

## Metro Vancouver (GVRD)

### Position Description: Garage Mechanic – Apprentice (G561A)

August 2007

---

**Purpose:** To work under the direction of qualified tradespersons to learn the trade of Heavy Duty Mechanic. The 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.)*

Under the supervision of a Mechanic supervisor and working under the direction of a qualified Heavy Duty Mechanic, assists in the maintenance, repair and overhaul of vehicles, machinery and equipment such as, all types of road vehicles, fire trucks, wildland fire suppression vehicles, fire initial attack vehicles, emergency transport vehicles, diesel/gas engines, trailers, commercial trucks, road maintenance equipment, construction equipment, pumps, generator sets, small engine equipment, off road vehicles, marine equipment, transmissions, turbo chargers, positive displacement blowers, air brakes, vehicle mounted cranes, etc.

Assists in the servicing and maintenance of all internal combustion engines and helps keep engine maintenance records.

Under the direction of a licensed Heavy Duty Mechanic, investigates, troubleshoots, and takes remedial action on problems reported by operators.

Assists licensed Heavy Duty Mechanics with and learns to use up to date automotive and heavy duty diagnostic equipment.

Assists licensed Heavy Duty Mechanics in assessing vehicle collision damage and learns recommended corrective actions.

Assists licensed Heavy Duty Mechanics in maintaining records of completed jobs.

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

Assists with installation and alignment of machinery and equipment to specified tolerances.

Assists with inventory of materials and parts as required for various types of repairs.

Assists with rigging as required.

Lubricates and cleans machinery and equipment.

Uses a wide variety of hand tools.

Work in compliance with all GVRD safety policies, procedures and WCB regulations.

**Requirements:**

Grade 12 graduation including English 12 or Technical and Professional Communication 12 or Communications 12, any Mathematics 11 and Science 11; or Heavy Duty Mechanic ELTT (entry level trades training) certificate.

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:** Upon successful completion and graduation as a trades qualified Heavy Duty Mechanic, the incumbent will be reclassified to Garage Mechanic.