

# ASME V Code

## "Non-Destructive Testing" Simplified



### INTRODUCTION

This course gives participants coming from Engineering, Manufacturing, Repair and Testing Companies a comprehensive overview about the ASME V Code "Non-Destructive Testing" and prepares them to fully comply with Code Requirements. After completion of this training course the participants will be able to handle code-related tasks and better understand and interpret Code requirements. This makes project executions and the company's operation more efficient and profitable.

### SPEAKER'S BACKGROUND

**Mr. B. L. Foo** - B.Sc.(Mech)., CEng, CMarEng., MI-MarEst., a Chartered Engineer, Authorized Inspector Supervisor for ASME Code activities and currently Director -Operations of BLF Integrated Consulting LLP., has over 30 years of cumulative experiences in Quality Management (ISO 9001) & ASME Quality Assurance System Auditing, ASME Quality Control System, Offshore and Onshore constructions, Independent Third Party Inspection, Marine Survey, QA/QC Activities, Pressure Equipment Design & Fabrication, Project Management etc. He is also an Authorized PED Inspector and Auditor of PED Quality Assurance Systems.

**Mr. Lutz Seibt** is presently the Director of IDC Plant Technology Sdn Bhd. He has 16 years hand-on experience as an Authorized Inspector and Auditor acc. to German Pressure Vessel (AD Merkblaetter), Boiler (TRD) and Storage Tanks Codes, Pressure Equipment Directive (PED), Transportable Pressure Equipment Directive (TPED) and European Construction Material Directive; 9 years out of it within TUV's International Business Unit in Asia Pacific. He has given training sessions on Pressure Equipments and German Pressure Vessel Standards for instance in Malaysia, Singapore, Korea and China.

### OBJECTIVES

The course provides participants with the knowledge necessary to:

- ◆ Understand and Interpret code requirements and effectively use the ASME V code.
- ◆ Effectively make cross-references to internal and external code requirements.
- ◆ Provide participants the required about correct application, advantages and limitations of different NDT-methods in reference to ASME VIII or ASME IX and various other codes and standards like "API-510 (Pressure Vessel), API 570 (Piping Systems), API-653 (Storage Tanks) etc..

### WHO SHOULD JOIN

This class is designed for pressure equipment Manufacturer, Inspectors of Plant Construction & Inspection companies, Engineers working in refineries, chemical, industrial & gas plants and oil fields.



Organized by:

**IDC**  
Training House Sdn Bhd

594752 (M)

HRDF Approved Training Provider (AO470)  
Ministry of Finance (Reg. No 357-02088676)

Updated on 13 Jan 2010

# ASME V Code

## "Non-Destructive Testing" Simplified



### COURSE OUTLINE

- 1) Welcome & Introduction
- 2) Introduction into the ASME System
  - ◆ Purpose of the Code
  - ◆ Scope of the Code
- 3) Structure of Section V,
  - ◆ Organization of the Code
  - ◆ Responsibilities
  - ◆ Key terms discussed in the Code
- 4) Non Destructive Testing (NDT) Methods
  - ◆ Visual Inspection Method
  - ◆ Radiographic Method (RT)
  - ◆ Ultrasonic Testing Method (UT)
  - ◆ Magnetic Particle Testing Method (MT)
  - ◆ Dye-Penetrant Testing Method (PT)
  - ◆ Other Testing Methods
- 5) NDT in ASME XIII, Div. 1
- 6) NDT in ASME IX
- 7) Qualification of NDT-Procedures
- 8) Qualification of NDT-Personnel
- 9) Workshop "Differences and Similarities between ASME and European Code Requirements"

### DAILY SCHEDULE

9:00a.m. – 5:30p.m. (Workshop)  
Day 1 Registration from 8:30a.m.

### CLASS SIZE

Enrollment is limited to 20 students.

### BRING TO CLASS

Students should bring to class:

- ◆ ASME V(2007)
- ◆ A calculator
- ◆ Lots of questions and a "CAN-DO" attitude.



Organized by:

**IDC**  
Training House Sdn Bhd

594752 (M)

HRDF Approved Training Provider (AO470)  
Ministry of Finance (Reg. No 357-02088676)

Updated on 13 Jan 2010