

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

DEFINITION: Under general supervision performs a variety of operating, maintenance, and repair work on water system facilities and related equipment.

DISTINGUISHING CHARACTERISTICS: Employees are assigned a wide variety of duties involving the operation and maintenance of the water storage, pumping and distribution, and chemical feed systems. Employees are expected to carry out operational and maintenance duties in accordance with applicable regulations and stated procedures and specific direction. This position reports to and is under the supervision of the Utility Operations Superintendent.

A Grade II Operator can only make changes to operational settings in both the water treatment and distribution system if first approved by the Operations Superintendent or a Grade III Operator.

ESSENTIAL DUTIES AND RESPONSIBILITIES: Not necessarily in order of priority, include the following. Other duties may be assigned.

- 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 (SCADA) systems.
- Operates and maintains water treatment systems and related components.
- Operates and maintains district water wells and related components.
- Repairs and installs fire hydrants and main water lines.
- Performs backflow and cross-connection control inspections when properly certified.
- 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, dump trucks, and loaders.
- 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, jackhammer, 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 traffic control, including flagging and setting up proper barricades and warning signs as directed

EMPLOYMENT STANDARDS

Education and Experience

Any combination of education and experience equivalent to completion of high school and two years experience in water, wastewater, plumbing or related fields.

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, emergency callbacks, and rotating weekend duty.

Licenses and Certificates

Valid motor vehicle driver's license and good driving record. Grade II Water Treatment and a Grade II Water Distribution Certificate acceptable to the Nevada Bureau of Safe Drinking Water.

