€TRAINING

Corrosion Management for Petrochemical Professionals

29 December 2024 -
2 January 2025
Istanbul (Turkey)

Corrosion Management for Petrochemical Professionals

REF: E893 DATE: 29 December 2024 - 2 January 2025 Venue: Istanbul (Turkey) - Fee: 6375 Euro

Introduction:

Corrosion management focuses on systematically preventing and controlling material degradation to ensure asset integrity, safety, and operational efficiency. This training program offers an extensive exploration of corrosion management tailored for professionals in the petrochemical industry.

Program Objectives:

At the end of this program, participants will be able to:

- Explore the fundamentals of surface production operations and manage them effectively to enhance productivity.
- Implement safety protocols and ensure regulatory compliance to minimize risks and ensure safe operations.
- Apply equipment maintenance strategies and use technology to optimize performance and minimize downtime.
- Develop and implement production planning and scheduling techniques to balance demand and resources efficiently.
- Ensure quality control through effective monitoring, analysis, and continuous improvement practices such as Six Sigma and Lean Manufacturing.

Targeted Audience:

- Design engineers, Process engineers, Procurement agents.
- Maintenance planners.
- Service company representatives who support refineries.
- Corrosion and equipment engineers.
- Metallurgists.
- Inspectors and inspection supervisors.

Program Outlines:

Unit 1:

Introduction to Surface Production Operations Management:

- Overview of surface production operations.
- Importance of effective management in enhancing productivity.
- Introduction to key concepts and terminology.
- Overview of common challenges and their solutions.

Unit 2:

Safety Protocols and Regulatory Compliance:

- Understanding safety regulations and standards.
- Implementation of safety protocols in surface production operations.
- Risk assessment and mitigation strategies.
- Emergency response procedures.
- Compliance with environmental regulations.

Unit 3:

Equipment Maintenance and Optimization:

- Importance of equipment maintenance in production operations.
- Preventive maintenance strategies.
- Troubleshooting common equipment issues.
- Techniques for optimizing equipment performance.
- Utilization of technology for predictive maintenance.

Unit 4:

Production Planning and Scheduling:

- Overview of production planning processes.
- Factors influencing production scheduling.
- Techniques for effective production scheduling.
- Balancing production demands with resource availability.
- Strategies for adapting to changing production requirements.

Unit 5:

Quality Control and Continuous Improvement:

- Importance of quality control in surface production operations.
- Implementing quality assurance processes.
- Monitoring and analyzing production data for quality control.
- Root cause analysis for addressing quality issues.
- Continuous improvement methodologies such as Six Sigma and Lean Manufacturing.