

JOB DESCRIPTION FORM

Division/Department	Hydro and Irrigation
Location	Bertrand, Gothenburg, Holdrege
Job Title	Mechanic
Reports To	Irrigation Superintendent/Irrigation Operations Supervisor (Bertrand/Holdrege) Supply Canal Maintenance Superintendent/Supply Canal Operations Supervisor (Gothenburg)

Control point: Level I <u>6(5)</u> Level II <u>9(5)</u> Level III <u>10(5)</u>	Type of position: <input checked="" type="checkbox"/> Full-time <input type="checkbox"/> Part-time	Hours <u>40</u> / week <input type="checkbox"/> Exempt <input checked="" type="checkbox"/> Nonexempt
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POSITION DESCRIPTION

Level I - Responsible for repair and maintenance of District automobiles, trucks and other gasoline engines, including light and medium equipment. Assist in the preparation of cost estimates for repair or replacement of major component parts or complete units.

Level II - In addition, will perform and be responsible for repair and maintenance of diesel engines and heavy construction equipment. Perform long-range planning of major repair and overhaul scheduling of engines.

Level III – In addition, will perform and be responsible for highly technical metal repair, fabrication, refurbishment, fabrication of parts and repair of equipment or structures as directed.

EDUCATION AND EXPERIENCE

Level I

- High school degree or equivalent education
- Must be capable of performing repairs and major overhaul of small and large gasoline combustion engines
- Knowledge of fuel injectors, engine wiring, hydraulic systems, power trains, test equipment, parts catalogues, manuals and schematic drawings
- Knowledge of gas, electric and wire welding and brazing techniques
- Maintain a valid Nebraska driver's license

Level II (in addition to Level I)

- Must be capable of performing repairs and major overhaul of diesel engines, turbo-chargers and associated equipment.
- Understand and perform electronic diagnosis of District equipment

- Be proficient in and use MS Office products and internet search programs in maintenance record keeping and assisting procuring cost effective repair parts and services.

Level III (in addition to Level II)

- Performs highly technical repairs and fabricates parts for District equipment or structures.
- Capable in the use of a wide variety of diagnostic, manufacturing and fabrication tools in the repair and maintenance of District equipment and structures.
- Possesses highly technical skills in metal working equipment and welders and utilizes it in the repair and maintenance of District equipment and structures.

ESSENTIAL JOB FUNCTIONS

Level I

- Operate engine test equipment and tools, repair District combustion engines and field equipment
- Operate welders, drills, grinders, steam and jet cleaners, etc.
- Evaluate and analyze reading of test equipment and results of oil sampling/testing program
- Maintain repair records on all District equipment
- Assist in and/or purchase parts and prepare local purchase orders; make minor purchases
- Responsible for the work performance of other personnel assisting in the work and of safety and housekeeping around the shop
- Perform other duties as assigned

Level II

- Understanding of diesel motors, turbo chargers and heavy construction equipment repair and maintenance
- Use computer systems to evaluate motors, research and recommend part ordering and maintain maintenance records

Level III

- Possess various welding or metal fabrication certifications or have equivalent experience/capabilities
- Operate metal lathes, drills, presses and grinders.
- Work in the field subject to adverse weather and other hazards

LIVING REQUIREMENTS

- Within 40 miles of employee's base

WORK ENVIRONMENT

- Natural work hazards associated with working around water, equipment, excavations and field construction
- Occasional unusual working hours primarily due to emergencies
- Mild work stress associated with time pressures, emergency situations, and/or changes in work priorities
- Available on an infrequent basis for emergency call-outs
- Strong physical, emotional, and mental stamina required to work long hours under harsh working conditions

PHYSICAL ACTIVITY REQUIRED

LIFTING	Never	Occ	Freq	Cont
10 lbs			x	
11-15 lbs			x	
26-50 lbs			x	
51-75 lbs			x	
76-100 lbs			x	
+100 lbs		x		

SEEING	Never	Occ	Freq	Cont
Near Vision			x	
Far Vision			x	
Color Vision			x	

VERBAL COMMUNICATION			x	
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REACHING	Never	Occ	Freq	Cont
Out			x	
Overhead			x	
Low (below knees)			x	

CLIMBING	Never	Occ	Freq	Cont
Stairs			x	
Ladder			x	
Other		x		

AGILITY	Never	Occ	Freq	Cont
Balancing			x	
Bending Over			x	
Carrying			x	
Crawling			x	
Eye/Hand/Foot Coordination			x	
Grasping			x	
Kneeling			x	
Pulling			x	
Pushing			x	
Sitting		x		
Standing			x	

REVIEWED BY	Personnel Committee & General Manager	Date
APPROVED BY		Title General Manager
DATE APPROVED	12/23/24	
REVISED DATE		