

WELDER

Welders are responsible for welding equipment and most commonly, machines. They also weld together framework made out of steel for buildings.

WHAT RESPONSIBILITIES WILL I HAVE?

- Assemble, install and repair equipment such as grain and feed handling, storage and drying equipment (including bucket elevators) boiler and boiler components, scrubbers, fans, pumps, conveyors, gear boxes and turbines
- Read and interpret layout plans, blueprints, or other drawings
- Maintenance and repair of equipment
- Complete steel construction, working high in the air, underwater or in shop setting
- Support company safety and continuous improvement programs
- Inspect, maintain, troubleshoot and repair equipment
- Utilize arc, oxygen/acetylene, MIG, TIG and plasma methods to safely perform welding and cutting functions
- Position and secure work piece, using hoist, crane, wire and banding machine, or hand tools
- Maintain records of maintenance activities including the use of a computerized maintenance management system



WHAT EDUCATION & TRAINING IS REQUIRED?

A high school diploma and a welding certification

THE FOLLOWING HIGH SCHOOL COURSES ARE RECOMMENDED...

Agricultural education, industrial technology, mathematics

TYPICAL EMPLOYERS

Farm equipment dealers and manufacturers, seed production companies, cooperatives, feed and grain companies, food production companies

FUTURE JOB MARKET/OUTLOOK



SUGGESTED PROFESSIONAL ORGANIZATIONS & ASSOCIATIONS

- American Welding Society
- United Association of Journeymen and Apprentices
- Welding Research Council

AVERAGE ANNUAL FULL-TIME SALARY

\$42,000