



BOILER SALES. SERVICE & PARTS SINCE 1939

**Position:** Service Technician – Boiler  
**Reports To:** Service Manager

### Job Description

A Boiler Service Technician is required to troubleshoot industrial and commercial boilers and associated burner/control systems as well as all ancillary equipment. Illingworth Engineering Co. represents product lines such as Cleaver Brooks, Aerco, Parker Boiler, and others.

### Essential Functions:

Reasonable accommodations may be made to enable individuals with disability to perform the essential functions.

- Have 4 – 7 years of experience in troubleshooting and servicing boilers from light commercial to industrial watertube and firetube applications.
- Hands on ability for combustion set up and analysis as well as troubleshooting skills to determine and adjust a full range of burners from .5 to 30 Million BTU/HR input.
- Experience with Low Emission burners and related equipment is a plus but not a requirement.
- Must have good communication skills and the ability to work in a team atmosphere.
- Accountable for the completion of internal and external inspections of boilers, burners, and associated controls that determine function ability and expected service life.
- Repair and/or replace refractory, gaskets, parts, and miscellaneous controls.
- Perform hydrostatic testing of boilers, troubleshooting and repair of industrial burners.
- Evaluate basic boiler room systems (steam and hydronic), gather information and help solve problems.
- Understanding of all types of hot water and steam boiler support equipment to include deaerators, feed systems, blow down systems, economizers and waste heat recovery equipment. Experience with low emission burners and related equipment is a plus.
- Instrument calibration experience and education with hands on experience is a plus. Meters, loop controllers, transmitters and thermocouples are everyday instruments in use with this equipment, ideal candidate will possess knowledge in troubleshooting, installing and calibrating these types of instruments and controls utilizing the latest in calibration instruments.

### Requirements:

- Physical Requirements
  - Be able to bend, kneel, stand, squat and climb frequently.
  - Must have the ability to lift 50 pounds, carry 50 pounds, roll out tubing and push/pull heavy materials w/ mobile equipment.
  - Must be able to work in confined space/areas.
  - Must pass a physical (fit test), hearing and eye exam
- A valid driver's license is required with a clean record. Must be insurable with no major infractions. Job will require some travel. Applicants must pass pre-employment background and an initial and subsequent random drug screening tests.
- Must be self-motivated individual who works independently, as well as in a team atmosphere. Good customer service skills are mandatory.
- Must be professionally presentable, must have good customer skills and strong communication skills, must be able to operate independently and communicate efficiently and effectively with both the customer and management.
- Must be detail oriented in completing work orders, all required forms, summaries, and checklist daily or as required in procedures manual.
- Must have strong language skills as well as industry specific vocabulary.
- Basic mathematics, algebra, and formula knowledge are required.



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- Must have very strong reasoning and problem solving skills.

**Competencies:**

1. Problem Solving/Analysis Skills
2. Reasoning Skills
3. Project Management
4. Safety Focus
5. Critical Thinking/Evaluation Skills
6. Communication Proficiency
7. Ethical Conduct
8. Time Management
9. Personal Effectiveness/Credibility
10. Flexibility
11. Timeliness

**Supervisory Responsibility**

This position has no direct supervisory responsibilities.

**Work Environment**

This job operates in internal and external environments which may include inclement weather conditions. Environment will include working with hot steam, liquids, tight spaces and other conditions depending on customer site(s).

**Physical Demands**

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job.

While performing the duties of this job, the employee is regularly required to talk, hear, listen, bend, squat, walk, lift, pull, push, crawl, climb stairs, and drive various equipment.

**Position Type/Expected Hours of Work**

This is a full-time position. Days and hours of work are Monday through Friday, 8:00 am to 5:00 pm. This position regularly requires long hours and travel work as job duties demand.

**Travel**

Travel is required for this position to customer sites with out-of-area and possible overnight travel expected.

**Required Education**

- Completed High school diploma or equivalent.
- Two years of technical school, community college or trade school.
- Computer knowledge a plus.

**Other Duties**

Please note this job description is not a comprehensive listing of activities, duties or responsibilities that are required of the employee for this job. Duties, responsibilities and activities may change at any time with or without notice.