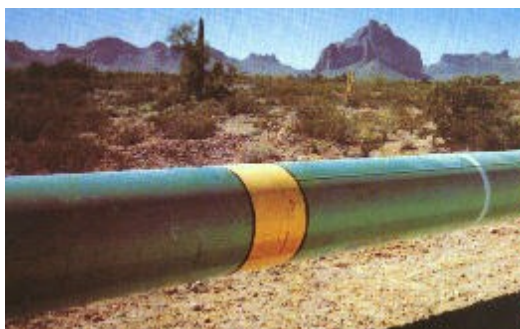
4. Categorization of oil and gas equipment that are prone to corrosion

5. Materials selection

6. Categories of available Corrosion Management Systems

- Integrity Review process
 - ◊ which should provide the risk based inspection requirements, the determination of the mitigation and the determination of the monitoring requirements
- Process flow diagrams
- Long term inspection plans

7. Corrosion Management system and stages



8. Scope of corrosion management

- review corrosion engineering input (design, material selection, environmental issues)
- Measurement of corrosion engineering (inspection, corrosion monitoring, field monitoring)
- Assessment of corrosion engineering performance
 - ◊ Inspection data and data analysis and corrosion key performance indicators

Who Should Attend?

- Production Engineers
- Materials engineers
- Corrosion engineers
- Materials engineers



Venue 1:

London, UK

Date:

Feb 20-24, 2012

Tuition:

£2,950 +VAT

Venue 2:

Houston, TX, USA

Date:

July 16-20, 2012

Tuition:

£2,750 +VAT

5 easy ways to
register or to
make an enquiry:

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