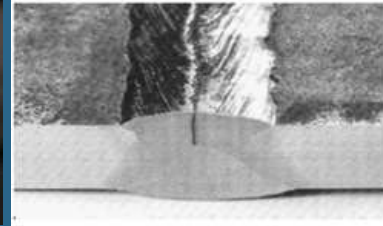


WELDABILITY OF STEEL, TESTING METHODS AND STANDARDS

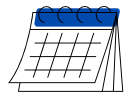


Evolve by TCR

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

Fees: INR 5,000/- for single person + GST 18% extra.

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



10th August
2024

Course Content

- Weldability Issues in CS/LAS Weld Metal & HAZ
- Cold Cracking & Hot Cracking
- How can I assess the weldability of a material?
- Varestreint Test
- Lehigh Restraint Test
- Implant Test
- Oblique Y-Groove Test
- Controlled Thermal Severity (CTS) Test
- Weldability Tests-Fabrication Weldability Test & In-service Weldability Test
- Latest simulation Test method to assess the weldability.

Who should attend

- Welding Professionals
- QA/QC personnel
- Welding aspirant
- Graduate/Post-graduate

Objective

This course provides a comprehensive understanding of steel weldability, focusing on metallurgical properties, thermal cycles, and their effects on weld quality. Participants will learn standard weld evaluation methods, including mechanical testing, non-destructive testing, and metallographic analysis. The course also covers international welding standards for ensuring the reliability and safety of welded structures. By the end, participants will have the skills to assess and improve weld quality in industrial applications.

About Faculties



Mr. M. N. Patel, Ex. Associate Professor Metallurgy & Materials Engg Dept.

Education: BE & ME in Metallurgy.

Experience: 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.

Expertise: In physical metallurgy, micro structural analysis, scanning electron microscopy, welding metallurgy, failure analysis.

Subject Matter Expert (Another Faculty)

Education: ME in Metallurgy Engineering, PhD in Welding Technology.

Experience: 15+ Years of experience in welding consumable testing, consumable selection for similar-dissimilar metals.

Expertise: Welding Processes, Metallurgy, expert in delivering professional training on welding codes ASME SEC VIII Div 1, ASME-IX, BS EN ISO Welding Qualifications WPS-PQR-WPQ.



Mr. Kamlesh Rana, Technical Manager, TCR Advanced

Education: Diploma in Mechanical Engineering.

Experience: 38 years of in QA /QC department of fabrication industry, fitting & Forging manufacturing.

Expertise: ASME Code Specification, specifically Sec IX. VIII, II A,B,C. AWS qualified welding Engg. API Qualified Internal Auditor. ASNT level 2 RT, UT, PT, MPI.

Subject Matter Expert (Another Faculty)

Education: PhD in Metallurgy Engineering, International Welding Technologist (IWT),

Experience: 12+ Years of experience in Welding Training.

Expertise: Welding Metallurgy of Stainless Steels, dissimilar metal welding, expert in delivering professional training on welding codes ASME SEC VIII Div 1, ASME-IX, BS EN ISO 15614-1, ISO 9606-1, ISO 14732, AWS D1.1, Welding Qualifications WPS-PQR-WPQ.



Payment Details

For NFET/ RTGS/ Bank transfer:

Account No: 05730400000034

IFSC: BARBOINDMAK (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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www.evolvecr.com