

Webinar on Basics of Impact Properties and requirements as per ASME Section VIII Div.1 & Section IX (Weekend Batch)

Date : 19th December 2020, Time: 10:00 AM to 1:00 PM



Course Features

Impact Testing is indispensable in the quality assurance during the construction of pressure retaining parts and vessels. This introductory course provides the basic understanding of Impact Test requirements by ASME Section VIII Division 1 and Section-IX for Material selection & Testing, Test Procedure, acceptance criteria and Implication of Impact Test requirements in Welding Procedure qualifications.

Course Objectives

This course helps to understand Basics Impact Properties and Code specific requirements so that such requirements during construction of pressure vessels shall be effectively and satisfactorily fulfilled.

Who should attend ?

- ♣ QA/QC, Production Engineers and Manager
- ♣ Representatives of Inspection agencies
- ♣ Representative of Destructive Testing companies
- ♣ Representatives of Pressure Vessels Manufacturers (Who are using ASME as Design Code)
- ♣ Representatives of ASME Certified Manufacturers

Duration : 180 Minutes (3hrs)

Registration Fee : Rs. 1500 + 18 % GST
Per Participant

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Course Contents

♣ Basic Impact Test properties

- Impact property and Historical background
- Basics and Types of Impact test
- Testing standards
- Impact Test Method per SA-370

♣ Impact Test requirements as per ASME Section VIII DIV I

◆ Carbon and Low Alloy steel Materials

- UG-20(f) Exemptions from Impact Testing
- UCS-66(a) Establishing Impact Test requirements and exemptions
- UCS-66(b) Colder MDMT without Impact Testing
- UCS-66(c) Exemption from Impact Test for PWHT
- UCS-68(f) Impact Test requirements for Yield Strength greater than 450 MPa

◆ Welding

- UCS-67 Impact Test of Welding Procedure

◆ Charpy Impact test Procedure UG-84

♣ Impact Test requirements as per ASME Section IX

- General requirement
- Welding Procedure Qualification
- Welding Data

Issue of Certificate

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



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