

**KENNEWICK IRRIGATION DISTRICT  
JOB DESCRIPTION**

**Temporary System Electrician**

**REPORTS TO:** Assistant Operations Manager  
**DATE:** September 2017

**GENERAL SUMMARY:** Directly supports the Operations Leads with maintaining, repairing, modifying and installing of electronic components in one or more of the following specific areas as directed: installing or maintaining of electrical wires and equipment that are used for light, heat, or power and maintaining remote control, signaling, power limited, or communication circuits or systems, ensure compliance with the current National Electric Code, HVAC related work and assists other employees as needed; and performs related work on weekends and overtime as required.

**ESSENTIAL DUTIES**

1. General understanding and ability to read blueprints and sketches.
2. Assist with measurements and calculations to determine materials needed.
3. Ability to work with electrical components and other materials according to plans.
4. Ability to install wiring and electrical components using raw materials or pre-constructed items.
5. Ability to modify or install HVAC components.
6. Assist with the installation or troubleshooting of electrical components in the field.
7. Frequently use hand tools.
8. Frequently use a variety of power tools.
9. Drive District vehicles in the course of duties.
10. Perform all other duties as assigned.

**EXPERIENCE/EDUCATION**

1. High School Diploma or equivalent
2. Washington State valid electrician certificate (preferred)
3. Washington State certified general journey level or specialty electrician (preferred)

**LICENSES/CERTIFICATES:**

1. Washington State Personal Drivers License
2. First Aid Certification

**REQUIREMENTS:**

1. An acceptable Washington State vehicle driving record

**KNOWLEDGE, SKILLS AND ABILITIES**

1. Washington State safety standards and requirements related to electrical work
2. Proven experience as an electrician
3. Proven experience with electrical components
4. Ability to read technical documents and drawings
5. Knowledge of electrical permit process and compliance procedures
6. Willingness to follow safety guidelines at all times
7. Effective written communication, legible hand writing
8. Effectively oral communication on a telephone and two way radio
9. Able to perform the physical requirements of the job and to lift and carry up to 80 lbs
10. Able to establish and maintain effective working relationships with fellow employees

**WORKING CONDITIONS**

1. This position is normally field work with some shop work as required.
2. Exposure to pesticides, petroleum products, extremes of weather, raw water, mud dust at work sites, street traffic, water born algae and weeds

**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, logging equip. checks
Twisting Squatting/Kneeling					X	On uneven ground, paved/unpaved
Crawling				X		Over under pipes, motors
Foot Controls			X			Vehicle, equipment
Lifting				X		Vault lids, small motors, hoses,
Reaching Forward			X			Open door,
Reaching Level			X			
Reaching Below Waist			X			Work on meter in meter box, close valve;
Reaching Above Shoulder				X		Priming Pumps; Changing light bulb;
Handle/Grasp					X	
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

	N	S	O	F	C	Notes
Visual					X	Light, dark, twilight, inside/outside; peering in; checking mirrors; looking for hazards
<b>Environmental Conditions</b>						
Exposure to Weather					X	
Extreme Cold					X	
Extreme Heat		X				
Wet and or Humidity			X			
Proximity to moving mechanical parts				X		
Noise Intensity – Loud				X		
Exposure to Heights				X		
Exposure to Electricity					X	
Exposure to Toxic/Caustic Chemicals			X			
Exposure to Radiation	X					
Other						

Key:

N = Never

S = Seldom

O = Occasional

F = Frequent

C = Constant

Approved:

*Charles Freeman*

Charles Freeman, District Manager

Date: 9/5/17

Date Board confirmed: September 5, 2017