



Maintenance Mechanic

Public Utilities Commission

The Water & Wastewater Services division of the Chatham-Kent PUC has an opening for a permanent full-time Maintenance Mechanic at the Chatham Wastewater Treatment Plant.

Preference given to IBEW Local 636 members.

Job description

The Maintenance Mechanic will maintain the mechanical and electrical equipment and motorised vehicles used in the operation of the Treatment Plants, and Distribution and Collection Systems, in good and safe condition.

Essential responsibilities

- Demonstrate Chatham-Kent's core values and competencies
- Ensure personnel safety regulations, procedures and standards are strictly observed
- Complete electronic document management system training requirements
- Maintain adequate inventories of replacement parts and supplies, etc., and order when required
- Weigh risks and ramifications of all actions related to the production and supply of safe drinking water and the processing of quality wastewater effluent for release to the environment, and take appropriate action
- Inspect, maintain and repair process control equipment to ensure proper operation
- Carry out a program of preventative and routine maintenance, including electronic and machine maintenance, and greasing and oiling as specified in the lubrication schedule
- Ensure conformance with DWQMS (Drinking Water Quality Management System) and compliance with facility Licences, Permits and approvals, Certificates of Approval, regulations and guidelines
- Review facilities SCADA (Supervisory Control and Data Acquisition) trending on a regular basis
- Perform duties as required by the electronic preventative maintenance program on a monthly basis
- Calculate wear and/or performance of equipment using instruments such as micrometers, meggers, calipers, dial indicators, voltage testers, amprobes, etc.
- Follow preventative maintenance procedures by checking machinery and electrical equipment when required, overhauling equipment if necessary, by replacing bearings, shafts, gaskets, etc., and completing work orders in conjunction with the preventative maintenance program
- Ensure the security of the water/wastewater facilities
- Maintain all necessary logbooks
- Perform operational duties on weekends and rotational on call
- Coordinate the acquisition of quotes for supplies and services according to the municipal purchasing policies
- Record and file all data with respect to maintenance and repair of equipment to assist in creating an operating history of the facility, and to be used in planning and costing the operations
- Assist as required to maintain regulated and operational process sampling, monitoring programs and laboratory testing schedules, with the assistance of the Chief Operator and compliance staff, as well as record all test results for statistical purposes and plant records
- Assist in budget preparation for the Operation and Maintenance of Treatment Plants and Systems

Essential qualifications

- Secondary school diploma or equivalent education (e.g. GED certificate) required

- Mechanical and electrical experience in relation to water and wastewater treatment facilities and systems
- Knowledge of and experience with preventative maintenance programs in relation to water and wastewater
- Sound knowledge of standards established by Ministry of the Environment, Conservation and Parks (MECP), PUC policies, procedures and contingencies and applicable regulations
- Working knowledge of the Occupational Health and Safety Act and applicable regulations
- Experience working in a unionized environment
- Experience working with an operating budgets
- Strong working knowledge of SCADA (Supervisory Control and Data Acquisition) software
- Strong computer skills, specifically Microsoft Office (Word, Excel, PowerPoint, Outlook) (or similar software programs)

Other qualifications

- Confined space entry training an asset
- Personal protective equipment training an asset

Certifications, memberships, licenses

- MECP (Ministry of the Environment, Conservation and Parks) certification in water and wastewater required
- Industrial Electrical Ticket required
- Millwright Ticket an asset
- Standard First Aid/CPR an asset

Work environment/hours of work

- This position works both indoors and outdoors
- This position works weekday hours, with occasional weekend hours as well as on-call, after hours, and weekends

COVID-19 Vaccination

- The Municipality of Chatham-Kent no longer requires a COVID-19 vaccination as a condition of employment. Although it is not mandatory to be vaccinated, it is highly encouraged.

Driver's licence/vehicle requirements

- Because of the responsibilities, this position requires the successful candidate to have a valid class G (or higher) Ontario driver's licence; a driver's abstract will be conducted by the Municipality of Chatham-Kent. An acceptable driver's abstract will: be an original document and current (within the previous thirty (30) days); have no more than four (4) demerit points; have no more than two (2) convictions for the same offence; have no criminal code convictions; have no 'non-medical or administrative' licence suspension in the preceding three (3) years.

Essential physical and/or safety requirements

- Requires physical coordination and dexterity to use hand tools, such as drills, wrenches, screwdrivers, etc.
- Requires physical coordination and dexterity to use precision test equipment used to troubleshoot equipment and systems
- Manual dexterity to operate computers and laboratory equipment, such as pH meters, turbidity meter, chlorine analyzers, etc.
- Requires physical strength to manipulate, move and reposition equipment and machinery
- Frequent exposure to loud noises from equipment
- Work outdoors in excessive cold, hot or adverse weather conditions
- Work with hazardous chemicals

- Wear self-contained breathing apparatus for confined space entries or chemical spills
- Work in areas with unpleasant odours associated with sewage treatment processes
- Attention to detail for short periods of time when taking readings or working on process control equipment, hydraulic, electric or other systems
- Ability to shift focus quickly in response to emergencies or other priorities in the workplace
- Maintain focus on multiple tasks with varying priorities, deadlines and/or demands
- Personal protective equipment as required by Health & Safety policies and procedures, include (but not limited to):
 - Green patch safety shoes
 - SCBA: persons using positive pressure or negative pressure respirators shall be clean shaven where the face-piece seals to the skin
 - Cartridge masks, dust masks and/or half masks
 - Hearing protection
 - Safety glasses
 - Faceshield
 - Hard hat
 - Gloves, gauntlets
 - PPE as required by Arc Flash Program
 - Flotation device
- Regular lifting of materials and equipment weighting 4 to 9 kg (10 to 20 lbs)
- Frequent standing for prolonged periods of time
- Regular walking and climbing of stairs and ladders
- Work in confined spaces, such as sewer pumping stations
- Reach above shoulder level to perform operational and maintenance duties

Benefits

This permanent full-time position will receive an hourly wage beginning at \$34.48 with increases up to \$39.08 depending on length of time worked and class level of certification, plus benefits including: participation in the OMERS pension plan (mandatory), vacation entitlement and a comprehensive benefit package that includes life insurance, accidental death and dismemberment, short and long term disability, extended health and dental benefits following the successful completion of a 3 month waiting period

The Municipality of Chatham-Kent is an equal opportunity employer, committed to fair and accessible employment practices that attract and retain talented employees in a workplace that is inclusive, supportive, and reflective of the diverse community we serve.

Should you require accommodations during the recruitment process, please contact Human Resources & Organizational Development (HROD) at 519-360-1998. Applicant information is collected under the authority of the Municipal Freedom of Information and Privacy legislation and will be used strictly for the purpose of candidate selection.

<http://www.chatham-kent.ca>