



POSITION DESCRIPTION

POSITION TITLE:	POWER ENGINEER 3 RD CLASS
DEPARTMENT:	FACILITIES MANAGEMENT
CLASSIFICATION:	POWER ENGINEER 3 RD CLASS
UNION:	MGEU – FACILITY SUPPORT
STANDARD GROUP #:	93 B

REPORTING RELATIONSHIPS

POSITION REPORTS TO:	MANAGER, FACILITIES MANAGEMENT
POSITIONS SUPERVISED:	NOT APPLICABLE

POSITION SUMMARY

Directly accountable to the Maintenance Manager, the Power Engineer 3rd Class assumes shift responsibility for operating and maintaining on a rotating shift, the building essential services, the power plant to provide heat, steam, hot water, oxygen, compressed air, vacuum, air conditioning, ventilation, emergency electrical power and fire protection system, in a safe and efficient manner.

Operates and maintains boilers, large centrifugal water chillers and associated auxiliary equipment. Efficiently operates a building automation system, making adjustments in change of state as required when deviations from normal occur.

The incumbent does maintenance throughout a large hospital complex and powerhouse, and performs all duties in accordance with established health and safety regulations/guidelines, policies and procedures (e.g. utilizing personal, protective equipment as per safe work procedures). Notifies the Maintenance Manager or designate of all occurrences, injuries illnesses or safety and health concerns.

ESSENTIAL FUNCTIONS AND DUTIES

Function and duties include but are not limited to the following:

- Supervises and operates all building essential service systems, safely and efficiently.
- Routinely records metering and equipment operating criteria not under supervision of the building automation system in all mechanical areas.
- Operates the building automation system efficiently, making change of state adjustments as necessary.
- Controls equipment safely, efficiently and in a manner to provide a safe, comfortable and healthy atmosphere for patients/residents and staff.
- Routinely exercises diesel and fire pump stand-by equipment capacity, testing units as required.
- Routinely tests all safety devices including boiler water levels, chemical needs, electrical switching, operating equipment and lubrication levels as required, using safety tags and lock outs as necessary.
- Maintains energy conservation programs, and recommends changes to systems that will improve performance and reduce operating and maintenance costs.
- Handles all "off shift" trouble calls to electrical, sewer and plumbing, and water essential services, using print reading troubleshooting techniques, etc.
- Preventative maintenance work as assigned.
- Responds to service calls from all areas of the Hospital.
- Maintains all "off shift" fire, evacuation and safety procedures and routines as necessary and in the event of an emergency.
- Notifies a supervisor if tradespersons or contractors are required. Informs the Maintenance Manager or designate of abnormalities of operations.
- Coordinates the activities of contractors and temporary workers, in conjunction with the Maintenance Manager/ Manager Facilities Management.
- Maintains adequate chemical supplies and minimum parts for stock.
- Practices good area (mechanical) and machinery housekeeping procedures, including touch-up painting as necessary.
- Serves as a member of the internal emergency response team and responds to Codes as necessary.
- Performs maintenance and service calls on electric patient beds.
- Performs tasks and takes active part in the Department Quality Improvement Program and accreditation requirements, and makes appropriate recommendations to improve maintenance practices.
- Performs boiler room and related mechanical areas preventative maintenance

functions as required, including necessary reports.

- Undertakes seasonal major and minor equipment and component maintenance and cleaning operations to boilers, condensers, heat exchangers, etc.
- Seeks to improve processes within their scope of responsibility.

OTHER

- Performs other duties as assigned.
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QUALIFICATIONS

EDUCATION/CERTIFICATION:

- Minimum Grade 12 education or equivalent.
- Valid 3rd Class Power Engineers License for the Province of Manitoba is mandatory.
- Interprovincial certificate and graduate from a recognized technical school or equivalent preferred.
- Journeyman trade certification or equivalent in a construction related field is an asset.

REQUIRED KNOWLEDGE:

- Technical knowledge of building systems and terminology.
- Knowledge and use of all standard equipment within the assigned area.
- Experience in the operation and maintenance of a 3rd or 4th class high pressure steam plant.
- Demonstrates knowledge and support of the visions, values, goals and objectives of the Interlake-Eastern Regional Health Authority.

EXPERIENCE REQUIRED:

- Previous experience as a shift engineer, preferably in a health care, commercial, or institutional setting.
- Wide range of experience with building controls, life safety systems, heating, cooling and air handling systems preferred.

