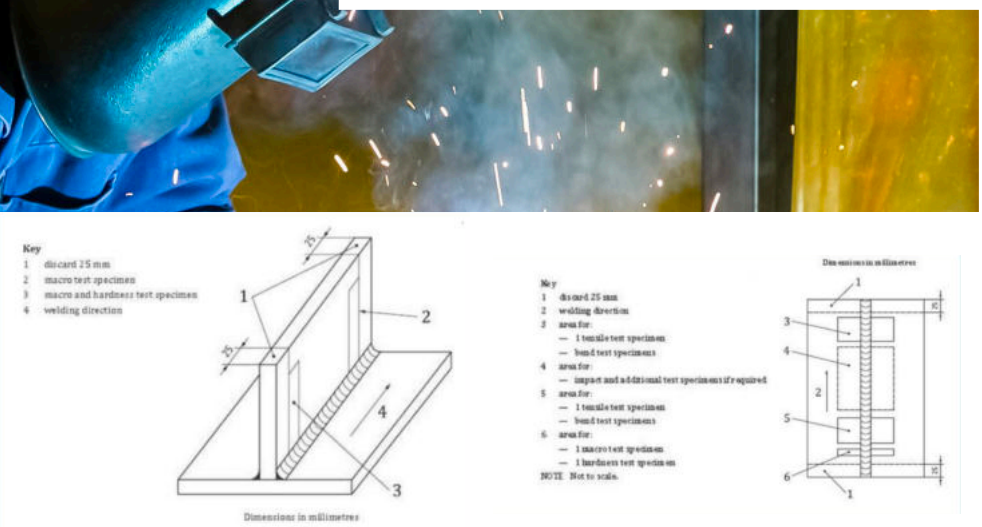
TCR ADVANCED

EVOLVE by TCR
Innovate your skillset, Empower the mind

Two-Day Training Programme on Welding Procedure Qualification as per EN/ISO 15614-1 & Welder Qualification as per EN/ISO 9606-1/ WPS-WPQR-WQT



12th & 13th December, 2025

Evolve by TCR
215, Pancham Icon,
Vasna Road, near D-Mart,
Vadodara, Gujarat 390007

Fees: INR 8,000/-
for single person +
GST 18% extra.

10% Discount on total amount of invoice for 03 or more nominations from the same organization.

Course Content

- Interpretation of Codes and Standards for Good Engineering Practice.
- Overview of ISO 3834 Certification Requirements.
- Roles and Responsibilities of Welding Coordination Personnel (WCP) as per EN ISO 14731.
- Preparation of Welding Procedure Specifications (WPS) as per EN ISO 15609-1.
- Welding Procedure Qualification Testing as per EN ISO 15614-1.
- Understanding the Range of Qualification in WPQR.
- Welder Qualification and Testing as per EN ISO 9606-1.
- Classification of Weld Imperfections as per ISO 6520.
- Weld Quality Levels and Acceptance Criteria as per ISO 5817.

Who Should Attend

- Welding Engineers and Metallurgists
- Welding Coordinators and Supervisors
- QA/QC Engineers and Inspectors
- Fabrication and Production Engineers
- Welding Quality Managers and ISO 3834 Auditors
- Technical Personnel from EPC Companies, OEMs, and Certified Fabricators
- Third-Party Inspection Agencies and Certification Bodies
- Educators, Trainers, and Consultants
- Postgraduate Students and Research Scholars

Objectives of the Training Programme:

- To develop a comprehensive understanding of international welding codes and standards
- To enable participants to accurately interpret code clauses
- To provide in-depth awareness of ISO 3834 certification requirements
- To clarify the functional responsibilities of Welding Coordination Personnel (WCP)
- To train participants in the preparation of technically sound Welding Procedure Specifications (WPS)
- To strengthen competence in conducting Welding Procedure Qualification Records (WPQR)
- To enhance knowledge of welder performance qualification and testing procedures
- To equip participants with the ability to identify and classify weld imperfections
- To impart the ability to apply ISO 5817 weld quality levels
- To bridge the gap between theoretical standard requirements and real-world fabrication practices

Meet The Faculty

Mr. M.N. Patel

- BE & ME in Metallurgy. Has 33 years of teaching experience in UG and PG level in subjects like Plastic Deformation of Metals, Mechanical Metallurgy, NDT and Failure Analysis, Mechanical behavior of materials, Selection of Materials and Failure Analysis, Physical Metallurgy and Welding Metallurgy.
- He holds expertise in physical metallurgy, micro structural analysis, scanning electron microscopy, welding metallurgy, failure analysis.

Subject Matter Expert (Another Faculty)

- He holds an M.E. in Metallurgical Engineering and a Ph.D. in Welding Technology, with over 15 years of expertise in welding consumable testing, selection for similar/dissimilar metals, and welding procedure qualification. He is proficient in advanced welding processes including SMAW, GTAW, GMAW, SAW, Pulse TIG, Plasma TIG, Activated TIG, and WAAM, and is a recognized expert in induction heating for pre- and post-weld heat treatment. With deep insight into welding metallurgy and heat-affected zone behaviour, he has trained professionals across industries on ASME Section VIII Div. 1, ASME IX, and EN/ISO 15614-1 & 9606-1 standards. His unique ability to connect metallurgical theory with practical applications makes him a highly respected trainer in welding technology and heat treatment practices.

Mr. Kamlesh Rana

- With a Diploma in Mechanical Engineering and an impressive 38 years of experience, this professional has built a solid career in the QA/QC departments of the fabrication, fitting, and forging manufacturing industries. Over the years, they have developed deep expertise in quality assurance protocols and inspection standards critical to heavy industrial manufacturing.
- Their technical proficiency includes strong command over ASME Code Specifications, particularly Sections IX, VIII, and II (A, B, C). They are a certified welding engineer under AWS, an API-qualified internal auditor, and hold ASNT Level 2 certifications in Radiographic Testing (RT), Ultrasonic Testing (UT), Penetrant Testing (PT), and Magnetic Particle Inspection (MPI), making them a highly skilled and versatile asset to any engineering or inspection team.

Subject Matter Expert (Another Faculty)

- He holds a Ph.D. in Metallurgical Engineering and is a certified International Welding Technologist (IWT), BS EN ISO 14731 Welding Coordinator, and BS EN ISO 3834 Auditor. With over 12 years of specialized experience in welding training, he brings deep technical knowledge in welding metallurgy—particularly of stainless steels and dissimilar metal combinations. He is highly proficient in international welding standards, including ASME Section VIII Div. 1, ASME IX, EN ISO 15614-1, ISO 9606-1, ISO 14732, and AWS D1.1. Known for his clarity in interpreting welding codes and qualification processes (WPS-PQR-WPQ), he has successfully trained engineers, inspectors, and coordinators across industries. His strong academic foundation and code-based expertise make him an authoritative trainer in welding metallurgy and compliance-driven welding practices.

For NFET/ RTGS/ Bank transfer:

Account No: 05730400000034
IFSC: BARB0INDMAK (5th letter is zero)
Bank: BOB, Makarpura Branch
Merchant Name: TCR ADVANCED ENGINEERING PVT LTD
UPI ID : tcrad93762@barodampay

QR code for payment

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