

**TITLE:** HVAC/R/ELECTRICAL TECHNOLOGIST  
**SECTION:** Facilities Department (Maintenance)  
**REPORTS TO:** Maintenance Supervisor

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## **SUMMARY**

Under the direction of Maintenance Supervisor or designate, responds to the repair and maintenance needs of the heating, ventilation, air conditioning, and refrigeration systems, control systems and electrical systems throughout the district.

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## **DUTIES**

1. Repairs, installs, alters and maintains computerized energy management systems and related control equipment.
  2. Repairs, installs and maintains computerized security and lighting equipment and automated door systems, electrical heating, ventilation, air conditioning, refrigeration systems and the power and control aspects of the same.
  3. Repairs, installs, alters and maintains electronic and pneumatic control systems.
  4. Installs, alters and maintains motors, motorized equipment, pumps and associated controls, appliances and other electrical equipment.
  5. Commissions and troubleshoots DDC systems in all new/renovated schools.
  6. Reads and interprets drawings and specifications, orders materials and supplies, lays out projects.
  7. Directs, assists and liaises with employees, contractors, regulatory agencies and other trades, as required.
  8. May, on occasion, be required to perform other related duties as assigned.
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## **QUALIFICATIONS**

- High school graduation or the equivalent.
- Completion of an apprenticeship program and a valid BC or Interprovincial Trade Certification as an Electrician and Industrial Instrument Mechanic; or certification as a Heating and Ventilation Technician from an accredited institute.
- Eligible for membership in the Applied Science Technologists and Technicians Association of BC.
- Two years related experience at the journeyman level.
- Current knowledge of commercial heating, ventilation and computer controlled energy management systems.
- Physical capability to perform the job duties.
- Competent in the use and care of tools and equipment common to the trade.
- Ability to work with minimal supervision.
- Valid BC Class 5 Driver's License.
- Valid BC Refrigeration Trade Certificate

- Valid Interprovincial Refrigerant Management Certificate

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*1995.07.18 / 07.07.98/2010.06.30*

*School District 68 (Nanaimo-Ladysmith)*