

ASSISTANT UTILITIES PLANT MECHANIC - 605

DEFINITION OF WORK

Under immediate supervision, performs responsible skilled work in the maintenance, repair and replacement of machinery and equipment in a water or sewage treatment plant; does related work as required.

EXAMPLES OF WORK

Assists in the maintenance, repair, dismantling and overhauling of varied plant equipment such as bar screens, grit collectors, conveyors, mechanical grinders, pumps, engines and blowers, gas and air compressors, ventilation systems and chlorinators; performs welding, torch cutting, carpentry and plumbing; assists in the complete overhaul of varied plant machinery and equipment; assists in replacing high pressure steam lines and condensation return lines and installs valves; inspects plant equipment; adjusts, repairs and replaces malfunctioning parts such as bearings, gauges, seats and packing; acts independently in lubricating and cleaning a variety of heavy moving machinery and equipment; checks temperature or bearings by touch and thermometer; tends and cleans oil filters and purifiers; may be required to keep basic records.

EMPLOYMENT STANDARDS

Education and Experience: Any combination of education and experience equivalent to a high school diploma and some mechanical maintenance experience.

Knowledge, Skills and Abilities: Some knowledge of the installation, repair and maintenance of the mechanical, hydraulic and electrical components of water and wastewater treatment and pumpstation equipment; general knowledge of the occupational hazards and necessary safety precautions of the work; skill in the use and care of tools of the trade; ability to determine improper operations of water and wastewater pumping and treatment equipment and to take proper remedial action; ability to follow oral and written directions; ability to work under adverse conditions.

SPECIAL REQUIREMENT

Possession of a valid North Carolina driver's license.