

CITY OF CEDAR RAPIDS POSITION PROFILE	JOB CODE #/TITLE: AF050 WPC Equipment Mechanic
POSITION #/TITLE: 0242, 0407, 0492, 0543, 0662, 0755, 1012, 1013, 1083 Water Pollution Control Equipment Mechanic	Adopted: 07-97
	Revised: 03-16

POSITION DESCRIPTION

Dept /Division: Utilities/Water Pollution Control	Manager Level: Non-Manager
Salary Plan/Description: AFS/AFSCME	Salary Grade: 28
Reports To Position #/Job Code #/JC Title: 0015/NB208/WPC Repair/Overhaul Mtn Supv or 0118/NB207/WPC Preventative Maintenance Supv	Dotted-line Reports To Position #/Job Code #/JC Title:
FLSA Status: Non-Exempt	City Overtime Status (Employee Type): Non-Exempt (Exception Hourly)
Physical Demand Rating: Very Heavy	Work Environment: Uncontrolled
Pre-employment Testing: Drug and health screening after contingent offer.	Position Testing: Physical Qualifications Tests
Personal Protective Equipment: Eye, Face, Hand, Head, Foot, Hearing, Protective Clothing, Respirator, Gas Monitor	

General Statement of Duties

Provides technical maintenance services to sustain a continuing program of waste water treatment.

Distinguishing Features of the Class

Work is performed under general supervision, with the ability to exercise discretion in selection of work method and schedule.

Examples of Essential Work (Illustrative Only)

Directs and leads work crews in safe and efficient repair and maintenance of pumps, compressors, hydraulic systems, pneumatics and other mechanical equipment in wastewater collection lift-stations and in treatment plant;

Wears and properly uses safety equipment including personal protective, fall protection equipment, self-contained breathing apparatus, and gas detection equipment;

Installs new equipment;

Operates light and heavy equipment in the installation of valves, piping mains, and service lines;

Performs welding and cutting of metal;

Reads blueprints, diagrams and equipment manuals to determine proper repair and installation procedures;

Performs mechanical repair and maintenance of automotive equipment;

Builds forms and finishes cement;

Fabricates special tools;

Performs all work duties and activities in accordance with City policies, procedures and safety practices;

Attends meetings, conferences and workshops;

Supports continuous process improvement initiatives;

Performs related work as required.

Required Knowledge and Abilities

Knowledge of function and operation of pumps, compressors and other hydraulic and mechanical equipment used in the water pollution control programs, including automotive equipment;
Knowledge of effective methods and techniques of maintenance of such equipment;
Knowledge of OSHA permit-required confined space entry protocol, respiratory protection standards, right-to-know laws, CPR, and First Aid;
Knowledge and proficiency in safety procedures used in maintenance activities at wastewater lift stations and treatment plants;
Skill in reading, writing and mathematical computations used in maintenance procedures;
Skill in application of specified knowledge of repair and maintenance of waste water collection and treatment equipment;
Ability to properly utilize the following equipment and tools: light and heavy equipment; drill press; power drills; lathe; power saw; air hammer; mechanical hand tools; power hoist; trucks; tractors; welding equipment; sheet metal equipment, pneumatics, hazardous atmosphere detection equipment, personal protective equipment, gas detectors, fall protection equipment and self-contained breathing apparatus;
Ability to perform confined space entry using permit-required protocol;
Ability to work under general supervision and ability to exercise discretion in selection of work method and schedule;
Ability to operate a personal computer using program applications appropriate to assigned duties and responsibilities;
Ability to quickly learn and put to use new skills and knowledge brought about by rapidly changing information and/or technology;
Ingenuity and inventiveness in the performance of assigned tasks.

Acceptable Experience and Training

Requires a minimum of five years experience in maintenance and repair of waste water collection and treatment equipment, or equivalent related mechanical experience in the repair and maintenance of pumps, compressors, drive systems and other hydraulic and mechanical equipment; or
Any equivalent combination of experience and training which provides the knowledge and abilities necessary to perform the work.

Required Special Qualifications

Valid Iowa Commercial Driver's License (Class B) with appropriate endorsements upon appointment and valid Medical Examiners Certificate.

Essential Physical Abilities

Sufficient clarity of speech and hearing, with or without reasonable accommodation, which permits the employee to communicate effectively;
Sufficient vision, with or without reasonable accommodation, which permits the employee to operate hand and power tools, clean and repair facilities and operate water pollution control plant controls;
Sufficient manual dexterity, with or without reasonable accommodation, which permits the employee to operate hand and power tools and process equipment and controls;
Sufficient personal mobility, with or without reasonable accommodation, which permits the employee to operate machinery, move construction materials and work in confined spaces.