

BARD WATER DISTRICT

METAL GATE INSTALLER & FABRICATOR

IRRIGATION MAINTENANCE

DEFINITION

Under general supervision; Installation of Irrigation Gates and Fabrication of Irrigation Gates. Also Maintaining of Irrigation Gates. To participate in the work of water distribution and drainage facilities and maintenance and construction crews; and to do related work as required.

EXAMPLE OF DUTIES

- Gate Fabrication and Installation in Shop and on site.
- Use of a variety Hand Tools including but not limited to Chop Saws, Drills, Drill Press and Grinders, hammers and shovels etc.
- Remove, Repair and Replace Gates in the Field; Locate & Repair Leaks
- Welding in Shop and on site.
- Inspects, cleans and performs minor servicing and repair of equipment.
- Reports the need for major mechanical repairs to appropriate District staff.
- May be required to read and follow technical designs, maps and grade stakes
- May perform semi-skilled maintenance and operate construction equipment as needed.
- May assist in the installation of pipes and/or structures, gate installation and cement work.
- Performs equipment operation and repair assignments as needed with the District Maintenance Activities.

TYPICAL PHYSICAL ACTIVITIES

- Operates District vehicles in construction, maintenance and repair work of irrigation and drainage facilities.
- Must be able to carry, push, pull, reach and lift equipment and parts weighing up to 100 lbs.
- Stoops, kneels, crouches, crawls and climbs during field maintenance and repair work, crawls inside pipe for inspection.
- Works in an environment with exposure to dust, dirt, muddy, wet conditions and significant temperature changes between cold and extreme heat.
- Communicates orally with District staff in face-to-face, one-to-one settings.
- Regularly uses a telephone for communication with other District personnel.
- Stands and walks for extended time periods.
- Hearing, vision and eye-hand coordination sufficient to use tools, drills, drill press and operate a variety of vehicles and to maintain good awareness during maintenance and construction jobs in a safe manner.

SPECIAL REQUIREMENTS

Possession of an appropriate operator's license, Class A or equivalent, issued by the State Department of Motor Vehicles. Possession and proof of a good driving record as evidenced by freedom from multiple or serious traffic violations or accidents for a least two (2) years duration. The driving record will not contribute to an increase in the District's automobile rates.

KNOWLEDGE OF:

- Welding; including M.I.G. Wire, Stick and OXY/ACE
- Cutting of Metal including Plasma and OXY/ACE Torch
- Hand Tools and Drills
- Drill Press and Grinder
- Table and Circular Saws
- Masonry and Concrete Tools
- Methods, tools and materials used in construction and maintenance work
- Motor vehicle laws and regulations
- Proper work safety standards and requirements

ABILITY TO:

- Weld; including M.I.G. Wire, Stick and OXY/ACE Brazing with skill and safety
- Property cut various sizes of Metal using Plasma and OXY/ACE Torch
- Work without immediate supervision at job sites
- Perform heavy physical labor requiring strength, dexterity and agility
- Perform a variety of maintenance and construction work
- Read and interpret plans, diagrams and drawings
- Skillfully use the hand tools, power tools and measuring devices involved in construction and maintenance work
- Deal tactfully and courteously with the public
- Follow oral and written directions
- Establish and maintain cooperative working relationships
- Complete Daily Worksheet of work performed, equipment used and list of supplies for each job/task completed

DESIRABLE EDUCATION AND EXPERIENCE

Any combination of education and experience which would likely provide the necessary knowledge and abilities is qualifying.

A typical way to obtain the knowledge and abilities would be:

Two (2) years of responsible work experience in Metal Fabrication and general maintenance and construction work experience is also desirable.