

CITY OF GLENDALE

TITLE: Plant Maintenance Mechanic I CLASS CODE: 951

REPORTS TO: Plant Operations Supervisor GRADE: 19

DEPARTMENT: Utilities FLSA: N

JOB SPECIFICATION DATE: July 1, 2005 bwg

JOB SUMMARY:

Performs journey level work in the maintenance and repair of water and wastewater processing equipment, lift stations, and well sites.

ESSENTIAL FUNCTIONS:

1. Performs a variety of maintenance on mechanical equipment used in the operation of water/wastewater processing.
2. Provides assistance to an advanced skilled journeyman mechanic.
3. Performs preventative or scheduled maintenance on mechanical equipment, such as greasing, oil changes, re-packing or replacing bearings or seals, and chain gears or adjustments.
4. Participates in general electrical work such as wiring small motors, pumps and repair of light duty equipment.
5. Participates in the installation of new equipment and plant upgrades.
6. Researches and orders spare and replacement parts; maintains inventory.
7. Operates specialized trade tools; electrical and electronic meters and testing equipment; electrical wire cutting, crimping and soldering tools; pipe cutters, threaders, cutting torches and other specialized equipment.
8. Lubricates and maintains various equipment including pumps, motors, flocculators, compressors, and engines.
9. Changes oil on motors and compressors, cleans air filters assemblies; installs, repairs, replaces and inspects chlorinating systems.

SECONDARY FUNCTIONS:

10. Participates in the repair and rebuilding of small gasoline engines and associated equipment.
11. May perform general building maintenance and remodeling work, including carpentry, electrical or plumbing.
12. Performs other related duties as required.

KNOWLEDGE, SKILLS, ABILITIES:

Knowledge of:

Water treatment processes and the operation of process control equipment.
Principles, practices, techniques, tools and equipment of the mechanical trade.
Occupational hazards and necessary safety precautions.

Skill in:

Use of tools and equipment required to perform tasks

Ability to:

Understand and follow oral and written instructions.
Establish and maintain effective working relationships with co-workers.
Coordinate visual and muscular dexterity in the operation of a variety of tools.
Read and follow blueprints, schematics, other plans and drawings, and technical data.

WORKING CONDITIONS:

Work involves periods of lifting, walking, climbing, and working in cramped or awkward positions.

Outdoor work is often required in seasonal temperatures. Work at great heights while suspended above moving parts and equipment.

Hazards exist in exposure to high voltage power equipment, various potentially hazardous chemicals, and bacteriological hazards. Hazards may be reduced by the use of safety precautions.

MINIMUM QUALIFICATIONS:

Two years of trade school or college level course work in equipment maintenance or a related field and two years experience working in an equipment maintenance environment, preferably water equipment.

Any equivalent combination of training and experience, which provides the required knowledge, skills, and abilities, is qualifying.

SPECIAL REQUIREMENTS:

An Arizona driver's license.

Subject to call back after normal shift hours.

Some positions may require a commercial driver's license with hazardous materials endorsement, within 90 from the date of hire.

Possession of Grade 1 Water or Wastewater certificate within six months of hire.

Applicants will be required to undergo drug testing prior to employment and will be subject to further drug and alcohol testing throughout their period of employment in accordance with the City of Glendale Substance Abuse policy.