

## Stationary Engineers and Boiler Operators

51-8021.00



**Description:** Operate or maintain stationary engines, boilers, or other mechanical equipment to provide utilities for buildings or industrial processes.

### Other Resources:

[ONET Link](#)

[MyNextMove Link](#)

**Sample of Reported Job Titles:** Boiler Operator, Boiler Technician, Building Engineer

### Job Zone

**Title:** 3 - Medium Preparation Needed

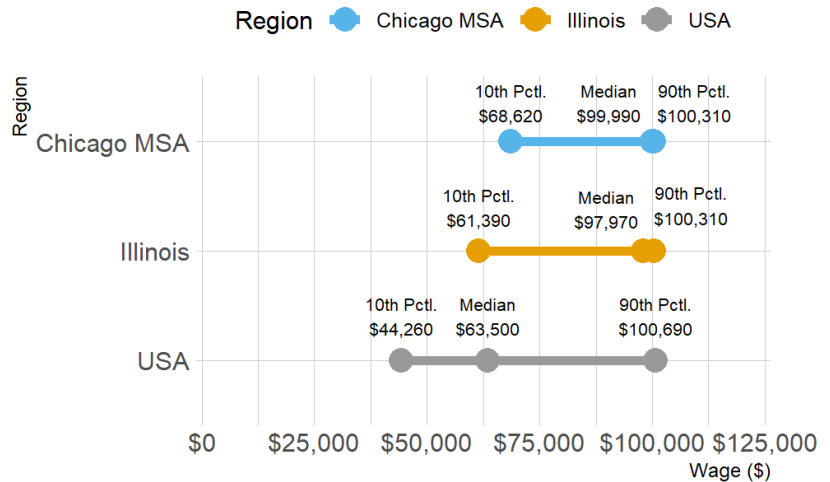
**Education:** Require training in vocational schools, related on-the-job experience, or an associate's degree.

**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:** Database software, Microsoft Active Server Pages ASP, Microsoft Office Suite, SAP business and customer relations management software

Region	Employment	Location Quotient	Median Wage
Chicago MSA	1,180	1.32	\$99,990
Illinois	1,710	1.43	\$97,970
USA	29,820	—	\$63,500



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

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

Activate valves to maintain required amounts of water in boilers, to adjust supplies of combustion air, and to control the flow of fuel into burners.

Daily

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Monitor and inspect equipment, computer terminals, switches, valves, gauges, alarms, safety devices, and meters to detect leaks or malfunctions and to ensure that equipment is operating efficiently and safely.

Hourly or more

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Monitor boiler water, chemical, and fuel levels, and make adjustments to maintain required levels.

Daily

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Observe and interpret readings on gauges, meters, and charts registering various aspects of boiler operation to ensure that boilers are operating properly.

Daily

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Test boiler water quality or arrange for testing and take necessary corrective action, such as adding chemicals to prevent corrosion and harmful deposits.

Daily

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