



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

## **REFRESHER COURSE IN WELDING FOR ENTREPRENEURS**

**Course Code:** RWE-I

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

**Duration:** 3 days

**Dates & Fees:** See Course Schedule

### **COURSE OBJECTIVE:**

Entrepreneurs for fabrication shop need to take informed decisions for wise investments. This course is for technocrats engaged in ancillaries of automotive earth moving & construction industry-fabricated part & sub assemblies, will give an overview of key elements that impact productivity, cost, quality & safety aspects of the business.

### **COURSE CONTENT**

#### **THEORY: 14 hrs**

- Choice of Welding Processes – Restrictions & Returns
- Selection of Gainful Welding Equipment & Aids
- Selection of Welding Consumable-care in storage & handling
- Primary concept of Weld-Joint Geometry & Estimation
- Practical Aspects of Welding-Metallurgy
- Welding Procedure & Performance Qualification
- Weld Discontinuities & Defects
- Basics of NDT Examinations
- Safety Precautions in Welding

#### **PRACTICAL: 5 hrs**

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

### **ELIGIBILITY:**

Owners and Production Heads of small & medium fabrication shops.

### **COURSE EVALUATION:**

Written objective test.

### **OUTCOMES:**

This course curriculum will enable participant to make informed qualitative decisions that will help sustain the competitiveness of their business.