

	<b>CM-I-13: Mitigation – Internal Corrosion (1-Day Tutorial)</b>	Email: <a href="mailto:training@corrsmagnet.com">training@corrsmagnet.com</a> Phone: 403-991-4036 Linked in: CorrMagnet Facebook: Corrmagnet Twitter: @corrsmagnet Skype: CorrMagnet
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This tutorial discusses some time-tested and proven activities to mitigate internal corrosion including pigging, corrosion inhibitors, biocides, internal lining and coating, cladding, cathodic protection, and process optimisation.

#### **Ideal Participants**

- Oil and gas personnel tasked to develop and/or to evaluate mitigation strategy to control internal corrosion

Maximum number of participants: 25

#### **Materials**

- “Corrosion Control in the Oil and Gas Industry” S. Papavinasam, Publisher: Gulf Professional Publishing (Imprint of Elsevier) ISBN: 978-0123-970-220, Oct. 15, 2013: Chapter 7 (This book will be available as reference material for the duration of the tutorial and may be bought at a reduced price by the participants).
- Handouts of the presentation

#### **Tutorial Organisation**

- The tutorial is typically offered over one full day in four sessions
- Each session is for 90 minutes duration

#### **Tutorial Contents**

- Introduction
- Pigging
- Corrosion inhibitors
  - o Selection
  - o Application
  - o Inhibitor volume calculation
  - o Ensuring availability of inhibitor on the surface
- Biocides
- Scale inhibitors
- Wax and asphaltene inhibitors
- Hydrate inhibitors
- Internal coatings
- Cathodic protection
- Process optimization

#### **Tutorial Outcome**

The participants will acquire knowledge of various options to control internal corrosion and will be able to develop and implement an appropriate mitigation strategy

#### **Tutorial Fee**

Contact: [training@corrsmagnet.com](mailto:training@corrsmagnet.com) or see events

#### **Tutorial Schedule**

Contact: [training@corrsmagnet.com](mailto:training@corrsmagnet.com) or see events