

NEVADA IRRIGATION DISTRICT

Job Description

Job Title:	Supervising Mechanical/Civil Foreman	Reports To:	Hydroelectric Maintenance Superintendent
Salary Range:	C17	Approved by Board of Directors:	03/09/2022
FLSA Status:	Non-exempt	Unit:	Supervisor
<p><i>Class specifications are intended to present a descriptive list of the range of duties performed by employees in the class. Specifications are not intended to reflect all duties performed within the job.</i></p>			

Definition

To plan, organize, direct and supervise staff responsible for maintaining the civil and mechanical equipment associated with the operation of hydroelectric facilities within the Hydroelectric Department; and to perform a variety of technical tasks relative to the installation, maintenance, troubleshooting and repair of turbine, pumps, canals, flumes, powerhouse governors associated with the District's hydroelectric facilities; and to provide administrative support to assigned supervisor.

Supervision Received and Exercised

Receives general direction from the Hydroelectric Maintenance Superintendent.

Exercises direct supervision over assigned technical personnel.

Essential Functions Statements

Essential and other important responsibilities and duties may include, but are not limited to, the following:

1. Recommend and assist in the implementation of goals and objectives; establish schedules and methods for installing, maintaining, troubleshooting, and repairing a wide variety of equipment within the hydroelectric facilities; implement policies and procedures.
2. Plan, prioritize, assign, supervise and review the work of staff involved in the installation, troubleshooting, repair and maintenance of the hydroelectric and automotive equipment.
3. Evaluate operations and activities of assigned responsibilities; recommend improvements and modifications; prepare various reports on operations and activities.
4. Participate in budget preparation and administration; prepare cost estimates for budget recommendations; submit justifications for equipment, materials and supplies; monitor and control expenditure.
5. Participate in the selection of staff; provide or coordinate staff training; work with employees to correct deficiencies; conduct performance evaluations; implement discipline procedures.
6. Coordinate annual maintenance testing of hydroelectric facilities and operations; maintain accurate records and documents for audit purposes.
7. Prepare and submit required operations and regulatory reports related to hydroelectric operations.
8. Plan and schedule maintenance operations for upper division waterways and facilities.
9. Plan, schedule and coordinate outages with District crews and other agencies.

10. Order materials, parts, equipment and supplies.
11. Participate in semi-annual and annual facility safety inspections.
12. Answer questions and provide information to the public; investigate complaints and recommend corrective action as necessary to resolve complaints.
13. Inspect, troubleshoot, repair and maintain a wide variety of mechanical and electrical equipment associated with the District's hydroelectric generation plants.
14. Perform large scale plumbing repairs and new installation.
15. Install hydraulic, mechanical, and electrical systems according to blueprints and drawing specifications.
16. Develop and maintain ongoing contact with outside agencies regarding the operation and maintenance of the hydroelectric generation plant.
17. Estimate time, materials and equipment required for assigned jobs; order equipment, materials and supplies necessary for the replacement and repair of equipment.
18. Perform the most difficult work related to the installation, maintenance, troubleshooting and repair of mechanical, hydraulic and electrical equipment associated with the operation of the hydroelectric generation plant.
19. Build and maintain positive working relationships with co-workers, other District employees and the public using principles of good customer service.
20. Perform related duties as assigned.

Qualifications

Knowledge of:

- Principles and practices associated with the installation, troubleshooting, repair and maintenance of hydroelectric facilities.
- Equipment, tools and materials used in maintaining hydroelectric facilities.
- Electrical and mechanical theory.
- Advanced mechanical, hydraulic and electrical troubleshooting and repair techniques and methods.
- Principles and practices of heavy equipment maintenance and operation.
- Principles and practices of effective customer service.
- Modern office equipment including use of applicable computer applications.
- Principles and practices of supervision, training and performance evaluations.
- Principles and practices of budget monitoring.
- Principles and practices of safety management.
- Pertinent local, State and Federal laws, ordinances and rules.

