

Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders (51-4122)

Occupation 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.

Employment and Job Openings

	Employment			Average annual openings		
	2016 estimate	2026 projection	Percent change	Labor force exits	Occupation transfers	Total
Alaska	n/a	n/a	n/a	n/a	n/a	n/a
United States	49,200	44,200	-10.2	1,200	3,700	4,400

Job outlook

Alaska: The job outlook for Alaska is not available.

2019 Wages ?

	Mean Wage	Wage by Percentile				
	Mean	10th	25th	Median	75th	90th
United States	19.35	12.93	15.16	18.42	22.84	27.60
Alaska	30.47	20.81	23.73	28.65	36.36	44.47

Labor Force Indicators

2016 Worker Characteristics

Total workers	Nonresident workers	Percent nonresident	Percent age 45 plus	Percent age 50 plus
29	13	44.8	57.9	52.6

2016 Potential Supply

Qualified but working in another occupation	4
Currently employed in a lower paid occupation	0
UI claimants previously working in occupation	6

2016 ALEXsys Employment Data

Number of registrants	109
Number of job position postings	4
Ratio of registrants to job position postings	27.2

Typical Entry-level Education, Experience, and/or On-the-job Training

Education: High school diploma or equivalent

Work experience: None

On-the-job training: Moderate-term on-the-job training

Training Resources

	Degree
Construction Technology	
	Degree
ABC of Alaska (Anchorage)	
Welding and Cutting	
	Degree
AVTEC (Seward)	
Combination Welding	Certificate
	Degree
Charter College, Anchorage (Anchorage)	
Welding	Certificate
	Degree
Iisagvik College (Barrow)	
Welding Materials Technology	Endorsement
	Degree
Northern Industrial Training (Palmer)	
Advanced Welding/W403	
Aluminum Welding Training/W413	
Aluminum Welding/W413	
Elite Combo/COMBO507	Cer/CDL
Fabrication Welding/W415	
Pipe Welding/W414	
Structural Welding Level One/W400	
Ultimate Welding Program/W404	
	Degree
Partners for Progress in Delta, Inc (Delta Junction)	
Welding & Materials Technology	
	Degree
Plumbers & Steamfitters Joint Apprenticeship Training Committee (Anchorage)	
Plumbers and Pipefitters Apprenticeship	

Degree	
Southwest Alaska Vocational and Education Center (Igiugig)	
Tank Farm Welding Certification	Certificate
Welding	Certificate
Degree	
University of Alaska Anchorage (Anchorage)	
Advanced Welding	OEC
Industrial Welding Technology	CT1
Welding Technology	AAS
Degree	
University of Alaska Anchorage, Kenai (Soldotna)	
Welding Technology	CT2
Degree	
University of Alaska Anchorage, Kodiak (Kodiak)	
Welding	CT1
Degree	
University of Alaska Fairbanks, CTC (Fairbanks)	
Entry Level Welder	OEC
Degree	
University of Alaska Southeast, Ketchikan (Ketchikan)	
Welding Technology	CT2
Welding Technology	OEC
Degree	
University of Alaska Southeast, Sitka (Sitka)	
Welding	OEC
Welding Technology	CT1
Welding Technology	OEC