



COURSE OVERVIEW

Plant & Equipment Inspection (Level-II)

Course Title:
Plant & Equipment Inspection(Level-II)

Course Duration & Date:
Three days, 13th July – 15th July '2009

Course Description:

The course will identify the principles of inspection management together with advice on practical steps to establish an effective inspection management programme. The course is aimed at anyone who is involved in the development and implementation of inspection management strategy and procedures, particularly involving ageing plant.

Course Objectives:

An effective plant inspection system delivers benefits for safety, reliability and operational performance, whilst optimizing maintenance and inspection costs. Implementing such a system requires proactive management of deterioration mechanisms. It requires a “whole team” approach, as equipment inspection is not solely the responsibility of the maintenance and inspection functions. This course covers the essential elements of an equipment integrity management system including legislative compliance.

On completion you should be able to:

Appreciate the requirements of an inspection management programme and the benefits of focused inspection appreciate the main forms of deterioration and best ways to look for them appreciate how to meet legislation and implement good practice Identify the key issues associated with ageing plant.

Course Fee:

Rs. 18,000/=

This rate includes P&U certificate, course notes, buffet lunch, coffee/tea on arrival, morning and afternoon of each day.

Accommodation:

Accommodation is not included in course fees. However, any accommodation required can be arranged by P&U at the time of booking.

Petrosult & Unimart

520, Anum Blessings, Block 7 / 8, Karachi Co-operative Housing Society,
Shahrah-e-Faisal, Karachi-75350, Pakistan.

Email: info@pnuccorinp.com , Web site: www.pnuccorinp.com

Tel:- +9221-4387939, 8025058 & 6055351 , Fax:- +9221-4316649

**Course Venue:**

Regent Plaza Hotel & Convention Centre Main Shahrah-e-Faisal, Karachi. The exact venue will be notified two weeks before the course starting date.

Course Certificate:

P&U certificate will be issued to all attendees.

Who will benefit and what will they gain?

The course will identify the principles of inspection management together with advice on practical steps to establish an effective inspection management programme. The course is aimed at anyone who is involved in the development and implementation of inspection management strategy and procedures, particularly involving ageing plant.

Course Instructors:**Yousuf Memon**

Yousuf Memon, based in Pakistan, is a Corrosion-Inspection-Materials Consultant. He has been working for national & international oil & gas exploration, petroleum refineries, petrochemical plants, chemical plants, fertilizer plants, power plants, desalination plants for last several years. Different areas of corrosion and plant inspection remained his areas of expertise namely, Corrosion Monitoring, Corrosion Inhibitor Injection, Material Selection, Protective Coatings, Material Performance Evaluation, Cathodic Protection System, Non Destructive Testing, Risk-Based Inspection and Failure Analysis for operating facilities and for development projects. Petrosult & Unimart (Corrosion Control & Integrity Management Company), Karachi. He also has been delivering relevant in-house and public seminars locally and internationally. He has been a member of NACE and has obtained Bachelor's degree in Chemical Engineering from Karachi University in 1975.

Course Outline:

Sec I	-	Process Equipment
Sec II	-	Metallurgy & Materials
Sec II	-	Fabrication and Construction
Sec III	-	Equipment Aging, Corrosion & Mechanical Damage
Sec IV	-	Thinning, Defects & Flaws
Sec V	-	Coatings & Lining
Sec VI	-	Inspection Codes & Standards
Sec VII	-	Inspection & Testing
Sec VIII	-	Non Destructive Testing
Sec IX	-	Corrosion Monitoring

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- Sec X - Managing Corrosion
- Sec XI - Inspection Organization
- Sec XII - Inspection Intervals & Strategies
- Sec XIII - Key Performance Indicators
- Sec XIV - Alteration and Repair Procedures
- Sec XV - Integrity Management
- Sec XVI - Risk-Based Inspection
- Sec XVII - Failure Analysis
- Sec XVIII - Documentation & Record Keeping

Course Coordinator:

Mr. Yameen Avedia,
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Email: yameen.a@pnucorrip.com

For any further assistance or information, please feel free to contact the course coordinator.

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