JOB DESCRIPTION

Coachella Valley Water District

TITLE: Welder I

DEPARTMENT: Trades and Support

SECTION: Building Trades

SRN 24:

REPORTING RELATIONSHIP:

Reports to: Supervisor, Building Trades

Supervises the following positions: Not applicable

DEFINITION: Under general supervision, to do skilled journey level welding work in the repair and building of metal fixtures, structures, buildings and equipment; and to do related work as required.

ESSENTIAL FUNCTIONS:

1. Works from sketches, blueprints or job requisition and fabricates metal by cutting, shaping, drilling, and welding with both electric and gas welding equipment.

2. Repairs and rebuilds metal fixtures, structural parts of buildings, machinery, and other structures.

3. From rough specifications, fabricates new parts or modifies parts of automotive equipment, shop machinery, building fixtures and maintenance equipment.

4. Keeps records of field maintenance jobs completed and makes reports.

5. Fabricates fittings, tapping saddles, valve extensions, and make tie in connections. Also modify vault lids.

6. Assist various departments in their welding needs.

7. Perform Domestic Construction work when required.

MINIMUM QUALIFICATIONS:

License or Certificates: Valid California Operators license issued by the State Department of Motor Vehicles. Department of Motor Vehicles driving record may influence employment or classification.

Welding certificate in either pipe or structural steel

Experience: Any combination of training and experience which would prove qualifying. One year journey level experience in gas and electric welding preferred.
MINIMUM QUALIFICATIONS (Cont.):

Knowledge of:
- Materials, practices and techniques of the welding trade.
- Properties of various metals and proper heat treating and tempering methods.
- Fluxes, welding rods, coatings and alloys.
- Safe working practices and procedures.
- Proper and safe use of hand tools and equipment.
- Various types of metals for structural welding or repairs.
- Various types of (electrodes) welding rods.

Abilities:
- Read and interpret and work from blueprints, plans, specifications and rough descriptions.
- Skillfully use gas and electric welding and cutting equipment.
- Understand and carry out oral and written instructions.
- Safely operate equipment and vehicles.
- Keep accurate records and prepare reports.
- Work cooperatively with others.
- Fabricate and repair metal items.
- Identify angles for pipe fabrication.

PHYSICAL REQUIREMENTS:

1. Drive District vehicles to job sites including over rough terrain. Driving: Moderate.

2. Works in trenches and excavations below ground level. May work above ground from ladders or scaffold.

3. Will lift and carry with assistance items of 50 pounds or more.

4. Works with and in areas containing chemicals, gases, vapors, dust, smoke, and exhaust.

5. Works in extreme weather conditions including heat and rain.

See Human Resources for physical assessment form.