

ELECTRICIAN (PARKS)

MERCED IRRIGATION DISTRICT ELECTRICIAN (PARKS)

FLSA STATUS – Non-Exempt
Bargaining Unit – IBEW, Local 1245
Classification Level – Per IBEW Wage Schedule

DEFINITION

Under general supervision, participate in the installation, repair, and maintenance of electrical systems and wiring. Perform maintenance, repairs and installations including skilled and semi-skilled carpentry, plumbing and other repairs in and on District buildings and facilities, both indoors and outdoors. Generally related but not limited to the MID parks, campgrounds and marinas recreation areas and operations. Perform related work as required throughout the MID.

ESSENTIAL FUNCTIONS OF THE POSITION:

- Install and repair electrical equipment at job sites and facilities (revamp electrical systems when needed), and make related other repairs as needed.
- Repair or replace deep well turbines, and various wastewater and other lift-stations and booster pumps and systems.
- Replace or repair indoor and outdoor plumbing and make related other repairs within District facilities.
- Trouble shoot pumps, motors and electrical systems and equipment without direct supervision.
- Test and evaluate indoor and outdoor electrical wiring, breakers, receptacles, meters, panels, and other related electrical system components, and make necessary repairs and renovations.
- To assist fellow employees on the job.
- Keep detailed records of job sites, scope of work and repairs and parts and materials used.
- Use cutting torch welder, and other required tools in a proficient manner.
- Straighten and repair shafts and replace bearings as needed.
- Take care of tools and equipment.
- Follow oral and written instructions.
- Use independent judgment and initiative.
- Test pumping of new and redrilled wells.
- Clean old wells with bailer or blow pipe and compressor.
- Respond to emergency situations.
- Perform plumbing tasks as needed.
- Work overtime as may be required.

QUALIFICATIONS

Knowledge of:

- General construction and maintenance materials, procedures, and equipment.
- Vast knowledge of 480V 3 Phase, 230V 3 Phase, and 110V single phase electrical circuits.
- Electrical testing equipment (ohm, amp, voltage and insulation testers).
- Wire circuit and panel sizing.
- PG&E, National Electric Code (NEC) and other requirements for RV Park, Campground, and Marina service.
- Basic pump fundamentals.
- Pipe sizes including thread sizes of column, tube and shaft.
- Safe work practices relating to the above.

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Ability to:

- Operate proficiently and safely the particular types of equipment assigned.
- Perform daily inspections with required paperwork filled out of assigned equipment to ensure safe operation.
- Perform skilled and semi-skilled construction, repairs and maintenance work.
- Understand and carry out oral and written directions.
- Establish and maintain cooperative relationships with those contacted in the course of work.
- Accomplish work with a high degree of competence and neatness.

EDUCATION AND EXPERIENCE:

EDUCATION

Any combination of education and experience equivalent to graduation from high school.

EXPERIENCE

Two (2) years of increasingly responsible experience in the operation of electrical system and construction repair.

NECESSARY SPECIAL REQUIREMENT

- Possession of a Valid State of California Electrical Contractors License or other appropriate qualifying certification or license
- Possession of Class C California Driver's License.
- A Department of Motor Vehicles "Driver Record Information" print-out will be required at time of hire and throughout employment. Must be enrolled in District's DMV pull-notice program.

TYPICAL PHYSICAL DEMANDS:

The physical and mental demands of this position are described below. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions of the position.

- Operate District vehicles and equipment to perform job.
- Must be able to push, pull, reach, and lift equipment and parts weighing up to fifty (50) pounds.
- Stoops, kneels, crouches, crawls, and climbs during field maintenance and repair work.
- Works in an environment with exposure to dust, dirt, and/or weed abatement chemicals, and significant temperature changes between heat and cold.
- Fine manipulation with hands to work on electrical system.
- Communicates orally with District staff in face-to-face, one-to-one settings.
- Regularly uses a telephone and radio for communication.
- May sit or stand and walk on uneven terrain for extended time periods.
- Sufficient hearing, vision, and eye-hand coordination to maintain good awareness during maintenance and construction jobs.

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Sitting:	Remains in a seated position for up to eight (8) hours per day.
Standing:	Remains in a standing position for up to eight (8) hours per day.
Hands/Arms:	Operates equipment for up to eight (8) hours per day
Lifting:	Raises and lowers supplies and equipment up to fifty (50) pounds.
Stooping:	Bends body downward and forward by bending at the knees or waist
Talking:	Expresses ideas and shares information by means of spoken work in person and by telephone.
Hearing:	Hears well enough to receive communications in person and by telephone.
Vision:	Operates vehicles and office equipment.

ENVIRONMENTAL FACTORS:

- Exposure to the sun: 90% or less work time spent outside a building and exposed to the sun.
- Work hours: Per the Memorandum of Understanding (MOU).
- Work performed in an outside environment with exposure to dust, dirt and significant temperature changes between heat and cold.

ESSENTIAL MENTAL ABILITIES:

- Exercise independent judgment.
- Self directing and organized.
- Reason objectively.
- Assess, project and plan work activities on a daily and weekly basis.
- Document concisely, accurately and timely.