



## Jason Adams - 32

“ I used to love tinkering in my granddad’s workshop. He taught me how to change the oil in the lawn mower and let me help him fix his power tools. I knew hands-on work was for me, so I applied to be a boiler mechanic right out of high school. As part of an apprenticeship program, I learned to install, repair, and maintain factory equipment and other machines. Every week, I get on-the-job training. ”

### Occupation:

Boiler Mechanic

### Salary:

\$61,549

### Education:

High School Diploma  
or Equivalent

### Job Description:

**Stationary Engineers and Boiler Operators** operate or maintain stationary engines, boilers, or other mechanical equipment to provide utilities for buildings or industrial processes. Operate equipment such as steam engines, generators, motors, turbines, and steam boilers.\*



\*Source: This information is based on O\*NET™ data. O\*NET is a trademark registered to the U.S. Department of Labor, Employment and Training Administration.

## Job Description:

SOC Code: 51-8021

## Top Job Skills:

- Repair maintenance
- Test boiler water quality or arrange for testing
- Corrective maintenance
- Interpreting electrical schematics
- Maintains equipment

## General Work Activities:

- Mental Processes
  - Troubleshoot equipment or systems operation problems
- Interacting With Others
  - Direct operational or production activities
- Information Input
  - Monitor equipment operation to ensure proper functioning
  - Test chemical or physical characteristics of materials or products
  - Watch operating equipment to detect malfunctions
- Work Output
  - Operate energy production equipment
  - Operate pumping systems or equipment
  - Adjust equipment controls to regulate flow of water, cleaning solutions, or other liquids
  - Adjust equipment controls to regulate gas flow
  - Repair production equipment or tools

Source: SC Works Online Services (SCWOS)

## LEARN MORE WITH SCWOS:

**SC Works Online Services (SCWOS)** is the state's largest job database and provides all of South Carolina's job postings from all major sites, including Monster and Career Builder, in one resource. SCWOS has thousands of positions listed by employers all over the state. To access SCWOS, visit [jobs.scworks.org](https://jobs.scworks.org).

Find in-depth breakdowns of occupational statistics such as necessary job certifications, job skills and abilities, current job openings, overview of general work activities, and more by visiting [O\\*NET.org](https://www.onet.org).

## JOB STATISTICS:



### Typical Wage Range

\$39,570 - \$69,030



### Projected Growth

18/yr Job Openings



### Employed In-State

320



### Required Education

High School Diploma or Equivalent



### Work Experience

Typically Requires None



### On-the-Job Training

Long-Term On-the-job Training

\*Source: Occupational Employment and Wage Statistics (OEWS) and the U.S. Bureau of Labor Statistics.

## EXAMPLES OF WORKFORCE AREAS WITH JOB OPENINGS:

Source: SC Works Online Services. Ask an SC Works representative for more information about postings in your area.

- Lowcountry
- Trident
- Catawba
- Midlands

## EXAMPLES OF EMPLOYERS WITH JOB OPENINGS:

Source: SC Works Online Services. Ask an SC Works representative for more information about postings in your area.

- Winthrop University
- ASRC Federal Holding Company
- Department of the Navy
- Jones Lang LaSalle IP, Inc.
- Department of Defense

## RELATED OCCUPATIONS\*:

- Biomass Plant Technicians
- Gas Compressor and Gas Pumping Station Operators
- Control and Valve Installers and Repairers, Except Mechanical Door
- Hydroelectric Plant Technicians

NOTE: All data based on state averages. Information may vary depending on region, experience, and specific employment situation. Last Updated: 2025.