

## Boiler & Pressure Vessel Code: Section VIII, Division 1

### DESIGN & FABRICATION OF PRESSURE VESSELS - 3 DAYS TRAINING COURSE

Based on the rules for pressure vessel design & construction, this 3-day training course covers the requirement of Section VIII, Div. 1, including organization, design, materials, fabrication, inspection, testing and documentation of pressure vessels. The course is designed as a workshop where the delegates are encouraged to do all calculations using only pencil, paper and a calculator.

#### Course Description:

##### Day 1:

- Organization of ASME Pressure Vessel Code
- Design Loads and Stresses in Pressure Vessels
- Material of Construction
- Low Temperature Operation
- Joint Efficiencies

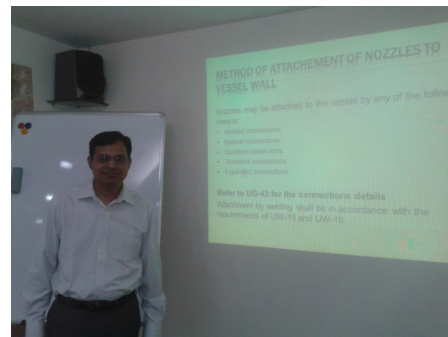
##### Day 2:

- Design of Shell Sections
- Design of Conical Sections
- Design of Formed Heads and Flat Heads
- Design of Nozzle and Openings

##### Day 3:

- Design of Nozzle & Openings (Contd.)
- Design of Flanges
- Design of Tall Towers
- Design of Column Supports
- Fabrication and Inspection

#### Instructor Profile



Ramesh Tiwari holds Bachelor's and Master's degree in Mechanical Engineering, and is a registered Professional Engineer in the state of Maryland in the United States. He has over 21 years of experience designing pressure vessels, heat exchangers and tanks. He has given pressure vessel training in Canada and India, and has held several in-house workshops in United States.

#### Who Should Attend

This course is designed for designers, engineers, managers and quality personnel who are involved in design, fabrication and examination of pressure vessels and heat exchangers built to the requirements of ASME Code, Section VIII, Div. 1

#### Venue and Dates:

**Pune**  
May 29-31

**Vadodara**  
June 5-7

**Mumbai**  
June 19-21

Preferred timing for training is 10:00am - 5:30pm; however alternate suggestions will be considered.

For registration and enquiries, contact:

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Participation fee for off-site training is Rs. 12,000 per head + 12.36% towards service tax i.e. a total amount of Rs. 13,483 for each participant. To ensure confirmation, please send your nominations along with participant's fees seven days before the training date. In-house courses are also offered at rate of Rs. 25,000 per day with all travel, lodging, local commute and food expenses paid by the Client. The course fee is to be paid in favour of **CoDesign Engineering Private Limited** in the form of DD payable at New Delhi. The Service Tax Code is **AADCC8170HSD001**.

**CoDesign Engineering** is involved in projects that promote sustainable development and improvement in system efficiencies with specific focus on energy projects. Its operations are classified into the following main business groups: Pressure Vessels, Heat Exchangers, Piping Systems, and Solar Photovoltaic Power Plants.