

GENERAL DESCRIPTION:

This is skilled maintenance work in the Water Pollution Control Facilities and Equipment.

Mechanical work of difficult and responsible nature in performance of duties involving special technical procedures. Duties include maintenance, lubrication and other preventative maintenance procedures. Maintenance of pumps, motors and tanks. Skilled in repairs of facilities and equipment. The work requires that the employees understand routine maintenance and repair procedures and practices for Water Pollution Control Facilities and equipment. Knowledge of how repairs relate to the operation of WPCF.

SUPERVISION RECEIVED:

Works under the general supervision of the WPC Mechanic Crew Leader.

EXAMPLES OF DUTIES:

- Performs semi-routine maintenance on pumps, motors, and other facilities and equipment including lubricating bearings and other components. Changing oil and other lubricants, cleaning filters and screens, and checking fluid levels.
- External inspection and observation of machinery and equipment to detect or diagnose the existence of malfunctions or defects.
- Capable of disassembly and assembly of machinery and equipment: cleaning components; inspection of components for signs of wear, defects, or malfunctions. Replacing or repairing components when required. Using machine shop tools to form simple components alterations and/or make simple components.
- Capable of the repair of facilities and equipment including removing and replacing equipment, performing routine adjustments and working with other mechanics on major repairs.
- Responds to emergencies at any time of the day or night as required.
- Performs related work as required.

KNOWLEDGE, SKILLS, AND ABILITIES:

- Good knowledge of the methods, techniques, tools and materials necessary for the maintenance of pumps, motors, and stationary equipment as applied to Water Pollution Control Facilities.
- Good knowledge of the procedures and practices relating to Water Pollution Control Facilities operation and maintenance.
- Good ability in routine maintenance and simple repair of pumps, motors, and associated equipment.
- Good ability to understand and follow written and oral instructions.
- Good ability to maintain routine records of repairs and equipment operations. Good ability to lift the equipment and components that are being repaired.
- Considerable ability to establish and maintain effective working relationships with superiors and associates.

QUALIFICATIONS:

A High School or Trade School diploma or the equivalent supplemented by training in electrical pump and motor maintenance, plus three years of experience in the maintenance of mechanical equipment, including pumps and motors, OR, an equivalent combination of education and experience substituting on the basis of one year of experience for each year of education up to a maximum of two years.

SPECIAL REQUIREMENTS:

Must have and maintain a valid driver's license.

Possession of a Class 2 Certificate in Waste Water Treatment Plant Operation OR Possession of a Class 2 Certificate in Waste Water Collection Systems AND possession of a Class 1 Certificate in the other.

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