

Greater Vancouver Regional District

Position Description: MILLWRIGHT – APPRENTICE (G524A) Dec. 2003

Purpose: To work under the direction of qualified tradespersons to learn the trade of Millwright – Industrial Mechanic. Successful candidate will be required to attend trade school as part of the four year apprentice program.

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

Assists in the repair and maintenance of a wide variety of machinery and equipment.

Assists with layout and construction of machinery foundations.

Assists and performs work on pumps, centrifuges, conveyors, industrial co-generation engines, process pipes and associated valves.

Assists in repair and overhaul of hydraulic and pneumatic equipment.

Performs a variety of tasks including leveling and aligning pulleys, shafts, belts and rotating equipment to specified tolerances.

Overhauls and/or maintains diesel/gas and electric generating units, high pressure gas & air compressors.

Operates and assists in maintenance of a variety of equipment including air blowers, grinders, gear reducers, heat exchangers, gates, overhead cranes, turbines, piping, valves, HVAC systems etc.

Assists with developing documentation for work-related procedures as well as planning, parts procurement, computer assisted documentation

Performs Rigging as required.

Reads Blueprints.

Lubricates and cleans machinery and equipment.

Performs oxy-acetylene cutting and welding.

Operates Machine Shop equipment such as milling machines, metal lathe, and radial arm drill press.

Uses a wide variety of hand tools.

Works in compliance with all District safety policies, procedures and WCB regulations.

Cont'd

Position Description: MILLWRIGHT – APPRENTICE (G524A) Dec. 2003

Requirements:

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

Previous work experience requiring the use of tools for assembly or repair.

Mechanical interest and skills with course work in related areas.

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 Word and Excel.

Ability to communicate effectively verbally and in writing.

Ability to demonstrate safety awareness.

Ability to work at various GVRD locations as required.

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

Valid B.C. driver's license.

Note 1: Applicants' eligibility for candidacy will be dependent on passing a first year competency test at an approved post secondary institution. Exam scores will provide the basis for position award. Those who are awarded a position will then write a provincial placement test to assess Apprenticeship Year (1, 2 or 3).

Note 2: Upon successful completion and graduation as a trades qualified Millwright, the incumbent will be reclassified to a Maintenance Mechanic.