

## Webinar for Overview of Design Basics for Non Designers, ASME Section VIII Division-1 (Weekend batch)

Date : 20th Feb 2021

Time: 10:00 AM to 1:00 PM



### Course Features

This course is designed to provide overview of various considerations applied while performing design calculations and how these need to be taken care at various stages of construction like material inspection, stage wise inspection, documentation and testing as per ASME Sec VIII Division-1 along with its representation on manufacturing drawing to ensure code compliance, other than the design engineers.

### Course Objectives

This course will give basic inputs to all personnel (Non Designers) involved in construction shall understand and implement design specific requirements to ensure code compliance at all stages of construction as per ASME Sec VIII Division-1.

### Who should attend ?

- ♣ QA / QC, Production, Fabrication, Engineers and Manager
- ♣ Inspection Engineers, independent QC consultants
- ♣ Aspirant designer, draftsmen,
- ♣ Marketing and Estimation Engineers / Managers

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

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Registered & Head Office-

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### Course Contents

- ♣ Scope of ASME Section VIII division-1
- ♣ Code Boundary
- ♣ Unusual design provision
- ♣ Standard reference and Unit of measurement
- ♣ Design parameters
- ♣ Applicable design loadings
- ♣ Material selection
- ♣ Allowable stresses
- ♣ Service Specific requirements
- ♣ Finding allowable stresses as per ASME sec II Part-D
- ♣ Thickness calculation of cylindrical shell
- ♣ Overview on major pressure part thickness calculation
- ♣ Requirement of basic design data and drawing content
- ♣ Requirements of UW-16
- ♣ Inspection Openings & drain requirements
- ♣ Calculation of hydro test pressure
- ♣ Name plate content requirement

### Issue of Certificate

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

**Duration : 180 Minutes(3 hours)**



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- Available on Android- Google Play Store & iOS Apple Store
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