



POSITION DESCRIPTION

Position Title: **Power Engineer – Class 3**

Division: Facilities

Classification: Power Engineer (PW2)

Supervisor's Title: Engineering Services Manager/
Chief Power Engineer

POSITION SUMMARY

The Power Engineer- Class 3 will be responsible for both shift engineering and maintenance duties, ensuring optimal performance of power plant and other ancillaries at Assiniboine College in compliance with the Power Engineer Act, Provincial Codes and acceptable best trade practices, as well as Workplace Health and Safety regulations. In the absence of the Chief Power Engineer and/or Facility Manager, the incumbent may be responsible for the entire physical plant operation. The Power Engineer- Class 3 may be the initial contact in service requests under the guidance of the Engineering Services Manager and/or Facility Manager.

RESPONSIBILITIES AND ACCOUNTABILITIES

- When assigned as Shift Engineer this person is in charge of operating and the safe care and control of a Steam Plant in accordance with the Power Engineers Act.
- Perform corrective and preventive maintenance on variety of equipment as assigned. Makes sure the service requests are managed and arranged to be completed in a timely fashion.
- Conduct routine inspections of equipment, identifying problems and taking proactive steps to prevent failures to ensure they operate in a safe and efficient manner.
- Records and reacts to (any abnormalities) all readings from meters and gauges for steam production, fuel consumption, water consumption and power conservation in the daily engineer's log sheet and enters the daily activities at the complex into the Log Book.
- Responsible for the water testing and treatment; also, for the testing and treatment of the heating and cooling systems throughout the complex.
- Monitors, records and makes the necessary program changes to the Delta Direct Digital Control Building Automation Systems and Boiler Management System in regard to energy conservation and client comfort.
- Responds to Fire Alarms, traces source of alarm and takes the necessary action needed to reset the system. Also, assists in the performance of regular preventative maintenance to the Fire Alarm System.
- Familiar and comprehends the Manitoba Fire and Building Codes that include but not limited to testing of Fire Alarm Systems, Emergency Lighting and Suppression Equipment. Performs the required inspections that are within his scope of expertise and will be responsible for entering reports complete with trouble shooting advice for the qualified service personnel.
- Ensures Preventative Maintenance tasks are taken care of as set out by the Chief Power Engineer, Facility Manager, Operations Manager or designate.
- Provides assistance to security, telephone operators and staff that involve their safety in the case of an emergency.
- Supervises and provides guidance to Power Engineer-Class 4, Apprentices, Maintenance Assistants, students, contractors and any other people that provides service at the campus.
- Performs duties relating to the correct operation of a central communication system.

KNOWLEDGE, SKILLS, ABILITIES, OTHER

- A basic mechanical background is preferable and an ability to accomplish sophisticated mechanical tasks accurately is mandatory.
- Excellent verbal and written communication skills.
- Good interpersonal skills
- Self-motivated and highly capable of problem solving
- Due to the nature of the job, the position will include shift work and hence working alone on night shift. Work alone policies must be known and adhered to.
- The physical demands of the position at times require crouching into tight spaces, medium or heavy lifting, climbing of stairs or ladders, walking & sitting at computer stations.
- Must be physically able to do the job i.e. heavy lifting, crouching, kneeling, climbing, etc.
- Must be able to work shift work, weekends & holidays.
- May be required to be on call.

OTHER COMMENTS

Employee's Signature

Date

Supervisor's Signature

Date