

Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders

51-4122.00



Description: Set up, operate, or tend welding, soldering, or brazing machines or robots that weld, braze, solder, or heat treat metal products, components, or assemblies. Includes workers who operate laser cutters or laser-beam machines.

Other Resources:

[ONET Link](#)
[MyNextMove Link](#)

Sample of Reported Job Titles: Braze Operator, Finishing Technician, Machine Operator

Job Zone

Title: 2 - Some Preparation Needed

Education: Usually require a high school diploma.

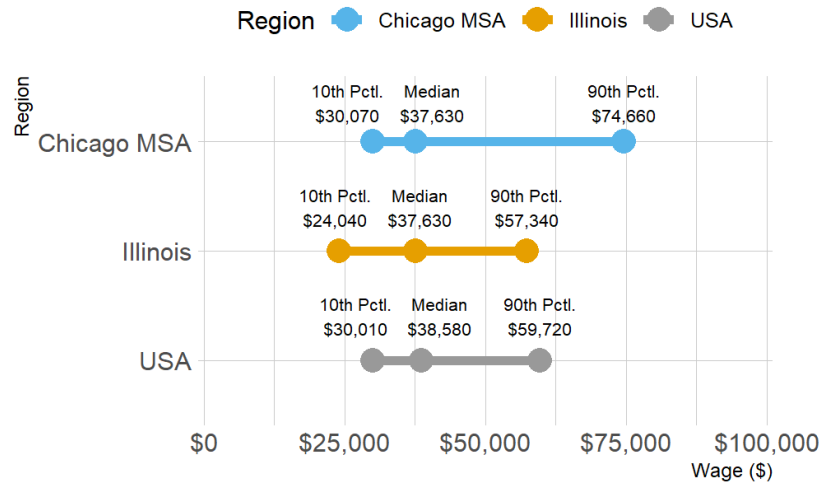
Experience: Some previous work-related skill, knowledge, or experience is needed.

Training: A few months to one year of working with experienced employees needed. A recognized apprenticeship program may be associated with these occupations.

Core Certifications: HVACR Brazing Processes, Certified Welding Inspector, Certified Welding Sales Representative

Hot Technologies: Enterprise resource planning ERP software, Linux, Microsoft Office Suite, SAP business and customer relations management software

Region	Employment	Location Quotient	Median Wage
Chicago MSA	210	0.23	\$37,630
Illinois	320	0.26	\$37,630
USA	29,980	—	\$38,580



Top 5 Core Tasks According to Current Job Holders	Frequency	Importance (out of 100)
Inspect, measure, or test completed metal workpieces to ensure conformance to specifications, using measuring and testing devices.	Daily	88
Read blueprints, work orders, or production schedules to determine product or job instructions or specifications.	Daily	86
Set up, operate, or tend welding machines that join or bond components to fabricate metal products or assemblies.	Daily	83
Assemble, align, and clamp workpieces into holding fixtures to bond, heat-treat, or solder fabricated metal components.	Daily	83
Lay out, fit, or connect parts to be bonded, calculating production measurements, as necessary.	Daily	82