



*You see a welder. We see a nation builder.*

## **REFRESHER COURSE IN WELDING FOR DESIGNERS (For Design Engineers & Draftsmen)**

**Course Code:** RWD-I

**No. of Seats:** 15 per batch

**Duration:** 3 days

**Dates & Fees:** See Course Schedule

### **COURSE OBJECTIVE:**

This course will enable primarily the draftsmen & designers of steel structures and component parts to link theory & practice of weld design, to develop new concepts & concerns about the current welding practices in industry, indeed which will enable them to find an acceptable solution for Quality, Productivity & also the Cost reduction.

### **COURSE CONTENT**

#### **THEORY: 15 hrs**

- Primary Concepts of Designing the Weld-Joints, Type, Size, & Applications
- Symbology of Welding and its Applications
- Choice of Welding Process & Equipment – Restrictions & Returns
- Type & Relevance of Welding Consumables
- Acceptance conditions for weld discontinuities & defects
- Basics of NDT Examinations

#### **PRACTICAL: 4 hrs**

Practical session with various electrode types, joint types, techniques, weld processes.

#### **ELIGIBILITY:**

Design Engineers & Draftsmen.

#### **COURSE EVALUATION:**

Written objective test.

#### **OUTCOMES:**

Draftsmen & Designers will be capable of understanding the intricacies of Weld structure & joint design and convey the true specification down the line.