

**JOB DESCRIPTION
CITY OF SPRINGFIELD**

**HUMAN RESOURCES DEPARTMENT
EMPLOYMENT AND
COMPENSATION DIVISION**

Job Title	<u>Plant Maintenance Mechanic I</u>
Sch & Grade	<u>CTL-10</u>
Class Code	<u>GA01</u>
FLSA Status	<u>Non-Exempt</u>
Bargain Unit Elig.	<u>SEIU</u>
Occupational Group	<u>Fleet & Equipment Services</u>

PRIMARY PURPOSE:

Performs skilled maintenance, diagnosis and repair work on sewage plant and lift station equipment as well as machinery.

SUPERVISION:

Under the general supervision of the Wastewater Plant Maintenance Supervisor.

DESCRIPTION OF WORK:

ESSENTIAL FUNCTIONS:

1. Performs preventive maintenance, diagnosis and repair work on equipment and machinery at wastewater treatment plants and lift stations including motors, pumps, conveyors, generators, air compressors, and other comparable equipment.
2. Performs preventive maintenance and repairs on specialized wastewater plant equipment under the direction of, or as instructed by a Plant Maintenance Mechanic II. This specialized equipment includes such items as bar screens, clarifier mechanisms, cryogenic pure oxygen generation equipment, ozone generating equipment, mixers, etc.
3. Performs routine electrical, plumbing, and gas maintenance work.
4. Reads and interprets technical repair manuals, operating guides, schematics, wiring diagrams, shop drawings, etc.
5. Drives equipment and vehicles, including a boom truck, to various work site locations at the North and South Treatment plants and lift stations to repair or perform preventative maintenance on equipment and machinery.
6. Utilizes a variety of common and specialized tools as required.
7. Requisitions necessary parts and materials when appropriate.

IMPORTANT FUNCTIONS:

1. Cleans tools and maintains a neat and orderly work area.
2. Utilizes basic math calculations for repair projects as necessary.

Performs related work as required.

QUALIFICATIONS REQUIRED:

Any combination of education, training, and experience providing the following knowledge, skills, and abilities:

Knowledge

Principles and procedures related to the maintenance, diagnosis and repair of industrial equipment and machinery; safety principles and procedures associated with industrial equipment and machinery repair and maintenance work.

Abilities

Perform effective preventive maintenance and repairs on assigned wastewater plant and lift station equipment in a manner consistent with safety principles; effectively troubleshoot problems with equipment; utilize tools and test equipment used in industrial mechanic trade; perform minor electrical, plumbing and gas maintenance work; follow oral and written instructions; communicate effectively verbally; effectively welcome and embrace differences among employees and citizens; work effectively as a member of a team in carrying out the city's stated mission and philosophy; deal effectively and courteously with associates and the general public; perform the essential functions of the job without posing a direct threat to the health and safety of others.

Experience, Education, and Training

Requires at least three years of maintenance and/or repair experience with a minimum of one year in the repair of industrial maintenance equipment. Completion of technical school or apprenticeship is preferred, but not required.

Physical Requirements

Must be able to: hold and grip objects; bend, squat, kneel, crawl, twist, and reach over head; work in awkward positions; lift, carry, push, and pull up to 50 pounds; may be subject to long periods of standing. Must have ability to complete industrial equipment maintenance and repair work.

Working Environment

Both indoor and outdoor working environments with exposure to dust and pollen; subject to a variety of extreme weather conditions; susceptible to mechanical hazards associated with industrial equipment and machinery as well as chemical, electrical, toxic waste, and other safety hazards associated with treatment plant facilities; possible exposure to disease and strong odors as related to wastewater treatment operations.

Licensing/Certification

Must possess a valid Missouri Motor Vehicle Operator's License; a Class "B" Commercial Driver's License (CDL) that would enable the driver to operate a vehicle with airbrakes and appropriate endorsements is desirable.

Miscellaneous Requirements

Must pass pre-employment drug testing and submit to periodic drug testing as required by applicable laws. May be subject to emergency call-in.

Last Revision:	February 14, 2012	GENERAL ORDINANCE NO. 3001
Comments:	Updated Abilities	Date: October, 1979

I have read the foregoing job description in its entirety and understand its contents. I can perform the essential functions outlined with or without reasonable accommodation under the Americans with Disabilities Act.

Signed: _____ **Date:** _____