



ASME BPVC Section V Non-destructive Examination Course

10-12 March 2015

Hong Kong Section

Course Outline

This three (3) day course covers ASME Boiler and Pressure Vessel Code Section V (BPVC V) on non-destructive examination (NDE) with coverage on the following methods:-

- Penetrant Testing (PT)
- Magnetic Particle Testing (MT)
- Radiographic Testing (RT)
- Ultrasonic Testing (UT)
- Eddy Current Array (ECA)
- Phased Array Ultrasonic Test (PA UT)
- Time of Flight Diffraction (TOFD)

The course offers (i) an overview on the requirements and facilitates better use of BPVC V in managing NDE and warranting quality of high value engineering assets, as well as (ii) general appreciation to the principles and operations of common NDE methods.

Who Should Attend

The course is intended for experienced personnel such as QC supervisors, QC Engineers and Authorized Inspectors who manage/review NDE activities carried out in accordance with ASME BPVC V in shops involved in boiler/pressure vessel/piping fabrication. Shop Fabrication Engineers and Design Engineers will also benefit by widening their knowledge. It should be noted that this is not a certified course for NDE operators.

Course Instructor

Dr. Dipak K. Chandiramani received his B. Tech. (Hons.), M. Tech. and Ph.D. degrees in Mechanical Engineering from IIT Kharagpur, India. He was involved in developing welding procedures for offshore structures and Jack-up Drilling Rigs for five (5) years. For the last 30 years he has been involving in inspection of boilers, pressure vessels, piping and large storage tanks. He is an Authorized Inspector Supervisor of ASME Certification Mark stamped vessels. He has also involved in certification of pressure vessel design reports to ASME BPVC Section VIII Div. 2. He is an ASNT Level III in RT, UT, PT and MT and possesses large number of publications in national and international journals related to welding and pressure vessel design.

Supporting Organizations:



Hong Kong Branch

**Institution of
MECHANICAL
ENGINEERS**

Course Registration Form

PERSONAL INFORMATION

First Name: _____

Last Name: _____

Company/Organization: _____

ASME Membership ID (if applicable): _____

Contact Number: _____

Address: _____

E-mail Address: _____

COURSE INFORMATION

Course: ASME BPVC Section V Non-Destructive Examination Course

Organizer: American Society of Mechanical Engineers (Hong Kong Section)

Instructor: Dr. Dipak K. Chandiramani

Date: 10-12 March 2015

Time: 0930 hours – 1730 hours

Venue: The Hong Kong Management Association, 14/F Fairmont House, 8 Cotton Tree Drive, Hong Kong

Cost: HK\$5,600 per person (reduced to HK\$4,300 for ASME members)
Inclusive of a hard copy training summary pack, light refreshments during breaks, and lunches throughout the 3-day course

REGISTRATION & PAYMENT DETAILS

The cheque should be payable to "The Hong Kong Section of ASME International", and send to Ir Dr Randolph Leung with this course registration form by the address below.

The Hong Kong Section of ASME International

c/o Ir Dr Randolph Leung

Department of Mechanical Engineering

The Hong Kong Polytechnic University

11 Yuk Choi Road, Kowloon, Hong Kong

A copy of the signed course registration form should be sent by email at industrial@asmehk.org or by fax to 2365-4703 for enrollment before sending the cheque.

INQUIRIES

In case of inquiry, please write to industrial@asmehk.org.

Signature: _____ **Date:** _____

Enrollment is on first-come-first-served basis with priority given to ASME members. Interested parties please submit the registration form by 28 February 2015. Certificate of Attendance will be issued at the end of the course.