

Lewis & Clark Regional Water System

Position Description: Maintenance Mechanic

Position Status: Full-time, non-exempt

Description Updated: October 2023

530 on Factor Matrix, hourly rate \$25.15 – 35.08

Position Summary: Perform semi-skilled, skilled work in the inspection, maintenance and repair of specialized machinery, equipment and infrastructure of the water treatment plant facilities, source water and distribution systems.

Essential Functions and Responsibilities: Disassemble, repair, overhaul and reassemble operating parts of engines, pumps, motors, chemical feed systems and other equipment.

- A. Perform daily inspections and periodic maintenance on water tank equipment, wells, reservoirs and pumping station equipment and instrumentation.
- B. Perform a variety of electrical, plumbing, carpentry, HVAC, boiler, chiller and concrete work in connection with the maintenance and repair of water system buildings, equipment and machinery.
- C. Perform some building, grounds and vehicle maintenance.
- D. Monitor and maintain various plant machinery such as motors, boiler, chiller, pumps, valves, generators, HVAC systems and air compressors.
- E. Oil and grease machinery and related equipment.
- F. Maintain, repair and make improvements to pumps, valves, tanks, reservoirs and various specialized equipment such as clarifiers, filters, lime slakers, chlorine generators and chemical feed systems.
- G. Install water, air, chemical and electrical lines.
- H. Operate and perform routine maintenance and minor repairs on various light and heavy equipment such as trucks, cranes, forklifts, front-end loaders and blades.
- I. Perform acetylene and electrical welding and cutting, assemble, adapt, build and install specialized metal parts and devices.
- J. Perform general mechanical and electrical repair work, repair and replace pipes and fittings and maintain tools.

- K. Perform snow and ice control and removal procedures including plowing, sanding, spreading deicing chemicals, loading trucks, hauling snow and shoveling sidewalks.
- L. Perform other such duties and functions as are necessary or incidental to the proper performance of this position.

Physical Demands:

During construction the position will require the ability to be outside for much of the day, often in adverse weather conditions. During operation the position will mainly be inside but will often need to be outside for long periods of time.

During both construction and operation the position will require a great deal of talking, listening, walking, standing and sitting often for long periods of time. The employee will also need to stoop, squat, bend and frequently lift weights up to 50 pounds and occasionally up to 100 pounds. Specific vision abilities required by this position include close vision, distance vision, color vision, peripheral vision, depth perception and the ability to adjust focus.

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of the position. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Work Environment:

During construction the work environment will be noisy, loud and dirty. The weather conditions will at times be adverse, such as extreme cold, heat, rain and snow. During operations the work environment will be varied depending upon system demands with time spent in the wellfields, WTP and distribution system facilities. The employee will travel regularly within the service area with occasional overnight travel required. While performing the duties of this job, the employee regularly works other than normal business hours, including evening and weekend hours when necessary, including scheduled on call time.

Qualifications:

- A. Graduation from a high school or GED certification supplemented by two years related specialized education or vocational and equipment training and one years experience in the maintenance field or any such combination of education, experience and training as may be acceptable to the hiring authority.
- B. Willing to work varied schedules and rotating shifts to accommodate a 24-hour, seven day per week operation that may require working in confined spaces, elevated storage platforms, over open water and in extreme weather conditions and to be called in as necessary.
- C. Possession of a valid driver's license is required. May be asked to obtain, within 90 days of hire, a valid class B commercial drivers license with air brake endorsement.
- D. Must be willing to work weekends, evenings, holidays and overtime as required.

- E. Knowledge of the standard practices, methods, tools and materials of the mechanical trades.
- F. Skill in the use of bench and hand tools, machines and the equipment of mechanical trades.
- G. Knowledge of metal working, welding, machinist and related mechanical trade operations.
- H. Knowledge of electrical equipment and instrumentation.
- I. Knowledge of the occupational hazards connected with hazardous materials and general maintenance operations and the ability to take safety precautions.
- J. Ability to work from sketches and blueprints and to understand and carry out effectively oral and written instructions.
- K. Skill in the construction, assembly, installation and repair of machinery and equipment.
- L. Mechanical aptitude, manual dexterity and ability to perform heavy manual labor when required.
- M. Effective communication and listening skills.
- N. Ability to establish and maintain effective working relationships with plant employees, management and the public.

Note: The job description does not constitute an employment agreement between the employer and employee. It is subject to change by the employer as the need of the employer and requirements of the job change. The duties listed above are intended only as illustrations of the various types of work that may be performed. The omission of specific statements of duties does not exclude them from the position if the work is similar, related or a logical assignment to the position.