Ability to:

- Provide technical and functional supervision over assigned staff; effectively train staff.
- Perform the most complex duties associated with the maintenance, troubleshooting and repair of hydroelectric generation plant.
- Independently operate a variety of tools and heavy equipment in a safe manner.

- Accurately estimate time, materials, equipment and alternating factors to complete assigned work.
- Read a variety of technical documentation, schematics, blueprints and related documents.
- Respond quickly and calmly in emergency situations.
- Troubleshoot, isolate and make repairs to civil or mechanical equipment or facilities.
- Organize, implement and direct staff involved in maintenance activities related to Hydroelectric facilities.
- Interpret and explain pertinent Federal, State, local rules and regulations, and department policies and procedures.
- Perform the more complex mechanical and electrical maintenance and repair of hydroelectric facilities.
- Assist in the development and monitoring of an assigned program budget.
- Operate and use modern office equipment including a computer and applicable software.
- Develop and recommend policies and procedures related to assigned operations.
- Establish and maintain effective working relationships with those contacted in the course of work.
- Communicate clearly and concisely, both orally and in writing.
- Supervise, train, motivate, coach and evaluate assigned staff.

Responsibility to:

- Report any safety risks or hazards to management personnel.
- Report to management personnel any work assignment that you feel would require you to perform the work in an unsafe manner.
- Obey safe work practices, procedures, and regulations including wearing protective equipment and safety devices.
- Operate equipment in a careful and safe manner.
- Acknowledge the use of safeguards by other employees.
- Report any removal, displacement, damage, destruction, or tampering of safety devices, safeguards, notices or warnings.
- Report any safety risks or hazards to your supervisor or other management personnel.
- Report to your supervisor or other management personnel any work assignment that you feel would require you to perform the work in an unsafe manner.

Responsibility to ensure that all personnel under your supervision are:

- Obeying and promoting safe work practices.
- Properly trained in safe work practices and procedures.
- Utilizing proper protective equipment.
- Operating equipment properly.
- Acknowledging the use of safeguards by other employees.
- Reporting any removal, displacement, damage, destruction, or tampering of safety devices, safeguards, notices or warnings.
- Following OSHA regulations (OSHA requires that those in supervisory positions ensure subordinate personnel adhere to the appropriate safety procedures in performing all duties. Failure to provide proper supervision may result in civil and/or criminal sanctions for the District and the supervisor).

Experience and Education Guidelines

Any combination of experience and education that would likely provide the required knowledge and abilities is qualifying. A typical way to obtain the knowledge and abilities would be:

Experience:

Five years of increasingly responsible experience in the installation, maintenance and repair of equipment associated with the operation of hydroelectric facilities; including one year providing technical and functional supervision over assigned personnel.

Education:

Equivalent to completion of the twelfth grade supplemented by mechanical coursework, apprenticeship or certification.

License and Certificate:

Possession of a valid California Class A driver's license.
Possession of certification as a Certified Crane Operator.

Working Conditions

Environmental Conditions:

Work is normally performed in a temperature-controlled room environment subject to typical plant operation noise. Some duties require field visits in an outdoor environment subject to outdoor conditions including extreme heat and cold and wet, humid conditions, fumes and/or airborne particles. Duties may be performed near moving mechanical parts and on slippery and uneven surfaces with exposure to toxic or caustic chemicals and risk of electric shock.

Physical Conditions:

Essential functions may require maintaining physical condition necessary to sit at desk for long periods of time; intermittently twist to reach equipment surrounding desk; perform simple grasping and fine manipulation; use telephone, write or use a keyboard to communicate through written means; and lift or carry weight of 50 pounds or less.

Mental Conditions:

Essential functions may require maintaining mental condition necessary to know and understand all aspects of the job; intermittently analyze work papers, reports and special projects; identify and interpret technical and numerical information; observe and problem solve operational and technical policy and procedures; interpret and explain laws, regulations, codes, policies and procedures; observe performance and evaluate staff; handle conflict.