

G.V.R.D.

TITLE: Senior Control System Operator - Water

POSITION DESCRIPTION:

NO: 449

DATE: April 3, 1992

PURPOSE OF POSITION:

Under general supervision of the Superintendent-Water, monitors and controls pressures and flows in water supply system to ensure flow and appropriate pressures throughout GVRD distribution system.

Also monitors alarm system for same and also for sewer system.

Carries out all duties of a Control System Operator and in addition provides supervision of subordinate control room operators to ensure that the required standards of water system performance are consistently met and that all control tasks are carried out effectively and reliably.

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

Operates electronic and pneumatic control system used for maintaining and controlling proper water pressure and flow and reservoir levels by means of monitoring control computer displays, various gauges, level indicators, alarm systems and similar mechanisms and makes necessary adjustments to system as required in order to ensure operation within established limits.

Monitors alarm system for sewage treatment plants and other facilities when unmanned and calls standby Operator to answer alarms.

Deals with a variety of public enquiries and complaints; records necessary information and informs Department Supervisor or Foreman if urgent.

Notifies the Superintendent of all emergencies.

Maintains logs, files and similar records related to the work.

Operates radio control centre and handles emergency radio and telephone calls.

Changes charts as required.

Troubleshoots and reports malfunctions.

Trains new operators.

Maintains housekeeping in area.

Keeps up-to-date on changes to system and equipment used.

Recommends ways of improving control system operation.

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DUTIES (continued):

Prepares and maintains standard control computer screen displays for use by operators and evaluates suitability of displays prepared by other operators for inclusion in standard screen display list.

Prepares staffing schedules for control room operators.

Ensures that control room operators carry out tasks necessary to maintain the integrity of records of water system operating information.

Carries out procedures required to provide long-term storage of water system operating information and to restore such information as necessary following control and data acquisition equipment failure.

Ensures that the water control system is operated to make the most efficient use of system facilities in accordance with instructions from supervisor.

REQUIREMENTS: (Minimum to fill position)

Requires Grade 12, plus a minimum of 4 years experience in Operator III position.

Requires satisfactory completion of established qualifying tests.

Requires complete and thorough knowledge of the water supply system being controlled, plus a good understanding of hydraulics involved.

Health certificate for watershed entry. Ability to adapt to shift work. Must be able to distinguish colours clearly. Valid driver's licence.

Ability to learn specific procedures required to operate computerized supervisory control and data acquisition equipment in order to carry out assigned duties.