



"GUIDED TOUR OF ASME CODES"

(With Specific Focus on Edition 2023)

[Covers ASME Sect. VIII Div.1, Sect. IX, Sect. V, Sect. II A & C]

SEMINAR DATE: 11th to 12th Aug 2023



ABOUT THE FACULTY:

Mr. Diwakar D. Joshi

- ASNT Level III (RT,PT,UT,MT,ET,LT,VT)
- TUV Certified Level 3 (RT,PT,UT,MT)
- Senior Certified Welding Inspector (AWS)
- ISO 9001 Lead Assessor
- API 510 Pressure Vessel Inspector
- API 653 Aboveground storage Tank Inspector
- API 570 Authorized Piping Inspector
- API 571, API 580 and API 577 Authorized Inspector
- API 936 Refractory Practitioner
- API TES Tank Entry Supervisor
- API 1169 Pipeline Construction Inspector
- API Source Inspector Fixed Equipment (SIFE)

Director, Insight Quality Services (IQS).

IQS is a Training, Consultancy, Inspection & NDT services organization, giving services to industries for more than 29 years.

Mr. Diwakar Joshi is a B.E. (Mechanical) with first class (distinction), having more than 45 years' experience in QA/QC and NDT field with well-known organizations like Walchandnagar Industries Ltd., Alfa Laval India Ltd., PT. Puspetindo, Indonesia and PT. Balcke-Durr, Indonesia.

Our IQS Technical Team :- **Mr. Aditya Bhagwat & Mr. Shreeniwas Deodhar.**

External Expert Designer :- **Mr. Anant Kaujalgikar**

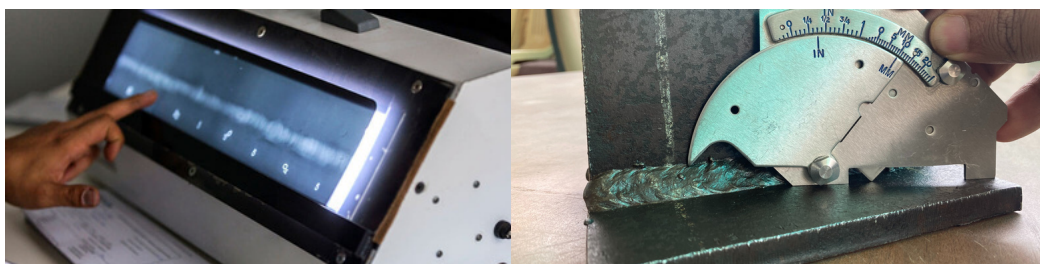
About The Course:

This training course is designed to give a general understanding of various ASME codes with emphasis on Section II (Part A and C), Section V, Section VIII Div. 1 and Section IX. It helps the participants to understand the code objectives, code contents, and stated and implied requirements. It helps the participants to be aware of the mandatory, recommended and optional stipulations of the codes. The course covers: ASME Section II – Material Specifications (Part A and C), Section V – Non Destructive Examination requirements, Section VIII Div. 1 – Unfired Pressure Vessel Design and Section IX – Welding Qualifications. ASME codes, being the most universally used codes in the Oil and gas industry, have extensive utility at various levels.

This course is so designed that participants will understand the correct methodology to use the codes according to 'the letter and spirit' of the codes. Important code requirements will be explained in a simple, straight forward manner, with extensive examples and case studies. The course is designed such that a previous background in ASME code is not necessary.

Course Objectives:

- To familiarize participants with the technical terms of the engineering codes and know the basic concepts of the codes.
- To explain the participants the ASME code system and basic difference between ASME and other codes.
- Choose the right engineering codes for the intended application and carry out certain basic calculations.
- Understand the key concepts in design, construction, inspection and testing of Boilers and Pressure vessels. Carry out the basic calculations.
- Understand the methodology of Welding Qualifications: Procedure and Performance Qualifications.
- Understand common NDT methods (PT, MT, RT, UT, VT, ET, LT) and the code rules for conducting the NDT.
- Know the fabrication requirements, inspection procedures, pressure testing and certification of Boilers and Pressure Vessels.



Who Should Attend?

Designers, Manufacturing personnel, QC personnel, NDE personnel, Purchasers, Consultants, Third Party Inspectors and any person using the Code. The course is designed such that no previous background in ASME code is necessary. However, those familiar with the code will find the course immensely useful as regards understanding the code by "letter and spirit" and gaining a thorough systematic practical insight of the code.

Seminar Schedule :-

Date :	11th & 12th August 2023
Training Time :	9.00am to 5.30pm
Fees per candidate :	Rs. 5,500/- + 18% GST
Venue :	will be conveyed later

Early Bird Discount!!

Discount offers for Individual:

- If you transfer the total fees before 22nd July 2022, a 10% discount on total fee is applicable.

Discount offers for Groups:

- If you are sending 2 or 3 candidates in a batch with total fees paid before 22nd July 2023, 15% discount on the total fees is applicable.
- If you are sending more than 3 candidates in a batch with total fees paid before 22nd July 2023, a 20% discount on total fees is applicable.

Registration Link: <https://www.iqs-ndt.org/registration-form>



Seminar Outline:

1st Day

Session 1 (9.00 am to 11 am)

Welcome & Introduction
Benchmark
Intro to ASME Codes
ASME Sect. VIII Div. 1: UG General Requirements

Tea Break (11 am to 11.15 am)

Session 2 (11.15 am to 1 pm)

ASME Sect. VIII Div. 1: UW: Welding Requirements
ASME Sect. VIII Div. 1: Requirements by Material

Lunch Break (1 pm to 2 pm)

Session 3 (2 pm to 3.30 pm)

ASME Sect. VIII Div. 1: PWHT and Impact testing
ASME Sect. VIII Div. 1: Fabrication, Inspection, Examination & Testing

Tea Break (3.30 pm to 3.45 pm)

Session 4 (3.45 pm to 5.30 pm)

ASME Section II Part A and C
Materials and consumable Specifications
Discussion on Changes in ASME Sect. VIII Div.1 (2023)
Evaluation Test

2nd Day

Session 1 (9.00 am to 11 am)

Benchmark
ASME Sect. IX: General Requirements
ASME Sect. IX: Welding Procedure Specification

Tea Break (11 am to 11.15 am)

Session 2 (11.15 am to 1 pm)

ASME Sect. IX: Procedure Qualification Record
ASME Sect. IX: Welder's Performance Qualification
Discussion on Changes in ASME Sect. IX (2023)

Lunch Break (1 pm to 2 pm)

Session 3 (2 pm to 3.30 pm)

Benchmark
ASME Sect. V: Introduction to Non-destructive Examination
ASME Sect. V: Visual Testing, Penetrant Testing, Magnetic Particle Testing

Tea Break (3.30 pm to 3.45 pm)

Session 4 (3.45 pm to 5.30 pm)

ASME Sect. V: Radiographic Testing, Ultrasonic Testing
Discussion on Changes in ASME Sect. V (2023)
Evaluation Test

Insight Quality Services

Office No. 507, 508, 5th Floor, Building No.1, Siddharth Towers, Sr. No. 12/3B,

Near Sangam Press, Kothrud, Pune – 411 029

Mobile: + 91 9689928561 / 64 / 68 (M) +91 9881244118

E-mail - support@iqs-ndt.org / Web-Site - www.iqs-ndt.org