

Pipeline Corrosion & Integrity Management: Tackling the Best Practices in Pipeline Integrity Management

29th & 30th September 2010 (Wednesday & Thursday)



evolution mind power

“ I don't think I'm a thorn in the industry, I'm just another part of it.

- Neil Young, Canadian singer-songwriter, musician, film director and social activist -

“ Success is foreseeing failure.

- Henry Petroski, To Engineer is Human: The Role of Failure in Successful Design (1985) -

Who Should Attend?

Engineers, Senior Engineers, Specialist, Coordinators, Managers, Senior Managers of:

- Pipeline Corrosion
- Pipeline Maintenance
- Pipeline Systems Management
- Corrosion Engineering
- Inspection
- Material
- QA/QC
- Offshore Operations
- General Operations
- Project
- Risk Management
- Asset Integrity

From following industries:

- Oil and Gas companies
- Engineering
- Consultants
- Service Providers
- Support Services
- Contractors

Upon course completion you will be able to:

- 1) Identify, evaluate, assess and mitigate threats to the integrity of a pipeline system
- 2) Understand design and construction considerations suiting your needs
- 3) Optimize maintenance for corrosion control
- 4) Make key industry decisions related to Pipeline Corrosion Control
- 5) Reduce the financial impact that caused by pipeline corrosion through Integrity Management strategy
- 6) Ensure the stretch of use and safety of your aging pipeline
- 7) Conceive Key Performance Indicator (KPI) in asset performance measurement, weaknesses and translate them into remedial action
- 8) Keep abreast with technology updates in corrosion prediction models, surveying techniques, inspection methodologies and such

“ If you have a task to perform and are vitally interested in it, excited and challenged by it, then you will exert maximum energy. But in the excitement, the pain of fatigue dissipates, and the exuberance of what you hope to achieve overcomes the weariness.

- Jimmy Carter, President of the United States, 1977 to 1981 -

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Why You Should Attend?

When was the last time your organization reviewed its capability in successfully managing and handling pipeline corrosion and the effect it would have on your business? Is corrosion, and controlling and managing corrosion is given enough resources or regular attention as a measure to optimize performance and production, minimize cost and ensure safety of the public, environment and subsequently, your own business?

Pipeline Integrity Management (PIM) is of paramount importance to any facilities management program. Any reduction in pipeline performance or, worse still, loss of integrity can have an immediate impact on safety, the environment, availability, cash flow and the business of industry and consumers alike. The consequences - environmental damage, litigation, damage to public perception and the reputation of the industry – can be even worse.

To ensure the integrity of your valuable assets, the industry takes great care in ensuring that the design, operation, inspection and maintenance of pipelines are optimum. We employ skilled engineers, with relevant experience and up-to-date tools, to meet the immediate and changing demands of both pipeline transmission and distribution companies, and the many other industrial sectors where pipes are an integral part of a process. And yet failures still occur – and, more worryingly, could be on the increase. We need to understand why, and to act to prevent them.

This workshop is designed to equip attendees with the information and the know-how to set up and implement a comprehensive Integrity Management programme for pipelines. The focus will be on the establishment of a programme that not only fulfils corrosion monitoring and mitigation, but also gives the pipeline owner/operator decision support tool through risk analysis and evaluation, monitoring and evaluating Pipeline Integrity and present corrective action through practical exercises and case studies. The emphasis throughout is on practical, ready-to-apply techniques that yield immediate and cost-effective benefits.

Learn now all the important aspects in integrity management, asset and risk management, and find out tried-and-true methodologies of corrosion monitoring strategies and risk-based inspections in order for you to make the right decisions to safeguard the life cycle of your pipeline asset.

“ The cost of corrosion is a waste of resources and investments. Corrosion is seldom a positive event... this cost can be saved by applying current best practice engineering and maintenance to corrosion control.

- Neil Thompson, President of NACE International -