



A 2-day intensive program on

PRESSURE VESSEL

16-17 November 2009

**PARKROYAL HOTEL
KUALA LUMPUR**

- Design & Maintenance

PROGRAM DESCRIPTION

Individuals who are responsible for designing, reviewing, and implementing pressure vessel maintenance programs should first have a good understanding of pressure vessel design. This course treats both the design and maintenance aspects of pressure vessels.

It first provides the information necessary for individuals to be able to evaluate the design of pressure vessels in accordance with the ASME Code Section VIII, with the emphasis on Division 1. To do this, participants will learn the fundamental requirements specified in the ASME Code. It then provides the information necessary to develop a pressure vessel maintenance program and evaluate pressure vessel mechanical integrity in accordance with API 510 and other industry practices.

FOCUSING ON:

SECTION 1 - PRESSURE VESSEL DESIGN

- Basic Pressure Vessel Concepts
- Materials Of Construction For Pressure Vessels
- Specifying Design Requirements For Pressure Vessels
- Fabrication, Inspection And Testing Of Pressure Vessels

SECTION 2 - PRESSURE VESSEL MAINTENANCE

- Pressure Vessel Integrity Program
- Fitness-For-Service Assessments
- API 510 Requirements
- Pressure Vessel Inspection Practices
- Evaluating Corroded Pressure Vessels For Continued Operation
- Brittle Fracture Assessment
- Details For Welded Repairs And Alterations
- Rerating Pressure Vessels

WHO SHOULD ATTEND

- Individuals who are responsible for evaluating the design of pressure vessels in accordance with the ASME Code Section VIII.
- Individuals who are responsible for evaluating the mechanical integrity of in-service pressure vessels in process plant applications. Managers who are responsible for implementing a pressure vessel maintenance program and desire an understanding of applicable evaluation procedures.
- M & E Consulting Engineers
- Plant Engineers/Managers
- Maintenance Personnel
- Pressure Vessel Regulatory Body
- New/Trainee Engineers
- Maintenance Engineers/Managers
- Project Engineers
- Service Engineers
- Safety Managers/Officers
- Contractors
- Maintenance Superintendents
- Technicians

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