

## Boilermakers 47-2011.00



**Description:** Construct, assemble, maintain, and repair stationary steam boilers and boiler house auxiliaries. Align structures or plate sections to assemble boiler frame tanks or vats, following blueprints.

### Other Resources:

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

**Sample of Reported Job Titles:** Boiler Maker, Boiler Mechanic, Boiler Repairman

### Job Zone

**Title:** 3 - Medium Preparation Needed

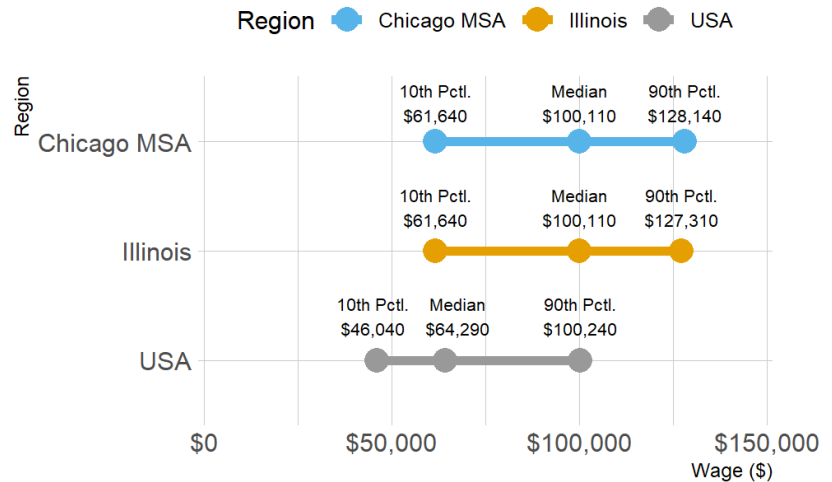
**Education:** Require training in vocational schools, related on-the-job experience, or an associate's degree.

**Experience:** Previous work-related skill, knowledge, or experience is required.

**Training:** One or two years of training involving both on-the-job experience and informal training with experienced workers needed. A recognized apprenticeship program may be associated with these occupations.

**Hot Technologies:** Autodesk AutoCAD, Computer aided design CAD software, Microsoft Office Suite, SAP business and customer relations management software

Region	Employment	Location Quotient	Median Wage
Chicago MSA	190	0.49	\$100,110
Illinois	220	0.43	\$100,110
USA	12,920	—	\$64,290



### Top 5 Core Tasks According to Current Job Holders

**Importance**  
**Frequency (out of 100)**

Attach rigging and signal crane or hoist operators to lift heavy frame and plate sections or other parts into place.

More than weekly

86

Study blueprints to determine locations, relationships, or dimensions of parts.

Daily

85

Repair or replace defective pressure vessel parts, such as safety valves or regulators, using torches, jacks, caulking hammers, power saws, threading dies, welding equipment, or metalworking machinery.

Daily

82

Locate and mark reference points for columns or plates on boiler foundations, following blueprints and using straightedges, squares, transits, or measuring instruments.

Daily

82

Bolt or arc weld pressure vessel structures and parts together, using wrenches or welding equipment.

Daily

80