



Provincial Job Description

TITLE:
(142) Steamfitter & Pipefitter

PAY BAND:
16

FOR FACILITY USE:

SUMMARY OF DUTIES:

Installs, maintains and repairs low/high pressure piping systems and their components.

QUALIFICATIONS:

- ◆ **Journeyman Steamfitter/Pipefitter certificate**
 - ◆ **General gas certificate**

KNOWLEDGE, SKILLS & ABILITIES:

- ◆ **Basic computer skills**
- ◆ **Ability to work independently**
- ◆ **Communication, organizational and interpersonal skills**
- ◆ **Valid drivers license**

EXPERIENCE:

- ◆ **Previous: Twelve (12) months post-ticket experience in an industrial/institutional/commercial maintenance environment.**

KEY ACTIVITIES:

A. Installation

- ◆ **Installs new mechanical equipment (e.g., pumps, compressors, air dryers, converters, heat exchangers, relief valves, pressure-reducing valves, condensate tanks, recirculation pumps, booster pumps, pneumatic controls, coils, isolation valves, 3-way valves, condensate traps).**
- ◆ **Installs low, medium, and high pressure steam systems, hydronic heating systems, cooling systems and associated controls.**
- ◆ **Fabricates and welds piping/equipment supports, brackets, guides.**
- ◆ **Fits up and prepares piping requiring welded joints.**
- ◆ **Liaises and collaborates with other trades, consultants and suppliers.**
- ◆ **Inspects new construction/renovation projects.**

B. Repair

- ◆ **Repairs plumbing systems, hydronic heating systems, humidifiers, kitchen equipment, equipment controls, equipment fillers and strainers, natural gas appliances, steam stations and steam operated equipment, including controls.**
- ◆ **Assists in the repair of ventilation equipment (e.g., exhaust fans, air handlers, mixing boxes).**
- ◆ **Repairs reverse osmosis water processing, medical gas systems, specialty piping (e.g., lab and home dialysis).**

C. Preventative Maintenance

- ◆ **Participates in preventative maintenance program.**
- ◆ **Performs filter changes on hydronic heating systems, control air, air-handling units.**
- ◆ **Lubricates mechanical equipment (e.g., pumps, compressors and various equipment bearings).**
- ◆ **Assists HVAC personnel with service of HVAC systems.**
- ◆ **Aligns pump motor to pump shaft.**
- ◆ **Cleans condensate traps and equipment strainers.**
- ◆ **Checks fluid levels, temperature and pressure within heating/cooling systems.**
- ◆ **Adjusts steam station pressure-reducing valves.**
- ◆ **Maintains correct glycol concentration in freeze protected heating systems.**
- ◆ **Provides occasional guidance to the primary function of others, including training.**

The above statements reflect the general details considered necessary to describe the principal functions of the job and shall not be construed as a detailed description of all related work assignments that may be inherent to the job.

Any revisions of this document recommended by the Joint Job Evaluation Maintenance Committee must be approved by the Parties.

Validating Signatures:

CUPE:

SEIU:

SGEU:

SAHO:

Date: 2005

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