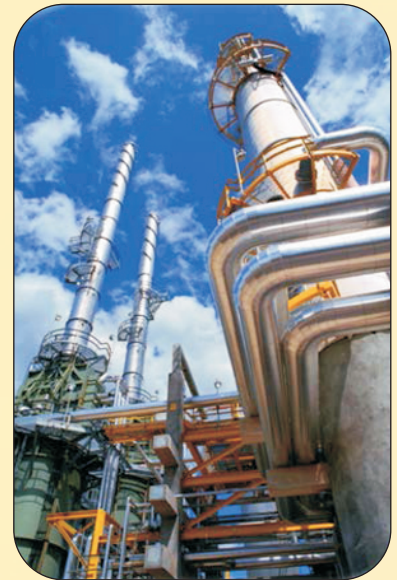


## Pressure Equipment Training ASME Section IX

Conducted by Hartford Steam Boiler, USA  
at Blastline Institute, Cochin  
On 30th & 31st May, 2019 from 9 am to 5 pm

### ABOUT THE HARTFORD STEAM BOILER

- Hartford Steam Boiler is the largest ASME Authorized Inspection Agency in the world. We provide pressure equipment inspections and engineering services which include ASME, PED, IBR, Australian Standards, Brasil NR-13, DOSH, KEPIC, and other Third Party Inspections
- Hartford Steam Boiler began its operation from Hartford in the 1866
- Hartford Steam Boiler is a founding member of ASME and the “Hartford’s Standards” were the basis of ASME’s first Code requirements in 1914
- Hartford Steam Boiler is the largest Authorized Inspection Agency in ASME and has the highest participation in the Standards Development Committee meetings.
- Hartford Steam Boiler handles hundreds of technical questions regarding ASME each month



#### Why Attend?

- Understand how to use, review and meet the ASME Code of construction for pressure vessels
- Understand third party pressure equipment inspection
- Obtain a certificate of completion from Hartford Steam Boiler

#### Who Should Attend?

- Individuals, Inspectors, Engineers or Managers in Welding involved with pressure equipment built to ASME standards
- Fabricators and those involved in procurement of pressure equipment

For more details, call

Mob: +91 99956 24300, Tel: +91 484 2408477, +91 484 2537344

E-mail: [info@blastlineinstitute.com](mailto:info@blastlineinstitute.com) | Web: [www.blastlineinstitute.com](http://www.blastlineinstitute.com)

## Topics Covered

- # Correlation to Construction Codes
- # Acceptable Welding Processes
- # Requirements for WPS and Welder Qualification
- # Manufacturers Responsibilities for Qualification
- # Inter-company Welding Procedures
- # Procedure and Qualification Ownership Transfers
- # Standard Welding Procedure Specifications
- # Welder Performance Qualification
- # Test Coupon Types
- # Conducting a Qualification Test
- # Ranges and Limits of Qualifications
- # Required Qualification Tests
- # Welding Documents
- # Welding Variables
- # WPS Applicability
- # WPS/PQR Interrelationships
- # Continued validity of WPS and WPQ WPS Combination and Separation
- # Dissimilar Metal Welding
- # Dissimilar Thickness Welding
- # WPS Qualification for Root Welds
- # Workshop on WPS/PQR/ WPQ and quiz



**Jayaram Vattappilly**  
Presenter

**Jayaram Vattappilly, P. E.** holds a Mechanical Engineering degree from the University of Calicut, India, a Master of Engineering degree in Welding from National Institute of Technology (NIT), Tiruchirappalli, India and a second Master's degree in Advanced Design and Manufacturing from the University of Waterloo, Ontario, Canada. His experience has principally been in the area of pressure equipment construction, working in the role of a QA/QC Engineer, an Inspection Engineer for a large engineering consulting firm servicing refineries and petrochemical plants, a welding engineer responsible for both structural and pressure vessel welding activity, and as a design engineer of pressure equipment constructed to ASME Sections I, IV, B31.1, and VIII. He presently holds a Professional Engineering license from Ontario, Canada and National Board Commission with "NS" & "A" endorsements. He is the ASME Chair of Subgroup of Design (BPV I) and member of Committee on Power Boilers (BPV I). He is also a member of the ASME Subgroup on Design (BPV VIII), Subgroup on Toughness (BPV VIII), Special Committee on Interpretations (BPV VIII) and Subgroup on Materials (BPV I). Jay provides technical support on ASME Boiler and Pressure Vessel Code Sections I, IV, VIII & IX, and is our subject matter expert on the Indian Boiler Regulations (IBR).

**Venkatesan** is a Diploma in Mechanical Engineering, B.S Engg ( Metallurgy & Material Science) , ASNT NDT Level – III ( RT, MT, PT & UT), AWS-CWI, CSWIP 3.1, API 651, ISO Lead Auditor. 25 Years experience in QA/QC, Inspection, Welding and NDT, Materials and an Authorized Nuclear Inspector Supervisor (ANIS). He is working with Hartford Steam Boiler as Authorized Inspector Supervisor (AIS) & PED Auditor from March 2010 involved in ASME shop certification and ASME Inspection covering construction Codes ASME Section VIII Div.1, Div.2, ASME Section – I, ASME B31.3, ASME Sec – X. Holding additional responsibility as Supervisor – Code Services for Providing Technical support , training and guidance to Authorized Inspectors. Also worked in Larsen & Toubro Limited- ECC Division and Themax Limited in India for 8 Years and ABJ Engineering ( Kharafi National) as Project QC Manager for 10 years in State of Kuwait. During this period, he has involved in many Oil & Gas, Refinery and Petrochemical plants handling QA/QC and Inspection activities of Projects. He has conducted several training to QC Engineers and QC Inspectors on Welding and NDT covering ASME Codes.



**Venkatesan Jayabalan**  
Presenter



**BLASTLINE INSTITUTE**  
OF SURFACE PREPARATION & PAINTING  
ISO 29990: 2010

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