



## PIPEFITTER – CONTROLS SPECIALIST

Job Code: 128ABE  
Bargaining Unit: 25  
Effective Date: 12/5/1981

### Description of Work

#### General Statement of Duties

Performs skilled trade work in the installation, service and maintenance of all heating and cooling pneumatic/electric control systems and component parts; performs regular pipefitter duties in the repair, maintenance, modification and installation of steam piping, cooling circulation systems and steam and hot water heating systems and component units; and performs related duties as required.

#### Supervision Received

Works under the general supervision of a lead worker or unit supervisor.

#### Supervision Exercised

May exercise close technical supervision directly over apprentices or helpers.

### Typical Duties Performed

The listed examples may not include all duties performed by all positions in this class.

Installs, services and maintains all heating and cooling pneumatic/electric control systems and their component parts.

Fabricates, assembles, erects, installs dismantles, repairs, reconditions, adjusts, alters and services heating and cooling pneumatic/electric control systems and related equipment.

Provides preventative maintenance services to heating and cooling controls and control systems.

Repairs, maintains, modifies and installs steam and hot water heating systems and cooling circulation systems.

Repairs and repacks valves; inspects and repairs pressure, temperature and water level gauges.

Installs, maintains and repairs pipe covering.

Cuts, taps and threads pipe; welds, solders and sweats pipe.

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### **Typical Duties Performed (continued)**

Estimates work needs and draws supplies from stock; requisitions replacement supplies and notifies supervisor.

Cleans work areas, tools and equipment.

### **Knowledge, Skills and Abilities**

Considerable knowledge of the standard tools, materials, methods and safe work practices of the pipefitting trade.

Some knowledge of building constructions methods.

Considerable skill in installing, servicing and maintaining pneumatic/electrical control systems.

Considerable skill in repairing, monitoring and installing steam and hot water heating systems and cooling circulation systems.

Working ability to understand and follow drawings, blueprints and oral instructions.

### **Minimum Qualifications**

Possession of a certificate evidencing the completion of training as an apprentice pipefitter, or four years of experience as a journeyman pipefitter. Training or experience must include two years of pneumatic control work. Must possess a Certificate of Competency issued by the City of Saint Paul.