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## FACILITIES SUBSECTOR COLLECTIVE AGREEMENT BENCHMARK

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**Job Family:** Trades

**Class Series:** Steam Fitter/Pipe Fitter

**Grid:** MA29

**Class Title:** Fitter/Gas Fitter B (Cross Connection)

### **I. Level Definition**

Positions at this level perform steamfitting/pipefitting work at the journeyman level in the installation, construction, alteration, troubleshooting, maintenance repair and/or service of heating and piping equipment and systems; install, test, maintain and repair natural gas lines, appliances, equipment and accessories; and inspect and test cross connection and backflow prevention systems in compliance with applicable codes and regulations.

### **II. Typical Duties**

- (1) Reviews work requests and consults with user departments regarding specifications and other project requirements; interprets blueprints, drawings and specifications to determine the required materials and equipment; calculates materials and labour in estimating the cost of projects and makes recommendations as required.
- (2) Prepares for work projects by performing operational and safety risk assessments, arranges work schedules with user departments and assembles supplies, tools and equipment.
- (3) Installs and repairs heating and piping systems including components such as heat exchangers, coils, traps, valves and strainers.
- (4) Fabricates components, parts and pipe assemblies by measuring, cutting, threading and bending to the required sizes and shapes; joins pipes by threading, soldering, brazing, cementing and/or welding; tests systems for leaks and pressure levels.
- (5) Installs, tests, maintains and repairs natural gas lines, appliances, equipment and accessories in accordance with the British Columbia Gas Safety Code.
- (6) Inspects and tests a variety of cross connection control devices such as reduced pressure backflow assemblies, double check valve assemblies, and pressure vacuum breaker assemblies using equipment such as water columns, and differential pressure gauges.
- (7) Assigns work tasks to designated staff and provides related training and orientation.
- (8) Maintains an inventory of supplies, equipment and tools; completes related reports and records; recommends purchase of related supplies and equipment.
- (9) Performs other related duties as assigned.

### **III. Qualifications**

#### **(1) Education, Training and Experience**

Certificate of Apprenticeship or Trades Qualification Certificate as a journeyman Steamfitter/Pipefitter; Class B level Gas Fitter's license with an electrical endorsement recognized by the Province of B.C. and Valid Certificate of Competency as a Cross Connection Control Specialist issued by the American Water Works Association, British Columbia Section. Two years' recent, related experience or an equivalent combination of education, training and experience.

#### **(2) Skills and Abilities**

- (i) Ability to communicate effectively both verbally and in writing.
- (ii) Ability to deal with others effectively.
- (iii) Physical ability to carry out the duties of the position.
- (iv) Ability to read and interpret blueprints, drawings and specifications.
- (v) Ability to organize work.
- (vi) Ability to operate related equipment.