MORENO VALLEY UNIFIED SCHOOL DISTRICT
Human Resources Division

I. Position Title
   Electrician II

II. Position Description
   Under general supervision, to perform skilled electrical work in the repair, alteration, construction, installation, and maintenance of electrical systems and equipment. A major portion of the time of positions in this class is spent in performing skilled electrical work. Incumbents regularly carry out a wide range of general maintenance work outside the electrical trade. As assigned, positions are expected to perform tasks in other maintenance trades at a skilled, semiskilled, or unskilled level as a helper or independently and do related work as may be required.

III. Examples of Duties/Responsibilities
   A. Inspects, repairs, installs, tests, services, and maintains all electrical systems – E
   B. Troubleshoots electrical problems – E
   C. Installs interior and exterior wiring for equipment and appliances – E
   D. Wires new and altered facilities – E
   E. Replaces fuses, assembles and repairs lighting fixtures and field lighting systems – E
   F. Assists in the inspection, repair, maintenance, and servicing of refrigeration and air conditioning equipment - E
   G. Installs, replaces, or repairs fans, motors, filters, belts, fuses, controls, thermostats, switches, and gauges – E
   H. Connects motor to control panels and control panels to power - E
   I. Works from verbal instructions, technical manuals, electrical blueprints, sketches, and work orders – E
   J. Plans and lays out assigned tasks - E
   K. Keeps time, labor, and material records – E
   L. Assists in other maintenance areas by performing skilled, semiskilled, and unskilled duties– E
   M. May direct the work of helpers
   N. Drives a District vehicle to and from various work sites – E
   O. Maintains gas, oil, and water in assigned vehicles – E
   P. Operate computers and assign software to centrally control various lighting systems throughout the District – E
   Q. Performs related duties as assigned may be required

(E) - Essential
IV. Minimum Qualifications

Knowledge of:
• Standard practices, materials, and methods of the electrical trade
• Design, construction, installation, and maintenance of electrical apparatus and equipment
• Appropriate electrical codes
• Appropriate safety precautions and procedures
• Energy Management Systems and interior lighting controls

Ability to:
• Perform skilled electrical work
• Perform and/or learn to perform a wide range of general maintenance and repair work outside of the electrical trade
• Use tools and equipment in making electrical repairs skillfully
• Plan and lay out electrical work including estimating labor and material costs
• Work from wiring diagrams, electrical blueprints, plans, and specifications
• Maintain records
• Read and interpret technical manuals related to electrical repair and installation
• Operate District vehicles
• Perform work safely
• Apply shop math
• Understand and carry out oral and written directions
• Learn and utilize new and current technologies
• Establish and maintain cooperative working relationships
• Respond to emergency calls at night or on weekends
• Operate industry standard equipment
• Wear required fire retardant personal protective equipment/clothing

Education and Experience:

• Education: Graduation from high school or equivalent.
• Experience: Three (3) years of journeyman level experience as an electrician, or two (2) years of experience as a maintenance worker in the Moreno Valley Unified School District with substantial responsibilities and skills assigned to the electrical service section or in an area in which the incumbent has acquired competence in this trade.

License:
• Possession of a valid California Driver’s License and driving record insurable to District standards
Working Conditions:

Environment:

- Office environment/school campus environment
- Periodic work in equipment room/cramped spaces
- Indoor and outdoor environment
- Subject to driving to various District sites to conduct work
- Exposure to adverse weather conditions

Physical Abilities:

- Medium work – lifting, carrying, pushing and/or pulling up to approximately 50 pounds with frequent lifting and/or carrying of objects weighing up to 25 pounds.
- May require occasional heavier work, lifting, carrying, pushing, and/or pulling up to approximately 100 pounds
- Working at various heights - climbing, working on scaffolding and ladders
- Dexterity of hands and fingers to operate specialized hand and power tools
- Reaching overhead, above the shoulders, and horizontally
- Bending, twisting at the waist
- Standing and walking for extended periods of time
- Squatting, kneeling, crawling, lie on back
- Grip and grasp power tools, supplies, and equipment
- Hearing and speaking to exchange information
- Visual acuity to observe and perform repairs and read manuals

Hazards:

- Exposure to live electrical voltages
- Working on ladders or scaffolding at heights
- Working in a cramped or restrictive work space
- Working around and with machinery having high speed moving parts
- Exposure to noise from equipment operation
- Exposure to possible arc flash

Updated/Revised:
CSEA Negotiations: 09/30/11
Board Acknowledgment: 11/15/11
CSEA Negotiations: 11/16/18
Board Approved: 03/05/19