

## **CITY OF CHATTANOOGA**

### **Classification Specification Title: Industrial Maintenance Mechanic 2 (Wastewater)**

**Department: Wastewater**

**Pay Grade: WWFG.06N**

**Supervision Received From: Chief Maintenance Mechanic**

**FLSA Status: Non-Exempt**

**Supervisory Responsibility For: None**

**Established: 6/29/27**

**Revision Dates: 4/2/25;**

**12/11/23; 10/20/23; 10/03/22**

#### **CLASSIFICATION SUMMARY:**

Incumbents in this classification are responsible for performing skilled inspections, maintenance and troubleshooting repairs involving plant maintenance activities. Demonstrates sound working knowledge of methods, tools and materials used in the area of assignments. Duties include independent performing inspections, testing, replacements and repairs. Work requires limited supervision.

**SERIES LEVEL:** The Industrial Mechanic 2 is the third level of a five-level wastewater plant maintenance series.

#### **ESSENTIAL FUNCTIONS:**

*(The following duties ARE NOT intended to serve as a comprehensive list of all duties performed by all employees in this classification, only a representative summary of the primary duties and responsibilities. Incumbent(s) may not be required to perform all duties listed and may be required to perform additional, position-specific duties.)*

Proficiently perform the duties and responsibilities typically assigned to an Industrial Mechanic 1, and 1st level duties as well as fill in for level 4 duties when needed.

Demonstrate efficient and safe work habits in the performance of job duties and usage of equipment.

Design, diagnose, troubleshoot and repair lift station pumps, motors, sump pumps, valves, and gate valves; performs fabrication of parts as required; and may also be required to rebuild pumps.

Operate or assist with the diagnoses and repair of mechanical machinery such as master pump stations, including pumps, motors, gear reducers, valves, and rake bar systems.

Perform inspections, tests and routine preventive maintenance to ensure proper functioning of wastewater equipment.

Demonstrate proper methods for lower level mechanics in disassembling and rebuilding centrifuges, or pumps including removing and replacing bearings, seals and ceramic wear rings; and welding.

Perform preventative maintenance on residential grinder pump stations.

May assist with the replacement of rake bar systems.

Repair, replace or assist with the replacement of the rake bar system.

May assist repair ,replace with the inspection and repair-and inspect of cell gates, cell blowers, hydraulic valves and water lines.

Demonstrate proper use of forklifts, scissors lift, rigging, cranes and maintainer operation. and any other piece of equipment needed for the job ( laser alignment).

Must meet regular attendance requirements.

Must be able to maintain good interpersonal relationships with staff, co-workers, managers and citizens.

Must accomplish the essential functions of the job, with or without reasonable accommodations, in a timely manner.

Performs other duties as assigned.

This position is deemed essential during inclement weather situations, and must report to or remain at work, even when administrative closings are announced, as determined by the Department Head.

DEPARTMENT SPECIFIC DUTIES (if any):

MINIMUM QUALIFICATIONS: High School or GED and five (5) years of any combination or relevant education, experience sufficient to successfully perform the essential functions of this job.

Examples of experience include mechanical experience in industrial, wastewater or water plant settings.

LICENSING AND CERTIFICATIONS

A valid Driver's License.

Forklift Certification crane operation, manlift.

SUPPLEMENTAL INFORMATION:

Knowledge of safe work practices; mechanical and electrical equipment principles; basic

plumbing principles; maintenance requirements for plant mechanical and electrical systems; automated equipment operation and maintenance; welding principles and practices; applicable tools and equipment utilized in the trade; and, heavy equipment operation principles.

Skill in diagnosing and repairing mechanical plant systems, equipment, and machinery; implementing preventative maintenance on applicable systems, equipment, and machinery; utilizing tools and equipment of the trade; adhering to safe work practices; reading and interpreting blueprints, schematics, plans, technical manuals, and specifications; operating various welding equipment and fabricating parts; and, communication and interpersonal skills as applied to interaction with coworkers, supervisor, and the general public, sufficient to exchange or convey information and to receive work direction.

#### PHYSICAL DEMANDS:

Positions in this class typically require: climbing, balancing, stooping, kneeling, crouching, crawling, reaching, standing, walking, pushing, pulling, lifting, fingering, grasping, feeling, talking, hearing, and seeing.

#### WORK ENVIRONMENT:

Heavy Work

Exerting up to 100 pounds of force occasionally, and/or up to 50 pounds of force frequently, and/or up to 20 pounds of force constantly to move objects.

Incumbents may be subjected to moving mechanical parts, electrical currents, vibrations, fumes, odors, dusts, gasses, poor ventilation, chemicals, oils, extreme temperatures, inadequate lighting, work space restrictions, infectious diseases, heights, and confined spaces.

#### SPECIAL REQUIREMENTS:

Safety Sensitive: Y

Department of Transportation - CDL: N

Child Sensitive: N

The City of Chattanooga, Tennessee is an Equal Opportunity Employer. In compliance with the Americans with Disabilities Act, the City will provide reasonable accommodations to qualified individuals with disabilities and encourage both prospective and current employees to discuss potential accommodations with the employer.