Learning Objectives – the goal is to prepare students to:

- Understand DA and the relationship to an overall pipeline corrosion integrity management program
- Recognize the benefits and limitations of DA
- Understand industry standards related to DA
- Differentiate DA from other pipeline integrity methods
- Perform quality assurance
- Establish corrosion rates
- Understand responsibilities of the operator and/or service provider
- Understand the DA Phases:
  - Pre-Assessment
  - Indirect Inspections
  - Direct Examinations
  - Post-Assessment
- Recognize the different types of DA
  - External Corrosion Direct Assessment (ECDA)
  - Internal Corrosion Direct Assessment (ICDA)
  - Stress Corrosion Cracking Direct Assessment (SCCDA)
  - Confirmatory Direct Assessment (DA)
Education Training Programme

Direct Assessment

Course Highlights

- Comparison of DA to other pipeline integrity methods
- Direct Assessment Phases
  - Pre-assessment
  - Indirect inspection
  - Direct examinations
  - Post assessment
- External Corrosion Direct Assessment (ECDA)
- Internal Corrosion Direct Assessment (ICDA)
- Stress Corrosion Cracking Direct Assessment (SCCDA)
- Confirmatory Direct Assessment (DA)
- Establishing corrosion rates
- Reassessment options / intervals
- Quality assurance
- Management of change
- Continuous improvement
- Responsibilities of the Operator and/or service provider

Related Certifications/Qualifications

- PCIM Technologist

The Direct Assessment course will concentrate on internal, external and stress corrosion cracking direct assessment along with pre and post assessment, quality assurance, data analysis and integration, and remediation and mitigation activities. The course will also cover the benefits and limitations of Direct Assessment, its relationship to an overall integrity assessment program and industry standards, regulations and best practices.

NACE is recognized as an Authorized Provider of Continuing Education Units by the International Association for Continuing Education and Training (IACET). To receive CEUs, participants are required to be engaged in the entire course and successfully pass the final exam. At the conclusion of the course you will be asked to complete a course evaluation.

WHO SHOULD ATTEND?
The Pipeline Corrosion Integrity Management Program (PCIM) is a comprehensive training and certification program that is designed to train a wide range of pipeline professionals from field personnel to engineers to management.

Individuals responsible for implementation and/or management of an integrity program for a pipeline system with an emphasis on integrity verification and maintenance optimization should attend.

Prerequisites: No prior training required, but 8 years work experience or 4 years work experience and 4 year degree in Physical Science or Engineering is recommended.

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