SKILLS/COMPETENCIES:

- Has lateral relationships with other departments, using tact, diplomacy, and good judgement.
- Works in cooperation with other members of the Facilities Management Department.
- Excellent problem-solving and decision making skills.
- Self-motivated, proactive and ability to multi-task.
- Ability to effectively communicate orally and in writing.
- Must be able to interpret mechanical, electrical, architectural and pneumatic drawings and technical manuals.
- Must adhere to all Manitoba Workplace Safety and Health regulations.
- Is thoroughly familiar with WHMIS and safety programs and regulations.
- Manual dexterity for the effective performance of job duties.

- Demonstrated initiative and ability to work independently.
- Good physical and mental health to meet position demands.
- Ability to work under stressful and emergency conditions.
- Strong mechanical aptitude is essential.
- Effective interpersonal and communication skills in dealing with all levels of Hospital personnel.
- Ability to plan and organize work to meet demanding schedules.
- Demonstrated regard for safety. Assesses unsafe conditions and takes adequate steps to rectify the situation.
- Ability to handle the demands of shift work.
- Ability to work in a computerized office system environment.
- Ability to use a computerized maintenance management system.
- Ability to collect and interpret data of machinery use, for adjustments and records.
- Ability to operate pneumatic and electronic controls systems.
- Ability to adhere closely to established standards and processes specified for the operation of machinery, equipment and building systems.
- Ability to create files and reports for accurate documentation of operations and tests.
- Ability to respect the privacy and rights of patients/residents that may be encountered while carrying out duties.
- Skilled in operation and completion of all job duties including water testing, operation of sequential equipment and anticipating operating sequences.
- Valid Class "5" drivers license.
- Completes and maintains a satisfactory pre-employment security check.
- Satisfactory employment record.

WORK CONDITIONS

- The incumbent functions autonomously on a day-to-day basis and manages assigned duties accordingly.
- May be required to travel throughout the region as duties may require.
- Require a road worthy vehicle, a valid driver's license and liability insurance of at least \$1,000,000.00.
- May be required to work extended hours
- May involve exposure to extreme heat, cold, radiation, toxic materials, noise, allergens, etc.
- May encounter aggressive and/ or agitated patients/ resident/ staff/ visitors.

WORKPLACE SAFETY AND HEALTH

The incumbent contributes to making the organization safe for clients and staff and recognizes the importance of reporting unsafe situations and participating in follow up reviews as a learning opportunity.

- Provides a safe environment by ensuring the adherence to Workplace Safety and Health Regulations and Policies and Infection Control Guidelines. Obeys all safety and health rules

and follows recommended Safe Work Procedures. Informs supervisor of any unsafe acts, work conditions, incidents, near misses, injuries or illnesses immediately.

- Demonstrates a working knowledge of Workplace Hazardous Materials Information Systems (WHMIS) and adheres to procedures for handling and storing controlled substances as described in the Material Safety Data Sheets (MSDS). Uses personal protective equipment as required.
- Demonstrates understanding of role and responsibilities in fire prevention and disaster preparedness and participates in safety and health training programs including the health facilities Fire, Disaster and Evacuation Plan.

PATIENT SAFETY

- Participates in and demonstrates an understanding of patient safety principles and practices into all day to day activities. Follow all safe work practices and procedures and immediately communicates any activity or action which may constitute a risk to patient safety.

Created: September 2016
Date

Revised: January 2017
Date

Approved by: _____
Regional Manager/ Supervisor Date

Approved by: _____
Vice President/ CEO Date

Reviewed by: _____
Vice President, Human Resources Date

Position descriptions assist organizations in ensuring that the hiring process is fairly administered and that qualified employees are selected. They are also essential to an effective appraisal system and related promotion, transfer, layoff, and termination decisions. Well constructed position descriptions are an integral part of any effective compensation system.

All descriptions have been reviewed to ensure that only essential functions and basic duties have been included. Peripheral tasks, only incidentally related to each position, have been excluded. Requirements, skills and abilities included have been determined to be the minimal standards required to successfully perform the position. In no instance, however, should the duties, responsibilities, and requirements delineated be interpreted as all inclusive. Additional functions and requirements may be assigned by supervisors as deemed appropriate.