

**KINGSBURY GENERAL IMPROVEMENT DISTRICT
JOB DESCRIPTION
WATER TREATMENT/DISTRIBUTION OPERATOR
GRADE III**

DEFINITION: Under general supervision performs a variety of operating, maintenance and repair work on water system facilities and related equipment. This position is assigned a wide variety of duties involving the operation and maintenance of the water storage, pumping and distribution, and chemical feed systems. This position is expected to carry out operational and maintenance duties in accordance with applicable regulations and stated procedures and directions. This position reports to the Utility Operations Superintendent.

PRIMARY FUNCTIONS

- Inspects and performs maintenance on water system related piping, machinery, equipment and controls.
- Takes and records readings of gauges, meters, and charts.
- Reads, repairs, and installs various types of water meters.
- Performs basic water chemistry tests and takes water samples.
- Calibrates laboratory and analytical equipment used for water quality monitoring and testing.
- Adjusts chemical feed systems to ensure proper dose.
- Repairs, maintains, and installs various types and sizes of valves, including clay valves, PRV's, butterfly valves, gate valves, globe valves, and check valves.
- Operates telemetry and microcomputer systems.
- Operates and maintains ozone generators and related components.
- Repairs and installs fire hydrants and main water lines.
- Performs backflow and cross-connection control inspections when properly certified.
- Serves as the responsible person in charge of the water treatment and distribution systems operations and maintenance in the absence of the Utility Operations Superintendent in accordance with requirements of the Nevada Administrative Code.

ADDITIONAL FUNCTIONS

- Safely handles chemicals and chemical feed equipment systems for such chemicals as sodium hypochlorite, sodium bisulfate, hydrogen peroxide, chlorine and applicable laboratory chemicals including 75% nitric acid.
- Operates heavy equipment such as backhoes and dump trucks.
- Reads and interprets blueprints.
- Documents information in logbooks and on applicable forms.
- Performs plumbing, carpentry, welding and minor electrical repairs or trouble shooting.
- Performs heavy physical labor, which requires strength and agility.
- Responds to emergency situations during and after regular hours.
- Operates and maintains various types of tools and equipment such as: air compressor, jack hammer, portable pump, generator, welder, chain saw, cut-off saw, torch, power tools, pipe threaders, and compaction equipment.
- Performs limited construction inspection of contracted water projects.

- Assists in mapping the water distribution system.
- May be assigned to perform limited training and/or temporary supervisory duties.
- Performs other duties as assigned.

EMPLOYMENT STANDARDS

Education and Experience

Any combination of education and experience equivalent to completion of high school and three years' experience in water system operations and maintenance.

Knowledge and Skills

Knowledge of methods and tools used in the maintenance and repair of water and wastewater systems; ability to follow oral and written instructions, to communicate clearly and concisely orally and in writing, to work independently under only general supervision, to keep records and prepare reports, to make emergency repairs and/or adjustments on equipment and controls, and to establish and maintain cooperative relationships with co-workers and the public.

Physical Requirements

The duties of this job require regular use of hands and arms to finger, handle or feel and to use tools; talking and hearing to communicate; and taste and smell to detect airborne chemicals. The job requires frequent standing, walking, sitting, reaching with hands and arms, stooping, kneeling, and crouching. Vision abilities include close vision, distance vision, peripheral vision, depth perception and ability to adjust focus. The job occasionally requires climbing, crawling, or balancing. The employee must regularly lift and/or move up to 50 pounds and occasionally lift and/or move up to 100 pounds.

Some accommodation may be made for some of these physical demands for otherwise qualified individuals who require and request such accommodation.

Working Conditions

While performing the duties of this job, the employee is frequently working outdoors in varied weather conditions and temperatures, is exposed to noise, fumes, dust, and toxic chemicals, and is exposed to moving mechanical parts. The employee is occasionally required to work in confined spaces and is occasionally exposed to high, precarious places, risk of electrical shock and vibration. Noise level is usually moderate but may be loud.

Other Requirements

Workers in this classification may be required to work long hours and different shifts. Must be available for stand-by, callbacks and rotating weekend duty.

Licenses and Certificates

Grade III Water Treatment Certificate acceptable to the Nevada State Division Health and a Grade III Water Distribution Certification acceptable to the Nevada State Division of Health. Valid Nevada or California motor vehicle driver's license and good driving record.

