

THE MATTABASSETT DISTRICT
JOB SPECIFICATION
Updated: 9/9/2022

Title: ELECTRICIAN-MECHANIC

Supervision Received: Works under the general supervision of the Maintenance Manager, Assistant Maintenance Manager or Senior Instrumentation Technician, who may or may not be present or available for instructions or assistance.

Supervision Exercised: Exercise general and working supervision of personnel assigned to him.

General Statement of Duties: Duties include the maintenance, repair, overhaul and installation of electrical, electronic, mechanical, automotive, hydraulic and pneumatic systems pertinent to wastewater treatment plants. Duties also include the installation and maintenance of meters, recorders, instrumentation, and all other related equipment. Regularly inspects all equipment to insure proper functioning; works with mechanics as needed in the maintenance and repair of all plant equipment; including pumps, stationary and mobile machinery, engines and motors. Keeps maintenance records, requisitions parts and supplies; and makes estimates of repairs and replacement costs. Performs work in accordance with the National Electric Code and Instrument Society of America Guidelines. Performs the duties of the Instrumentation Technician when necessary, and does related work as required.

Minimum Skill and Ability: Considerable knowledge of standard practices, methods, tools and materials used in the electrical and mechanical trades. Knowledge of general industrial maintenance operations' occupational hazards and proper safety practices. Ability to take appropriate safety precautions. Ability to understand and effectively present and follow oral and written instructions. Ability to understand and work with complicated blue prints, specifications, sketches, and manufacturers' literature. Ability to record and maintain work history and manage parts inventories utilizing a computerized maintenance system. Proficiency with Microsoft operating systems. Ability to establish and maintain effective working relations with co-workers and subordinates. Ability to plan organize, and inspect.

Experience and Training: Graduation from high school or vocational training school supplemented by at least five (5) years of progressively responsible, diversified mechanical and electrical maintenance and repair experience, two (2) years of which must have been on a journeyman's level; or an equivalent combination of training and experience. Must maintain a valid E-1 or E-2 Electrical License and a Connecticut driver's license.

Physical and Work Environment: Minimum physical effort generally required in performing duties under typical office conditions: climbing, reaching, bending, walking, pushing, pulling & stooping; ability to distinguish colors and hear normal conversations. Ability to lift heavy objects and be in good physical condition. Some physical exertion such as long periods of standing; walking over rough or difficult terrain; working in limited access areas, walking on building roofs, lifting of moderately heavy items weighing 25 pounds, and may require the occasional lifting of objects weighing in excess of 25 pounds. The work may require specific physical characteristics and abilities such as, heightened strength, mobility, and dexterity.

Union Affiliation: This is a full time position in the Hourly Employees Union Local 1303, Chapter 218 of Council #4. Starting salary based on experience within the bargaining unit range.