

WELDING METALLURGY OF CS/LAS-GOOD ENGINEERING PRACTICE FOR WELDING CS/LAS STEEL

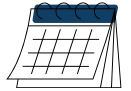


Evolve by TCR

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.**



**26th October
2024**

Course Content

- Factors affecting weldability - carbon equivalent & hardenability.
- Common welding challenges with CS/LAS.
- Preheat and post-weld heat treatment (PWHT) practices.
- Overview of suitable welding processes (SMAW, GMAW, GTAW, SAW).
- Selection of electrodes, filler metals, and fluxes.
- Defects and discontinuities in CS/LAS welds.
- Good engineering practices for welding CS/LAS - implementation of welding procedures and qualification tests
- Conclusion and Q&A.

Who should attend

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

Objective

- To gain a deep understanding of the metallurgical changes that occur during the welding of carbon steel and low-alloy steel, enabling them to predict and control the properties of the welded joint.
- By understanding the best practices in welding processes, consumable selection, and heat treatment, equip to produce higher-quality welds with fewer defects, ensuring greater structural integrity and reliability.

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



Contact Us

+91-75748 34848

evolve@tcradvanced.com

www.evolvecr.com