

MAJOR FUNCTION

This is responsible supervisory and skilled mechanical maintenance work in the repair of sewerage system equipment. Work is performed under the general administrative direction of a Program Engineer. Incumbent exercises independent judgment in the selection of work methods and procedures. Work is reviewed through results, conferences and inspections.

ESSENTIAL AND OTHER IMPORTANT JOB DUTIES**Essential Duties**

Performs and supervises major mechanical repairs to the sewerage system, i.e., the wastewater collection system and the wastewater treatment plants such as overhauling pumps, motors, sludge collectors and other mechanical equipment. Fabricates and/or constructs new components to the sewerage system. Performs all types of welding, braising and fabrication of many types of parts, hand rails, steps, screens, sewage lines, etc. Makes inspections to determine operating condition of equipment and needed repairs. Determines materials and equipment for repair and maintenance work. Tests equipment for possible malfunctions. Repairs minor electrical trouble and also performs some general carpentry and masonry work. Fabricates tools when necessary. Provides preventive maintenance activities to prevent major breakdowns. Manages the heavy maintenance shop, including purchasing and maintenance of shop equipment and supplies. Supervises maintenance personnel, including welders, mechanics, machinists, electricians, electronics technicians, maintenance repair workers and others who may be assigned to maintenance projects. Recommends hiring, transfer, lay-off, recall, promotion and discharge. Conducts performance evaluations and recommends approval or disapproval of merit increases. Submits personnel, supplies and equipment needs for budgetary purposes. Meets with vendors and manufacturer representatives.

Other Important Duties

Performs related work as required.

DESIRABLE QUALIFICATIONS**Knowledge, Abilities and Skills**

Considerable knowledge of the methods and techniques used in the installation, repair and maintenance of a wide variety of sewerage system equipment. Considerable knowledge of electricity, carpentry, and various other trades. Ability to make inspections to determine operating conditions and needed repairs of equipment. Ability to work from blueprints, pencil sketches or written or oral instructions. Skill in the use of mechanic's tools and shop equipment including acetylene, arc, heliarc welders, cutting torch, shapers, saws, drills, sheet metal machinery, milling machines, and other related equipment. Ability to lead and direct the work activities of others. Skill in the installation of sewerage system equipment.

Minimum Training and Experience

Possession of a high school diploma or an equivalent recognized certificate and six years of experience in the mechanical, welding and fabricating trade, or an equivalent combination of training and experience. Two years of the required experience must have been in a supervisory capacity.

Necessary Special Requirements

Possession of a valid class E State driver's license at the time of appointment. Possession of a Class "A" Wastewater Treatment or Class "A" Wastewater Collections License issued by the Florida Water and Pollution Control Operators Association (FWPCOA) at the time of appointment.

Revised: 09-30-83
02-15-90
02-25-05*
01-05-07
09-07-13