



## **ASME BPVC Section V Non-destructive Examination Course**

8 – 10 December 2014

Hong Kong Section

### **Course Outline**

This three (3) day course covers the fundamentals of non-destructive examination (NDE) and 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 provides the information you need for effectively supervising and managing NDE operations by having a better understanding of the above methods and the requirements of ASME Boiler and Pressure Vessel Code (BPVC) Section V.

### **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 Section 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:*



## 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: 8 – 10 December 2014

Time: 0930 hours – 1730 hours

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

Cost: HK\$5,500 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 e-mail at [industrial@asmehk.org](mailto: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](mailto:industrial@asmehk.org).

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**Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

Enrollment is on first-come-first-served basis with priority given to ASME members and members of supporting organizations. Interested parties please submit the registration form by 21 November 2014. Certificate of Attendance will be issued at the end of the course.