

**KENNEWICK IRRIGATION DISTRICT
JOB DESCRIPTION**

MECHANIC I

REPORTS TO: Operations Superintendent

DATE: June 2024

SPECIFIC RESPONSIBILITIES:

Water On Season- District Operations (April through October 31)

Directly supports the Operations Superintendent with District operations and maintenance activities in one or more of the following specific areas as directed:

1. Repair District vehicles and heavy equipment
2. Perform general maintenance on vehicles and heavy equipment such as lubrication, tire services, and component replacements
3. Maintain vehicles and heavy equipment service records
4. Order, stock and maintain the inventory of repair and replacement parts

Water Off Season-District Outage (November 1 through March 31)

Directly supports the Operations Superintendent with District maintenance and construction activities in one or more of the following specific areas as directed:

1. Repair District vehicles and heavy equipment
2. Perform general maintenance on vehicles and heavy equipment such as lubrication, tire services, and component replacements
3. Maintain vehicles and heavy equipment service records
4. Order, stock and maintain the inventory of repair and replacement parts

Each of these positions shall:

1. Complete their daily Operations assignment
2. As directed, assist the Operations Superintendent with the safe performance of the District's Operations activities
3. Perform maintenance on District vehicles and heavy equipment
4. Work scheduled weekend and holiday assignments during water on season when assigned
5. Emergency operations and maintenance call-out as necessary
6. Additionally, all Operations personnel may respond to seasonal peak workload overtime support the repair of canal leaks and breaks, operate District tools and equipment, and perform other general field operations and maintenance work as directed.
7. Work is performed with general oral and/or written instruction and with limited supervision

ESSENTIAL DUTIES:

1. Repair District vehicles and heavy equipment
2. Schedule and perform routine maintenance such as lubrications, filters, bulbs, and belts
3. Service and repair brake systems
4. Use mechanic's hand tools, diagnostic and test equipment
5. Frequently use a variety of power tools such as gas cutting torches, welders, soil compactors, concrete saws, impact wrenches, compressors, jack hammer, Saws-All, chain saws, brush mowers, weed cutters and other general power tools as necessary

6. Operate a variety of motorized equipment such as pickup trucks, boom trucks, dump trucks, vacuum truck, graders, dozers, backhoe, wheel loaders, excavators, and other heavy equipment as necessary
7. Maintains inventory of repair and replacement parts for vehicles, heavy equipment, and irrigation systems components
8. Ensure shop is maintained in a clean, neat, and orderly state
9. Ensure shop surrounding area grounds are maintained free of weeds, debris and is neat and orderly
10. Drive district owned equipment and vehicles as assigned
11. This is a safety sensitive position for which impairment while working presents a substantial risk of death.

Other Duties:

1. May apply pesticides to control vegetation growth
2. May burn weed growth throughout District canal systems both during the water on and off seasons
3. May respond to customer trouble calls within District and PSA systems regarding problems with the customer's water delivery
4. Perform other duties as assigned

KNOWLEDGE, SKILLS, AND ABILITIES:

Knowledge of:

1. Large and small gasoline and diesel engines
2. Vehicle and heavy equipment brake systems
3. Drive trains and associated components
4. Various other vehicle and equipment systems
5. Hydraulic pumps and principles
6. Automated, computerized inventory control systems and methods
7. Preventive and predictive maintenance programs
8. Piping systems and the common materials and components used for same
9. Proper use of personal protective equipment

Skills and Ability to:

1. Read line diagrams, blueprints and charts related to vehicle and heavy equipment systems
2. Identify, analyze, and appropriately correct abnormal conditions or situations in vehicles and heavy equipment
3. Maintain records and reports
4. Operate heavy equipment and dump trucks towing multi-axel loaded trailers
5. Operate personal computers using District software products
6. Communicate effectively in writing with legible handwriting
7. Communicate effectively orally on the telephone and two-way radio
8. Perform the physical requirements of the job
9. Ability to lift and carry up to 80 lbs
10. Establish and maintain effective working relationships with fellow employees

WORKING CONDITIONS:

1. This position is normally shop work with some field work as required
2. Exposure to petroleum products, extremes of weather, raw water, mud and/or dust at work sites, street traffic, equipment and other loud noises and pesticides

Job Analysis

	N	S	O	F	C	Notes
Climbing				X		Over pipes, down/up metal or wood stairs
Balancing					X	On uneven ground, on ladder
Stooping/Bending					X	On uneven ground; check meter reads, adjusting pumps/installing pumps/checking pump performance
Twisting Squatting/Kneeling					X	On uneven ground, paved/unpaved
Crawling				X		Over under pipes, motors, piping
Foot Controls			X			Vehicle, equipment
Lifting				X		Vault lids, small motors, hoses, inventory
Reaching Forward				X		Open door, adjusting motors; stocking.
Reaching Level				X		Cleaning equipment
Reaching Below Waist			X			Work on meter in meter box, close valve; pulling weeds off weed screens
Reaching Above Shoulder			X			Priming Pumps; Changing light bulb;
Handle/Grasp					X	Pitchfork; small hand tools
Fine Finger Manipulation					X	Tools, steering wheel, parts
Hand Controls		X				Vehicle/backhoe,
Repetitive Motion				X		Body Part: Cycles/hr
Vibratory Tasks			X			Vibration of power/hand tools
Pulling				X		Cleaning weed screens
Talking		X				With customers, peers
Hearing					X	With customers, peers
Visual					X	Light, dark, twilight, inside/outside; peering in; checking mirrors; looking for hazards
Environmental Conditions					X	In heat, cold, rain, snow, wind, light, dark
Exposure to Weather					X	Position works outside
Extreme Cold					X	Capital improvement projects
Extreme Heat				X		
Wet and or Humidity			X			Outside position
Proximity to moving mechanical parts				X		Amon Pump; other pumps, motorized weed screens
Noise Intensity – Loud			X			
Exposure to Heights			X			
Exposure to Electricity		X				
Exposure to Toxic/Caustic Chemicals			X			Need to be aware when chemical applications are made to canals
Exposure to Radiation	X					
Other						

Key:
N = Never
S = Seldom

O = Occasional
F = Frequent
C = Constant

LICENSES/CERTIFICATES:

1. Class-A Commercial Driver License
2. Valid Washington State Driver License
3. Obtain an ASE Brake Certification within six months of employment
4. Basic First Aid Certificate with CPR
5. Traffic Flagging Certificate
6. Pesticide Applicator's License preferred but not mandatory

REQUIREMENTS:

1. High School diploma or equivalent
2. An acceptable driving record in accordance with KID liability insurance guidelines
3. Three years vehicle and equipment servicing
4. Familiar with parts inventory controls and accountability

Approved: _____
Shane Leonard, District Manager

Date: 5/10/24

Date Board confirmed: June 4, 2024