MERCED IRRIGATION DISTRICT
JOURNEY LINEWORKER

FLSA STATUS – Non-Exempt
Bargaining Unit – IBEW, Local 1245
Classification Level – TBD

DEFINITION

Under general direction of the Lineman Foreperson, perform construction and maintenance on all overhead, underground and sub-surface electric transmission/distribution system components and equipment.

ESSENTIAL FUNCTIONS OF THE POSITION

- Construct and maintain overhead and underground distribution circuits, transmission circuits and substations.
- Climbs/sets poles, towers and work at various heights above the ground installing and replacing electrical lines and associated hardware and equipment.
- May perform "hot" energized work using rubber gloves or hot-sticks.
- Install and connect equipment to electrical lines such as transformers, switches, cutouts, capacitors, lightning arresters, streetlights, etc.
- Install poles, anchors, crossarms, insulators, and strings wire.
- Install, repair and maintain overhead and underground electric plant; including poles, anchors, cross-arms, insulators, vaults, transformers, capacitors, reclosers, switches, wire, etc.
- Regularly operate presses, gas monitoring and ventilating equipment.
- Terminate cable systems on poles, transformers, switching equipment and in vaults.
- Install substation equipment such as transformers, circuit breakers, disconnects, buswork, etc.
- Install services from poles, service boxes or transformers in customer faciltiies.
- Perform a variety of skilled tasks associated with the construction, maintenance, and repair of electrical distribution/transmission lines including digging holes, setting poles, installing pole cross arms and fixtures, stringing wire, installing transformers and meter equipment and installing and terminating underground cables and associated hardware
- Respond to service calls concerning power outages and electrical programs; investigate complaints, arrange for planned outages and identify locations of underground facilities.
- Perform a variety of skilled tasks associated with the construction, maintenance, and repair of streetlights.
- Connect and disconnect services.
- Troubleshoot and test individual customer services.
- Reconstruct existing overhead and underground distribution lines.
- Perform testing, phasing and energizes of new and reconstructed circuits.
- Perform maintenance functions such as inspections, pole testing, cleaning of vaults and enclosures and necessary repairs and corrections.
- Trim trees to maintain clearance around wires.
- Diagnose, locate and clear trouble on primary and secondary overhead and underground lines and street lighting systems.

- Maintain good housekeeping on the job, around the yard and on the vehicles.
- Perform traffic control functions.
- Participate in switching operations of the electric system and obtain loading data for system studies.
- Perform many of the above functions on energized lines, utilizing appropriate hot line tools.
- Maintain tools and equipment in clean and workable condition and assure that all tools are returned to the proper place after each use.
- May supervise and train Apprentice Electrical Lineworkers.
- May be trained to obtain certification and perform Underground Service Alert functions.

KNOWLEDGE AND ABILITIES

Knowledge of:

- Knowledge of electric utility operations, services and activities of a comprehensive electrical program, including electrical principles, methods, materials, tools, and equipment used in the installation and maintenance of transmission and distribution systems.
- Safe handling of traffic in a construction zone.
- Principles, methods, tools and equipment used in the installation and maintenance of poles, towers, substructures, conductors, cables, transformers, regulators, capacitors, services, meters, lighting fixtures, and all associated equipment.
- Terminology and mathematics associated with department functions.
- Basic electrical and mechanical theory.
- California General Orders 95 and 128, applicable OSHA regulations, NEC and District rules.
- Principles and procedures of record keeping and report preparation.
- Occupational hazards and standard safety practices.
- Fundamental safety regulations, first aid and methods of applying resuscitation.

Ability to:

- Work with various computer software, including Microsoft Suite and the District's work order system(s).
- Ability to observe safety rules
- Perform heavy physical work; work at heights, work in adverse climatic conditions.
- Use tools and equipment effectively.
- Work as a crew member or alone.
- Communicate clearly and concisely both orally and written.
- Work cooperatively with public and fellow employees.
- Work proficiently with hot line tools, i.e. sticks, under energized conditions on overhead and underground systems.
- Work in confined spaces with energized high-voltage equipment.
- Read and interpret plans.
- Follows oral and written instructions;

NECESSARY SPECIAL REQUIREMENTS:

- Possession of a valid California Driver's License Class A or B.
- 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.
- Recognized status as a Journey level Electrical Lineworker.
- Possession of a valid California Class A driver's license.
- Rubber-Glove certification.
- Pole-Top and Bucket rescue training.

EDUCATION AND EXPERIENCE:

Any combination equivalent to education and experience that would likely provide the required knowledge and abilities would be qualifying. A typical combination is:

Education:

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

Experience:

Possession of recognized journey level Electric Lineworker status, typically obtained as follows:
- Three and one-half (3-1/2) years training/experience in line work and successful completion of the journey level Electric Lineman examination administered by the I.B.E.W. or equivalent;

--OR--

- Minimum of five (5) years experience in line work and successful petitioning for journey level Electric Lineman status with I.B.E.W.;

--OR--

- Certification from California-Nevada Joint Apprenticeship Committee that applicant has passed the apprenticeship and examination for journey level Electric Lineman;

--OR--

- Possession of journey level Electric Lineman status granted by the I.B.E.W. or equivalent.

SUCCESSFUL COMPLETION OF THE FOLLOWING TRAINING:
- Certification of Hazardous Waste Operations and Emergency Response (HAZWOPER) 29 CFR 1910.120 (40 hours).
- Forklift certification.
- Eight (8) hours Department of Transportation manifesting and labeling training.
- Control of Hazardous Energy.
- Eight (8) hours of annual HAZWOPER refresher training in compliance with mandated regulations.
- Annual cardiac pulmonary resuscitation and first aid training and certification.
- May be trained to obtain qualified worker certification for underground locators as defined by the State of California.

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:

- Travels regularly by vehicle in inspecting District facilities and conducting field operations.
- Works in an outdoor environment.
- Working at heights, confined spaces and with live electricity.
- Stoops, kneels, crouches, crawls and climbs as required during performance of duties.
- Communicates orally with District management, co-workers and the public in face-to-face, one-on-one and group settings.
- Regularly uses a telephone and radio for communication.
- Uses office equipment such as computer terminals, copiers and FAX machines.
- Walks on uneven terrain, outdoors in all weather conditions.
- Hearing and vision within normal ranges.

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 vehicles and equipment for up to eight (8) hours per day
Lifting:	Raises and lowers supplies and equipment up to twenty-five (25) 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.
- Irregular or extended 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.