TITLE: Maintenance Worker/Equipment Operator               SRN: 24

SECTION: Electrical/Mechanical                       DEPARTMENT: Trades

REPORTING RELATIONSHIP:

Reports to: Electrical Mechanical Supervisor

Supervises the following positions: Not applicable

DEFINITION:
The primary duty under immediate supervision is to perform a variety of mechanical maintenance work for the purpose of assisting in the installation, maintenance of pumps, motors, gear drives, air compressors and other mechanical related appurtenance that are part of the District’s pumping facilities. On occasions, operate diesel/gas powered driven equipment such as cranes, backhoes, excavators and other equipment.

ESSENTIAL FUNCTIONS:

1. Oils and greases moving parts, such as pump and motor bearings, etc. This will include periodic oil changes.

2. Clean, sandblast, paints and provides general clean up of pumping plants.

3. Assist in performance testing of pumps and motors.

4. Lifts, positions and fastens objects, such as motors, pumps, piping and other mechanical related materials.

5. Performs minor repairs to bearings, bushings, pump packing, belt replacement and other mechanical related items. This will also include utilizing tools to assist in the fabrication of various pump related items.

6. Enters confined spaces to perform work following the laws and regulations, associated with entry to confined spaces.

7. Observes mechanical devices in operation and listen to their sound to locate causes of trouble. Disassemble devices to gain access to and remove defective parts. Start devices to test their performance.

8. Reads and understand manufacturer's diagrams, and implement written or oral instructions and directions.
9. Gather tools and supplies to be used at the work site. Maintains tools and equipment and keeps supplies and parts in order. Cleans work area, machines, tools and equipment.

10. Operates diesel or gasoline powered earth moving and trenching equipment such as tractors, loaders, backhoes, and trucks

11. Uses and changes equipment attachments to perform excavating, earth moving, loading, leveling, and backfilling assignments.

12. Excavates for conduit installation, electrical building slabs, service lines, and other excavations as assigned and insures all underground utilities are located before excavating.

13. Cleans, maintains, and makes minor repairs to assigned equipment.

14. Performs heavy and semiskilled maintenance, construction and labor work when the nature of the job does not require constant equipment operations

MINIMUM QUALIFICATIONS:

License or Certificates: Valid Class A California Operators license with endorsements issued by the State Department of Motor Vehicles. Department of Motor Vehicles driving record may influence employment or classification. Posses or obtain within twenty four months the certification for large telescopic cranes from the National Commission for the Certification of Crane Operators.

Experience:
Any combination of training and experience which would likely provide the required knowledge and abilities would be qualifying. A typical way to gain the required knowledge and abilities would be to have a minimum of one successful year in the mechanical or electrical field and one year experience in either the operation of light earth moving equipment or operation of mobile cranes.

Knowledge of:
Basic mechanical or electrical theories and practices.
Use and functions of light and heavy power-driven equipment used in the Districts maintenance and construction activities.
Operating characteristics, maintenance requirements, and basic repair of power driven equipment including dozers, mobile cranes, backhoes, loaders, and trucks.
Methods, materials, and practices utilized in the District’s maintenance and construction activities.
Knowledge on the use and purposes of common hand tools.
Safe working practices.
 Abilities:
Comprehend operation of a variety of mechanical equipment from manufacture diagrams and observation.
Work safely in and around energized electrical and/or mechanical equipment.
Follows written and oral directions.
Comprehend and adhere to all District policies and procedures.
Uses hand and power tools in a safe manner.
Maintain accurate daily logs, records, reports and charts.
Cooperatively work with others.
Perform a variety of excavating, earthmoving, backfilling trenching, clearing and lifting.
Ability to use safety equipment and a self contained breathing apparatus.

PHYSICAL REQUIREMENTS:

1. Drive large District vehicle to job sites including over rough terrain. Uses a two-way radio to communicate.

2. Works in extreme weather conditions including heat and rain. Will work in areas containing dust, fumes, exhaust.

3. Climbs ladders and work at heights up to 100 feet.

4. May work in potential confined spaces. Must have the ability wear and use appropriate safety equipment including a Self-Contained Breathing Apparatus (SCBA).

5. Will work nights, weekends, holidays, and overtime when required.

6. Lift and carry objects in excess of fifty pounds.

7. Performs pick and shovel work.

See Human Resources for physical assessment form.

ONLY QUALIFIED INDIVIDUALS SHOULD APPLY. HUMAN RESOURCES WILL SCREEN APPLICANTS TO DETERMINE QUALIFICATIONS AND ATTENDANCE. ONLY THOSE APPLICANTS WITH GOOD ATTENDANCE WILL BE CONSIDERED OR INTERVIEWED.

The Coachella Valley Water District reserves the right to change or modify the terms, conditions, and salary of this position, or to withdraw this position at any time.