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## FACILITIES SUBSECTOR COLLECTIVE AGREEMENT BENCHMARK

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**Job Family:** Trades

**Class Series:** Plumber

**Grid:** MA29

**Class Title:** Plumber/Gas Fitter B/Cross Connection

### **I. Level Definition**

Positions at this level perform skilled plumbing work at the journeyman level in the installation, construction, alteration, troubleshooting, maintenance, repair, and/or service of plumbing 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 pipe and plumbing systems by methods such as bolting, soldering gluing, grooving, caulking, and brazing.
- (4) Repairs and/or replaces items such as pipes, valves and fixtures by methods such as cutting, bending, threading and assembling.
- (5) Carries out the plumbing preventative maintenance program by inspecting piping systems and other plumbing fixtures for repair and maintenance needs and for conformance to applicable codes and regulations. Performs diagnostic correction and repair utilizing recognized methods.
- (6) Installs, tests, maintains and repairs natural gas lines, appliances, equipment and accessories in accordance with the British Columbia Gas Safety Code.
- (7) 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 gauges.
- (8) Assigns work tasks to designated staff and provides related training and orientation.
- (9) Maintains an inventory of supplies, equipment and tools; completes related reports and records; recommends purchase of related equipment and supplies.
- (10) Performs other related duties as assigned.

### **III. Qualifications**

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

Certificate of Apprenticeship or Trades Qualification Certificate as a journeyman Plumber, Class B level Gas Fitter's License with an electrical endorsement recognized by the Province of BC. 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.