



WEBER BASIN WATER CONSERVANCY DISTRICT

ELECTRICIAN I

Department: Water Supply & Power

Safety-sensitive

Regular Full-time (FT40)

Non-exempt / Hourly

Grade 6

M-F 8:00 a.m. – 4:30 p.m.

JOB SUMMARY

Under the supervision of a higher-level electrician, assists in the installation and maintenance of the District's electrical facilities.

This position may advance to Electrician II (Grade 7), Electrician III (Grade 8), and Electrician IV (Grade 9) upon manager recommendation and approval, positive performance reviews, and completion of additional requirements listed [below](#).

This position is classified as safety sensitive and is subject to random drug testing.

ESSENTIAL JOB FUNCTIONS (Not necessarily a comprehensive list.)

- Performs District electrical inspections and installations.
- Assists in maintaining electrical equipment at treatment plants, wells, pump stations, District buildings, power plants, etc.
- Checks mechanical parts in the circuit breakers, voltage regulators and transformers.
- Repairs pumps and motors.
- Connects or disconnects transformers, cutouts, electric meters, etc.
- Uses a variety of tools and equipment in work performance including hot-line tools and voltage and current test equipment.
- Upholds and exhibits the District's core values (collaboration, ownership, mutual respect, professionalism, appreciation, safety, and sustainability).

OTHER JOB FUNCTIONS (Not necessarily a comprehensive list.)

- May assist in performing SCADA repairs and installations.
- Participates in the District safety program.
- Performs other duties as assigned.

NOTE: These duties are subject to change depending on District needs and the individual in this position may be required to perform other jobs. Any of the herein stated requirements and conditions are subject to approval and/or waiver by the General Manager. The regular work

schedule is subject to change depending on the District needs for this position.

MINIMUM QUALIFICATIONS (The education and experience requirements for this job may be satisfied by any acceptable equivalent combination of education and experience.)

Education: High school graduation or equivalent is required. Some college courses would be beneficial. Advanced training and sufficient experience to obtain a Journeyman Electrician license will be required.

Experience: Must have experience as an electrician.

Knowledge: Considerable knowledge of procedures dealing with low(<480 volts), medium (2,400-4,160 volts) and high (>12,500 volts) voltage electricity. Considerable knowledge of proper methods for repairing and maintaining electrical systems. Considerable knowledge of the hazards of electrical facilities. Knowledge of the steps necessary to ensure proper safety.

Skills: Skilled in installing conduit. Skilled in the operation and maintenance of low, medium and high voltage electrical facilities (medium and high voltage experience not required, but preferred). Skilled in relations with contractors, vendors, etc. Skilled in troubleshooting electrical issues.

Abilities: Ability to read plans, blueprints, and specifications. Must have ability to work well with little or no supervision. Must have a valid driver license. Must be able to work any hours as this position will be part of an on-call rotation. Must be able to operate assigned equipment under varying conditions. Must have ability to learn and follow safety practices and procedures common to electrical equipment. Must have ability to follow written and oral instructions; ability to communicate effectively – both orally and in writing; ability to perform physical work in a variety of weather conditions; ability to deal diplomatically and tactfully with water users and the general public; ability to work effectively with other District personnel.

Special Qualifications: A Journeyman Commercial license is preferred upon hire and required within one year of hire. Obtaining a Master Commercial license is encouraged. Both Journeyman and Master licenses must be in accordance with Utah DOPL rules that allow work in Utah.

Must have and maintain a valid driver's license and an acceptable driving record per District policy.

WORKING CONDITIONS

Work Environment: Operates both outdoors and indoors. The work may be physically strenuous at times, requiring repeated bending and sometimes the lifting of heavy objects. When working outdoors, electricians may often have to deal with inclement weather as well. Are often exposed to very hot or very cold temperatures. This depends on the time of year they

are working outside. Are often exposed to hazardous conditions, equipment, and situations. Often exposed to moderate noise levels. Often exposed to very bright or inadequate lighting conditions. May work in high places, climb ladders, and work from roofs and scaffolding. May need to get into awkward positions when working in cramped workspaces.

Physical Demands: The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. While performing the duties of this job, the employee is regularly required to: sit and stand and perform repetitive use of hands and arms, concentrate on tasks, and remember names and details.

The employee is frequently required to: talk, hear, drive, stand, and reach with arms or hands, use effective verbal communication, think analytically, adjust to changes, and make decisions. The employee is occasionally required to: walk, bend, grasp, push, kneel, crouch, crawl, use hand/eye coordination, climb or balance.

The employee must lift or carry weight as follows:

Regularly: 5 pounds or less
Occasionally: up to 50 pounds
Rarely: more than 50 pounds

Specific vision abilities include: Three-dimensional vision or the ability to judge distance and space relationships. Ability to identify and distinguish colors, adjust the eye to bring an object into sharp focus and to see up and down or to the right or left while fixed on a point.

CAREER ADVANCEMENT

[Electrician II Additional Requirements – Grade 7](#)

At least one year of experience as a licensed Journeyman Commercial electrician is required. License must be in accordance with Utah DOPL rules that allow work in Utah.

[Electrician III Additional Requirements – Grade 8](#)

Journeyman commercial electrician license and four years of experience as an electrician with the District or a Master electrician commercial license with under four years of experience as an electrician with the District. License must be in accordance with Utah DOPL rules that allow work in Utah.

[Electrician IV Additional Requirements – Grade 9](#)

Master electrician commercial license and four years of experience as an electrician with the District. License must be in accordance with Utah DOPL rules that allow work in Utah.

HIRING POLICIES

The District provides equal opportunity to all employees and applicants for employment without regard to race, color, national origin, religion, sex, age, disability, sexual orientation or any other category protected by applicable law. Weber Basin Water Conservancy District will not refuse to hire a disabled individual who is capable of performing the essential requirements of the position with reasonable accommodations when they do not create an undue hardship.

Any applicant who is chosen as the top candidate for the position will be required to submit to and pass a background, motor vehicle records check, and taking a physical exam. Hiring is also conditioned upon and submission to and successfully passing of a urine test to screen for the presence of drugs and alcohol.