

WWTP MAINTENANCE TECHNICIAN CLASSIFICATION SPECIFICATION

GENERAL FUNCTION

Under direction, performs skilled work in the preventative maintenance, repair, overhaul, modification, removal, and installation of equipment and facilities at the Wastewater Treatment Plant, lift stations and odor control stations.

REPRESENTATIVE ESSENTIAL DUTIES AND RESPONSIBILITIES (Note – This list is intended only to illustrate the various types of work that may be performed. The omission of specific statements does not exclude them from the position.)

Perform repair or overhaul, including but not limited to, various pumps, compressors, blowers, engines, boiler, valves, piping. Diagnose component/system problems.

Perform as the lead mechanic in the removal of components using proper rigging equipment and in the reinstallation of the component. Ensure component/system operates properly and that all safety rules are followed.

Perform corrective maintenance and non-routine troubleshooting of structural, mechanical, and electrical features to include but not limited to bearings, mechanical seals, bushing replacement, shaft inspection for wear, and recognition of out-of-alignment and imbalance conditions.

Perform preventative maintenance such as inspections, adjustment alignment, cleaning, lubrication, and application of protective coatings on mechanical, electrical and structural features.

Perform a variety of pipe fitting repairs and installations.

Locate vendor sources and place orders for machinery replacement parts and assist in the maintenance of existing parts inventory system.

Install new machinery as defined by the maintenance supervisor.

Maintain and diagnose faults on pneumatic, plumbing, hydraulic, HVAC, and basic electrical systems.

Ensure proper operations, monitor, complete logs, charts, and records of equipment and maintenance performed. Use logs and records to perform trend analysis.

Perform preventative maintenance of all wastewater lift stations, odor control stations, and sampling stations located throughout the city.

Maintain the buildings and facilities for structural functional use, and neat appearance using basic janitorial, plumbing, and electrical skills.

Implement and maintain all procedures and equipment, so as to comply with federal, state and local laws, policies and procedures.

Ensure all mechanics respond to public complaints concerning wastewater overflow and/or odor control and ensure to contact individual with a resolution to the problem.

Other Duties

- **Regular attendance is an essential requirement**
- **Performs related work as assigned and/or required**

KNOWLEDGE, SKILLS AND ABILITIES (Entry Requirements)

Knowledge of:

Materials, methods and procedures for the maintenance of the WWTP and lift stations. Computerized parts inventory, work orders, and equipment history database applications. Individual process equipment including programmable logic controllers, motor controls, hydraulic power systems, and mechanical seals. AC and DC motor theory and principles of variable frequency drives. Potential mechanical and electrical hazards and required safety precautions.

Ability to:

Effectively communicate both orally and in writing, technical information to management and fellow employees. Read and interpret technical specifications, plans and reports; prepare operational reports and extensive equipment history records. Operate all equipment and tools normally associated with maintenance activities in an industrial plant. Accurately align and perform skilled repair of rotating machinery. Analyze and research complex maintenance problems and formulate alternative cost estimates, priority, and recommendations. Organize and schedule work, and train other employees. Work safely around 480-volt electrical equipment. Work independently. Effectively implement and participate in all federal, state and local government regulations.

Skill in:

Reading and understanding prints, blueprints and calculate mathematical problems.

QUALIFYING EDUCATION AND EXPERIENCE (Minimum Requirements)

Any combination of education and experience equivalent to a High school diploma or G.E.D., two years of education in industrial electrical/mechanical maintenance, and four years progressively responsible maintenance experience in a process or production industry preferably water or wastewater. WA State Drivers License is required.

Special Requirements

Ability to qualify in CPR, First Aid, Confined Space, Flagger, and forklift Operator. Hepatitis vaccination.

PHYSICAL REQUIREMENTS

Often transitions from indoor to outdoors. Some portions of the WWTP are hot, cramped and/or may contain offensive odors. Some surfaces are slippery and/or have open grates. Due to size, location and various levels within the WWTP and lift stations, the ability to sit, walk, climb stairs, and ladders and agility is required. Must be able to lift at least 50 lbs.

WORKING CONDITIONS

Frequent work in and around raw sewage. Working in confined spaces. Work near high voltage. In close contact with a variety of combustibles, corrosives, toxic chemicals, and gases such as chlorine, methane, CO₂, and biological hazards associated with working in and around raw sewage. Required to work standby with a call back on a 24-hour basis, and the ability to respond within 30 minute of the callout. Work in varied weather conditions.

LEGAL and REGULATORY EMPLOYMENT CONDITIONS

Fair Labor Standards Act: The classification is non-exempt under the laws of fair Labor Standards Act minimum wage and overtime provisions.

Representation: The classification is included in the bargaining unit pursuant to the Recognition Article of the current labor agreement between the City of Bremerton and the Teamsters Local 589.

Civil Service: The classification is included in the City's Civil Service System.

Appointment and Removal Authority: The position is filled by appointment by the Department Head. Removal is by action of the Department Head in conformance with Civil Service Rules.

This classification specification does not constitute an employment agreement between the City and employee. It is subject to change by the City, with approval by the Civil Service Commission, as the needs of the City and requirements change.