

Training Program on ASME Section VIII, Division 1 : Design & Fabrication of Pressure Vessels



Organized By
Anchor Institute Cell (Engineering & Auto)
(Promoted by Industries Commissionerate, Govt. of Gujarat)
S. V. National Institute of Technology, Surat

Course Objective:

Three days course is a basic introductory overview of the Sec VIII Div 1 code book, 2013 Edition, 2014 Addenda.

Course Content:

- Brief history of CODE sections development, organising & formatting of Sec VIII div 1
- Scope of Sec VIII-1, Subsection A/B/C requirements
- Material toughness and impact testing requirements, Material Requirement & Recertification
- Joint categories and joint efficiencies
- General requirements related to stamping, reports, testing, PWHT, tolerances, and NDE.s
- Welding, Fabrication, cutting requirements. Forming Shell & Head sections
- Committees, operation and voting procedures
- Editions, addenda, case studies and interpretations. Code Stamping.
- Design Requirements, Design loadings and allowable stresses
- Design criteria and strength theory for Division-1
- Formulas for internal pressure and tensile loading
- Procedures for external pressure (vacuum) and compressive loads
- Openings and reinforcement. Hydrostatic and pneumatic testing
- Background of the design rules, NDT, PWHT, Pressure testing & MANY MANY MORE.....

Trainer :

Mr. P. G. Shah ASME Authorised Training Instructor, is Graduated from G.U. Ahmedabad with a BE in Mechanical Engineering in 1964. He is having 48+ years experience in Design and Manufacturing of Pressure Vessels and Heat Exchangers to ASME Sec. VIII Div. 1 & Div 2 CODE books.

At present he is working as a "Sr. VP at Patels Airtemp Limited, Ahmedabad"

Since September, 2011 he is delivering lectures on Design and Fabrication of Pressure Vessels to ASME CODE at Anchor Institute, SVNIT, Surat and other Engineering Colleges in Gujarat.

Date of Training : 7 - 9 MAY, 2015 (Timing 9 am to 5 pm)

Target Audience : Open to All (Students', Professionals', Faculty)

Registration Fee: (*Group discount of 5% for group of 3 or more)

Rs 1000/- (For Students) Rs 3000/- (For Faculty & Researchers) Rs 6000/- (For Industry Candidates)

Last Date of Registration :

The registration form duly filled by participants, along with DD/At Par Cheque drawn in favour of 'SVNIT-Account Anchor Institute', payable at Surat or cash should reach the Anchor Institute latest by 20/04/2015.

Address for Corresponding :

Project Co-ordinator

S. V. National Institute of Technology,

Ichchhanath, Surat 395 007 , Gujarat, India.

Phone: 0261 220 1818/1819 (O), 09909904155 (M)

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Registration Form:

NAME :.....

DESIGNATION/YEAR/BRANCH :.....

COLLEGE/INSTITUTE/ORGANIZATION :.....

.....

MAILING ADDRESS:.....

.....

.....

MOBILE NO.:.....

EMAIL ID:.....

SIGNITURE (Date)

(Accommodation on request will be made available on chargeable basis)

About Anchor Institute

The wide industrial base in Gujarat state is expected to increase significantly in near future due to the large new investments coming in as envisaged during Vibrant Gujarat Summits. One of the issues arising due to this will be regarding availability of necessary technical manpower as realized by the Industrial Commissionerate, Govt. of Gujarat, Gandhinagar. The Industrial Commissionerate, Gandhinagar, has decided to tackle this issue through training and skill development programmes for technical manpower to be conducted on massive scale by academic Institutes which will be provided substantial part of necessary financial support for this purpose. It is our pleasure to mention here that our Institute is selected as a State Level Anchor Institute in the Engineering & Auto sector for this purpose. The basic motive for Anchor Institute is to take various initiatives in creating readily employable and industry responsive technical man power, at all level, across the state.

About SVNIT

The Institute was initially established as Sardar Vallabhbhai Regional College of Engineering & Technology in 1961 and was upgraded as a National Institute of Technology with the status of 'Deemed University' on 4th October, 2002. SVNIT is an Institute of National importance, under the Ministry of Human Resource Development, Govt. of India which has contributed many outstanding engineers in India & abroad. It is conducting seven UG programmes, eighteen PG programmes, and a Ph.D. programme in all disciplines of engineering and applied sciences. Special attention is given to interdisciplinary research. The Institute has an excellent placement record with a number of top ranking companies visiting the campus every year.