

EQUIPMENT MECHANIC III

GENERAL DEFINITION OF WORK:

Performs responsible skilled work in the maintenance, repair and replacement of machinery and equipment in a wastewater treatment plant; does related work as required. Work is performed under the immediate supervision of a senior mechanic.

This is heavy work requiring the exertion of 100 pounds of force occasionally, up to 50 pound of force frequently, and up to 20 pounds of force constantly to move objects; work requires climbing, balancing, stooping, kneeling, crouching, crawling, reaching, standing, walking, pushing, pulling, lifting, fingering, grasping, feeling, and repetitive motions; vocal communication is required for expressing or exchanging ideas by means of the spoken word; hearing is required to perceive information at normal spoken work levels; visual acuity is required for depth perception, color perception, night vision, peripheral vision, preparing and analyzing written or computer data, visual inspection involving small defects and/or small parts, use of measuring devices, assembly or fabrication of parts at or within arms length, operation of machines, operation of motor vehicles or equipment, determining the accuracy and thoroughness of work, and observing general surroundings and activities; the worker is subject to inside and outside environmental conditions, extreme cold, noise, vibration, hazards, atmospheric conditions, oils, and wearing a respirator. The worker may be exposed to blood borne pathogens and may be required to wear specialized personal protective equipment. The worker must comply with appropriate safety rules, regulations and procedures.

ESSENTIAL FUNCTIONS/TYPICAL TASKS:

Assisting with the maintenance of the treatment plant, vehicles and equipment.

Replaces packing on pumps and valves, replaces motor and pump bearings, seals and sleeves, adjusts shaft alignments;

Replaces worn parts on grinders, compressors, chemical feeders, bar screens, aerators, filters and other equipment;

Replaces bearings, seals, lubricates motors and gearboxes;

Maintains and replaces treatment plant piping and high pressure lines;

Maintains plant and pumping station buildings and grounds;

Responds to emergency calls;

Complies with appropriate safety rules, regulations and procedures;

Performs related tasks as required.

KNOWLEDGE, SKILLS AND ABILITIES:

Some knowledge of the installation, repair and maintenance of the mechanical, hydraulic and electrical components of wastewater treatment and pump station equipment; some knowledge of the occupational hazards and necessary safety precautions of the work; skill in the use and care of tools; ability to follow oral and written directions; ability to work under adverse conditions; ability to perform heavy manual work; ability to be contacted by phone in case of emergency; ability to comply with safety rules; regulations and procedures.

EDUCATION AND EXPERIENCE:

Any combination of education and experience equivalent to graduation from high school and some mechanical maintenance experience.

SPECIAL REQUIREMENTS:

Possession of an appropriate valid driver's license.