## Overview Program on Requirements for Inspection & Testing of Castings, Valves and qualification of welders as per IBR 2020 (Weekend Batch) Date: 9th January'2021, Time: 2:30 PM to 5:30 PM



## **Course Features**

This course designed to provide overview of Welder Qualification, Inspection & Testing of Castings and Valves in accordance with 'Indian Boiler (Second Amendment) Regulations, 2020' requirements and how these need to be taken care at various stages and in documentation.

## Course Objectives

This course will give comprehensive knowledge to all personnel involved in Welder Qualification, Inspection and Quality Control in Fabrication, Foundry & Valve Industry, shall understand and implement requirements to ensure Regulation compliance at all stages as per IBR 2020.

## Who should attend?

- QA / QC, Production, Welding Engineers, Managers and all personnel who are part of Boiler & Pressure Vessel Manufacturers, Fabricators, Foundries and Valve Industries.
- Inspection Engineers, independent Competent Persons and QC consultants.



## Course Contents

- Requirements for Welder Qualification as per IBR 2020
- Pre-requisite for Welder Qualifications.
- Initial Qualification Tests
- Changes requires Re-Qualification Tests
- Examinations and award of Certification
- Validity and Revalidation
- Requirements for Inspection & Testing of Castings as per IBR 2020
- Process of Manufacture of Steel Casting and Grey iron Castings.
- Chemical Analysis, Tensile, Bend tests and Hardness Test.
- Heat Treatment requirements
- Non Destructive testing
- Dimensional Inspection
- Certificate of Inspection and Testing of Castings
- Requirements for Inspection & Testing of Valves as per IBR 2020
- Raw Material Verification
- Non Destructive testing as required.
- Sampling plan and Hydraulic test
- Certificate of Inspection & Testing of Valves

## **Issue of Certificate**

Certificate of successful attendance shall be issued to all the delegates who attend entire duration of the course.

Duration : 3 Hours (180 Minutes)

Registration Fee : Rs.1,500 + 18 % GST

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## Registered & Head Office-

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