

## Greater Vancouver Regional District

**Position Description: Steamfitter/Pipefitter Apprentice (G615A)**

**October 31, 2012**

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**Purpose:** To work under the direction of a qualified tradesperson to learn the trade of Steamfitter/Pipefitter. The successful candidate will be required to attend trade school and pass technical examinations to fulfill the four year apprenticeship program.

**Duties:** *(The duties described hereunder are to be representative of the position and are not to be considered as all-inclusive.)*

Under the supervision of a Maintenance supervisor and working under the direction of a qualified Pipefitter, performs a variety of steamfitting/pipefitting jobs, installations and/or alterations to new and existing piping systems, and valving at treatment plants, pump stations, disinfection sites and various facilities throughout the region.

Assists with and performs installations, alterations, or repairs to steam and hot water boilers and systems for generation and conveyance of steam and hot water and process piping systems.

Assists with and performs the measurement, cutting, threading and installation of steel, stainless steel, cast iron, PVC and other types of pipes and conduits, tests and commissions same on completion of work.

Assists with and performs the replacement, repair, and overhaul of valves in the process including gas conveyance systems.

Assists with and performs the troubleshooting of new and existing piping systems.

Assists other trades with the installation, fabrication and repairs of piping systems.

Reads engineering drawings, plans and blueprints and assists in ensuring the addition of alterations to piping and other systems are recorded on drawings and catalogued.

Performs rigging as required.

Uses a wide variety of hand tools and ensures equipment and tools are in good condition.

Works in compliance with all Metro Vancouver safety policies, procedures, and WorkSafe BC regulations.

### **Requirements:**

Grade 12 graduation, including successful completion of grade 12 level mathematics, or equivalent training and experience.

Mechanical aptitude, interest, and skills with course work in related areas.

**Requirements Cont'd:**

Ability to comprehend complex operations and theories, requiring analytical skills.

Knowledge of the safe operation and care of hand and power tools.

Must be computer literate and able to use applications such as Microsoft Word and Excel.

Ability to communicate effectively verbally and in writing.

Ability to demonstrate safety awareness.

Ability to work at various Metro Vancouver locations as required.

Previous work experience requiring the use of tools and equipment related to the Steamfitter/Pipefitter trade is an asset.

Must have own set of reliable hand tools available for use.

Must be able to obtain a "Health Certificate" for Watershed entry.

Ability to work in confined spaces and meet CSE requirements.

Valid Class 5 BC driver's license.

**NOTE 1:**

Upon successful completion, graduation, and certification as a trades qualified Steamfitter/Pipefitter, the incumbent will be reclassified to Pipefitter (O&M).