FACILITIES SUBSECTOR COLLECTIVE AGREEMENT
BENCHMARK

Job Family: Maintenance  Class Series: Power Engineers
Grid: MA27  Class Title: Chief Power Engineer 4

I. Level Definition
Positions at this level oversee the operation of a power plant or a low pressure steam plant in compliance with applicable codes and regulations. Supervises 4th Class Power Engineers and other designated staff; performs administrative functions such as budget preparation and formulation of department policies and procedures.

II. Typical Duties
(1) Monitors expenditures for assigned area, makes recommendations regarding budget for assigned area and evaluates and selects equipment and supplies.
(2) Oversees and updates standards and procedures; ensures safety practices and procedures are adhered to.
(3) Supervises 4th Class Power Engineers and other designated staff by performing duties such as scheduling and coordinating work assignments, evaluating employee performance and determining related training and orientation requirements.
(4) Operates steam, hot water heating boilers, expansible fluid and air conditioning systems, including starting up and shutting down boilers and related pumps, fans, air compressors, pneumatic systems; monitors and adjusts temperature control system, pressure and feed water levels; monitors and records meter and gauge readings to ensure distribution of steam/air heating to designated areas.
(5) Monitors and adjusts physical plant and heating, ventilating and air conditioning systems by operating a variety of mechanical, pneumatic and/or electronic control systems and performing such tasks as altering systems operating parameters and schedules; repairs and calibrates various instrumentation components of the steam and HVAC systems; maintains required documentation.
(6) Monitors and adjusts chemical treatment systems.
(7) Performs preventative and demand maintenance on steam, hot water heating boilers, expansible fluid, ventilation and air conditioning systems by lubricating, repairing, replacing or installing equipment and/or parts such as pumps, fans, air compressors, heaters, refractories, pneumatic systems, valves, bearings and seals.
(8) Tests and maintains auxiliary power generators and repairs/adjusts as required.
(9) Performs testing on boiler systems such as combustion and water treatment analyses.
(10) Maintains, repairs, replaces and extends steam piping systems including components of the physical plant such as expansion joints, valves, steam traps, strainers, heat exchangers, gauges and insulation.
(11) Answers service and emergency calls for sterilizers and a variety of building systems such as fire protection, medical air, vacuum and gases; resets systems, assesses and performs required repairs or calls in appropriate person.
(12) Ensures compliance with various codes and regulations applying to power engineering by providing direction in relation to plant safety to all persons working within the power plant.
(13) Performs other related duties as assigned.

III. Qualifications
(1) Education, Training and Experience
Certificate of competency as a 4th Class Power Engineer recognized by the Province of B.C. Three years' recent related experience including one year in a supervisory position or an equivalent combination of education, training and experience.
(2) Skills and Abilities
(i) Ability to communicate effectively both verbally and in writing.
(ii) Ability to deal with others effectively.
(iii) Ability to read and interpret blueprints, drawings and specifications.
(iv) Physical ability to carry out the duties of the position.
(v) Ability to operate related equipment.
(vi) Ability to supervise.