



City of Brandon Job Description			
Job Title:	Water Plant Operator (Class 2 Certification)		
Division:	Development Services Division		
Department:	Utilities		
Section:	Water Treatment	Affiliation:	CUPE
Reports To:	Chargehand	Status:	Permanent
Job Class:	Water/Wastewater Treatment Operator	Level Cap:	5

PURPOSE OF POSITION

To participate as part of a working team that operates a variety of equipment and machinery and performs the tasks required for the safe and efficient operations of the City's water treatment operations. Assists the Class 4 and/or Class 3 Operators with operating the equipment that processes water to acceptable standards.

TYPICAL DUTIES AND RESPONSIBILITIES

- Supports the Class 4 and/or Class 3 Operator by performing routine duties in the operation of the mechanical equipment such as boilers, pumps, valves, filters, chemical treating equipment, and all other equipment necessary in the operation of the Water Treatment Facility;
- Supports the Plant Maintenance staff by performing routine duties in servicing mechanical equipment such as the boiler, pumps, valves, filters, chemical treating equipment, and all other equipment necessary in the operation of the Water Treatment Facility;
- Cleans assigned areas of the City of Brandon Water Treatment Facility and performs building and grounds maintenance tasks;
- Maintains records required in the operation of the Water Treatment facility;
- Collects samples used for testing water quality;
- Receives, unloads and stores materials and chemicals used at the Water Treatment Facility;
- Maintains a sufficient supply of chemicals in the feeders;
- Learn to perform the duties of the Class 3 and/or 4 Operator;
- Performs other related duties as assigned or required.

NOTE: This description is not intended to limit the assignment of work or be construed as a complete list of the many duties to be performed by the incumbent.

POSITION QUALIFICATIONS

SKILLS

- Demonstrated Team building skills including interpersonal, communication, and problem solving;
- Demonstrates skill in the safe and effective use of equipment and machinery used at the facility;
- Proficient use of computer equipment, operating systems, word processing and database software as required in the position;
- Information gathering skills used in knowing how to find and identify essential information and be able to make timely decisions based upon operating procedures.

KNOWLEDGE

- Possess a knowledge of and an aptitude to effectively apply the principles and techniques of water treatment, including computer based control systems;
- Knowledge of occupational hazards and safety precautions associated with a variety of work activities;
- Applied knowledge of Workplace Safety and Health Procedures.

ABILITIES

- Ability to recognize sounds and movements of machinery which may indicate faulty operation;
- Ability to make accurate arithmetical calculations and maintain accurate records;
- Ability to understand and follow oral and written instructions, manuals and procedures;
- Willingness to adapt to new technological changes and improvements;
- Willingness to participate in training and self-development programs.

MANDATORY QUALIFICATIONS & EXPERIENCE

- Grade 12, G.E.D., C.A.E.C., or Mature High School Diploma;
- Must hold and maintain a Class 5 Province of Manitoba driver's license;
- A Class 2 Operator's Certificate in Water Treatment as issued by Manitoba Conservation;
- Any additional certification required under Provincial guidelines and legislation;
- Minimum three (3) years experience in a Water Treatment Facility.
- Must possess the ability to work in heights, confined spaces, and lift up to 50 lbs.
- Must be willing to participate in continuing education in order to achieve further certifications.

PREFERRED QUALIFICATIONS & EXPERIENCE

- Two – four years' post-secondary education in a science field.
- A Class 5 Power Engineering certification issued under the Power Engineer's Act and regulation within twenty-four (24) months of appointment;
- A Class 4 Power certification issued under the Power Engineer's Act and regulation within forty-eight (48) months of appointment;

NOTE: The qualifications are not intended to limit the opportunities for interested candidates, but provide the candidates with an understanding of the level of expertise required in this position.

WORK CONDITIONS

PHYSICAL CONDITIONS

The duties of the Class 2 Water Treatment Operator are carried out primarily at the Water Treatment Facility but may also be required to perform work duties at off site facilities as well.

- Capable of performing heavy physical work, including shovelling and lift and/or move up to 50 lbs (daily);
- Adaptable to working while exposed to loud noises, obnoxious odours, hazardous chemicals, extreme temperatures, heights, depths, including confined entry (daily);
- Maintains and checks large equipment (daily);
- Work is performed inside and outside in all weather conditions (daily);
- Performs manual duties in the operation of water treatment equipment (daily).

PSYCHOLOGICAL/STRESS CONDITIONS

The Class 2 Water Treatment Operator's work load and environment generally do not increase employee emotional or stress levels.

- On call to handle emergency situations (occasionally);
- Deadlines or adjustments in duties as a result of changing priorities or weather conditions (frequently).

WORK CONDITIONS

The Class 2 Water Treatment Operator works independently and in a team environment.

- Work in a shared and consultative manner with other employees (daily);
- Self motivated and quality driven to perform all testing and record keeping and operating all equipment (daily);
- Works in areas of confined space, heights, unpleasant noise levels, and adverse odours (daily);
- Adaptable to working within a seven (7) day week schedule comprising of rotating shift work;
- Responsible to the Chargehand of Water Treatment.

NOTE: The conditions described are representative of those that must be met by an employee to successfully perform the essential functions of the job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Department Head: _____

Human Resources: _____

Date: _____