

B. C. HOUSING MANAGEMENT COMMISSION

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OB DESCRIPTION

Location: Lower Mainland **Reference No:** Revised May 2017

Date: **Job Title:** Shift Engineer

PRIMARY FUNCTION:

To operate and maintain a central heating plant and related equipment and monitor heating and air conditioning systems for various buildings.

JOB DUTIES AND TASKS:

1. Operates and maintains a heating plant safely and efficiently:
 - (a) Operates and maintains machinery and equipment such as condensate polisher, chemical pumps, emergency generators and air compressors
 - (b) Monitors all pressure gauges and water levels to ensure the safe and efficient operation of the power plant
 - (c) Records boiler activity and logs changes to equipment
 - (d) Performs tests for boiler water and condensate water and applies chemicals as required
 - (e) Monitors fire and security systems and responds to alarms
 - (f) Maintains, monitors and adjusts H.V.A.C., Client Comfort Systems and Energy Management Control Systems for various buildings
 - (g) Carry out minor repairs to heating plant and/or equipment as directed by the Chief Power Engineer

2. Other Related Duties:
 - (a) Prepares and prioritizes maintenance schedules for winter Plant operations and summer Plant closures
 - (b) Maintains the cleanliness of boiler plant
 - (c) Provides input into budget process by recommending purchases
 - (d) Provides instruction and direction to co-workers and assistants working on machinery and equipment in the heating plant
 - (e) Assists the Chief Power Engineer with Boiler Plant closure and with steam served building heating installation inspections

SUPERVISION/DIRECTION RECEIVED:

Chief Power Engineer or Designate

SUPERVISION/DIRECTION EXERCISED:

Provides formal instruction and direction to co-workers and assistants working on machinery and equipment in a heating plant

PHYSICAL ASSETS/INFORMATION MANAGEMENT

Responsible for the safe operation and full maintenance and repair of steam plant equipment and machinery. Maintains and monitors HVAC and CSS and Energy Management Control Systems.

FINANCIAL RESOURCES:

Signs for receipt of goods. Purchases goods for the steam plant as required.

The above statement reflects the general details considered necessary to describe and evaluate the principal functions of the job identified, and shall not be construed as a detailed description of all the work requirements that may be inherent in the job.