



School District of Philadelphia

Title: SteamFitter/Ironworker A

Department: Facilities Management & Services

Reports To: Administrative Superior

The School District of Philadelphia is the cornerstone provider of public education in Philadelphia. For forward-thinking administrators and educators, opportunities abound. Over 131,000 students entrusted to the District arrive at school every day with an extraordinary range of needs and aspirations. We are committed to delivering on their right to an excellent public school education, and we are particularly focused on ensuring every student has access to exceptional educational opportunities. Equity is our mandate. Will you join us?

Job Summary

This is journeyman level steam fitting and ironwork. Employees in this class install, maintain and repair heating and ventilating systems and equipment as well as fabricate, erect and repair articles made from iron and sheet metal. Employees in this class also install, maintain and repair radiators, steam lines, fittings, bent and straight tubes in heater tube boilers, and internal feed lines in boiler drums as well as cut, thread and weld pipes and materials for repair.

Essential Functions

- Installs, maintains and repairs School District heating and ventilating systems.
- Works from blueprints in the installation, repair and/or replacement of radiators, steam lines, fittings, bent and straight tubes in heater tube boilers, steam drums, mud drums, sections of cast iron sectional boilers, and internal feed lines in boiler drums.
- Disassembles and repairs built-in, recessed, or convactor type radiators.
- Prepares materials for steam fitting jobs by cutting, threading and welding pipes and other materials.
- Handles boiler emergencies in School District facilities.
- Repairs metal doors and frames only when welding or burning are required.
- Performs work including straightening iron fencing, securing and replacing fences as needed, and welding iron post braces and intermediate bars.
- Performs all types of sheet metal work including the design, layout, fabrication or installation of cyclone fences, gates, iron duct plates, iron landing steps, elevator floors, iron grading, exterior hand rails, and air in-take doors.
- Repairs existing duct lines, floor ventilators, exhaust lines, air washer pans, aluminum windows, and stainless steel kitchen equipment.
- Maintains safety standards.
- Oversees the work of Steamfitter/Ironworker "B" and trainees in the trade.
- May estimate, order and transport materials and equipment to complete work order(s) at an assigned location.

Minimum Requirements

- High School diploma or equivalent.
- One year of full-time, paid, journeyman level experience in the appropriate trade.

Knowledge, Skills and Abilities

• **Demonstrated knowledge of:**

- the standard practices, methods and materials of the trades.
- the uses of the tools of the trades.
- the occupational hazards and safety precautions of the trade.
- the care and use of the tools, materials, equipment and power machinery utilized in the trades.

• **Demonstrated ability to:**

- to interpret and work from blueprints, sketches, drawings, and specifications.
- keep records and prepare reports of completed work assignments.
- accurately follow oral and written instructions.
- establish and maintain effective working relationships

Disclaimer

The above statements are intended to describe the general nature and level of work being performed by people assigned to this classification. They are not to be construed as an exhaustive list of all responsibilities, duties, and skills required of personnel so classified.

Certificates/Licenses

Possession of a proper class license valid to operate a motor vehicle in the Commonwealth of Pennsylvania prior to appointment and during tenure of appointment.

Talent Use Only	
Title Code	7059
Salary Grade	2422
Bargaining Unit	Local 1201
Date of Establishment	9/99
Date of Spec Revision & Title Change	6/05
Date of New Format	5/15
Analyst	CCM