

# Corrosion Control in Oil & Gas Production

## COURSE OBJECTIVES

Upon completion of this course, participants will gain an understanding of corrosion ramifications in oil production operations; how to recognize the various forms of corrosion attack; how to carry out a corrosion failure analysis; how to utilize the most appropriate method for corrosion control; how to adopt the most appropriate monitoring techniques and how to utilize the current information sources including current corrosion software.

## COURSE CONTENT

- Corrosion fundamentals
- Appropriate control methods (coatings/cathodic protection/ corrosion inhibitors/design/anodic protection/cladding)
- Forms of corrosion
- Economics
- Corrosion by carbon dioxide
- Corrosion by hydrogen sulphide
- Corrosion by oxygen
- Materials selection
- Corrosion monitoring and inspection
- Corrosion failure analysis
- Workshop
- Computer software demonstration
- Bacterial corrosion
- Utility systems corrosion
- Videos

## WHO SHOULD ATTEND

This course is intended for all engineers engaged in the oil and gas industry, in particular for those engineers involved with the inspection function and/or corrosion mitigation. Representatives of government agencies and insurance interests will also benefit as regulations relating to safe operation are very dependent on corrosion control.

## INTENDED FOR

- Inspection and corrosion engineers
- Safety officers
- Process engineers
- Environmental specialists
- Mechanical engineers
- Refinery chemists
- Chemical engineers
- Maintenance engineers
- Design engineers
- Staff of Government Agencies

**For any further information please contact us at:**

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