

CAREER PATHWAY

WELDER



SKILLS TAUGHT IN ITI

- Handling industrial equipment and other related components
- Handling different types of AC / DC welding machines
- Gas welding , gas cutting , gas tungsten arc welding, gas metal arc welding, and pipe welding
- Finding welding defects and rectifying welding joints
- Welding tests on welding joints
- Following safety as per industry norms

SKILLS NEEDED BY COMPANY

- Select suitable metal and electrodes
- Ability to weld at all positions
- Job must be free from welding defects
- Follow the right welding procedures and avoid welding defects
- Wear safety apparatus and handle welding tools correctly
- Work safely

JOB OPPORTUNITIES AFTER ITI

- Government - Railways, Bharat Heavy Electricals limited (BHEL), Neyveli Lignite Corporation (NLC), Heavy Vehicles Factory (HVF), and steel factories
- Automobile sector in Ford,Hyundai, Renault, and Royal Enfield etc.
- Fabrication workshops
- Job opportunities in foreign countries in small scale Industries
- Entrepreneur
- Self-Employed

CAREER PATHS FOR THIS TRADE

ENTRY LEVEL

Workshop Assistant at ITIs, Welder Assistant in Industries

MID LEVEL

Instructors at ITIs, Skilled Welder

SENIOR LEVEL

Supervisor, Manager, Self-Employed, Entrepreneur

UPSKILLING OPPORTUNITIES

- Apprenticeship (NAC Certificate)
- Crafts Instructor Training Scheme (CITS) to become an instructor/trainer in ITIs
- Diploma courses in polytechnic colleges
- Advanced vocational courses on welding
- Special welding inspection training

