

Welders, Cutters, Solderers, & Brazers



Manufacturing

Also called: Fabricator, Welder, Welder-Fitter, Welder/Fabricator

What they do:

Use hand-welding or flame-cutting equipment to weld or join metal components or to fill holes, indentations, or seams of fabricated metal products.

On the job, you would:

- Weld components in flat, vertical, or overhead positions.
- Operate safety equipment and use safe work habits.
- Lay out, position, align, and secure parts and assemblies prior to assembly, using straightedges, combination squares, calipers, and rulers.

Knowledge

Manufactured or Agricultural Goods

- manufacture & distribution of products

Engineering & Technology

- design
- mechanical

Business

- management
- customer service

Math & Science

- arithmetic, algebra, geometry, calculus, or statistics

Skills

Basic Skills

- thinking about the pros and cons of different ways to solve a problem
- keeping track of how well people and/or groups are doing in order to make improvements

Problem Solving

- noticing a problem and figuring out the best way to solve it

Abilities

Hand and Finger Use

- keep your arm or hand steady
- hold or move items with your hands

Controlled Movement

- quickly change the controls of a machine, car, truck or boat
- use your arms and/or legs together while sitting, standing, or lying down

Personality

People interested in this work like activities that include **practical, hands-on problems and solutions.** They do well at jobs that need:

- Attention to Detail**
- Dependability**
- Adaptability/Flexibility**
- Independence**
- Innovation**
- Integrity**

Wages

\$ 17.64
Per Hour
36,692
Per Year

Technology

You might use software like this on the job:

Computer aided design CAD software

- EZ Pipe software

Analytical or scientific software

- Scientific Software Group Filter Drain FD

Database user interface and query software

- Recordkeeping software

Education



Postsecondary non-degree award

Job Outlook

153 Annual Openings

H³ High Wage, Skill, Demand Occupation