

**Title: PIPE FITTER**

Salary Code: 17  
Effective Date: 02/01/07  
FLSA Designation: Nonexempt

GENERAL DESCRIPTION

Under the general supervision of the Senior Mechanical Maintenance Worker, performs and may direct a crew performing work involved in repairing, fitting, and fabricating pipe configurations, tools, equipment, and component parts using welding, sheet metal, or fabrication techniques. Use of independent judgment is required. The Pipe Fitter is a single position classification.

EXAMPLES OF WORK PERFORMED (Illustrative Only)

Designs and fabricates fittings, piping configurations, changes in water user hookups, and metal components for pipeline repair, including below ground repairs and as-built sketches.

Performs oxy-acetylene torch cutting, heliarc, arc, mig, and tig welding, including metal buildup of pits and all position welds on pipe, plate, and other structural shapes in accordance with American Welding Society or American Society of Mechanical Engineers in the shop and/or in the field.

Performs layout work requiring Geometry and Trigonometry.

Designs, repairs, and constructs parts and structural components for heavy equipment, such as traveling water screens, discharge manifolds, valve adaptations, pumps and equipment.

Utilizes procedures for confined space entry and the use of hazardous materials.

Recommends repair procedure standards.

Performs other duties as assigned.

CLASSIFICATION REQUIREMENTS

Education and Experience: Any combination of education and experience that has led to the acquisition of the knowledge required by the position. A typical way of acquiring the knowledge would be:

Completion of the twelfth grade and three years of experience supplemented by specialized training in the area of oxy-acetylene, heliarc, arc, mig, and tig welding; or equivalent.

## **PIPE FITTER**

Page 2

### LICENSE, CERTIFICATE, OR CREDENTIAL

Must obtain Westlands Water District certification for welding per ASME Sections 8 & 9 for A53 B pipe and all positions using ASME SFA -5.20 flux core Wire, within six months of appointment.

### WORKING CONDITIONS

Heavy lifting up to 100 pounds.

Use hazardous materials.

Work in all kinds of weather.

Possess physical characteristics to perform the critical and important duties of the job, including the ability to climb stationary ladders up to 100 feet in height, work suspended above ground level (approximately 45 feet) in a bosun chair or aerial lift, and work in confined spaces, such as in excavations (approximately 20 feet below ground level), buried dewatered pipelines and manifolds (ranging in size from 3 feet to 13 feet in diameter), and dewatered sumps and turnout facilities (approximately 30 feet below ground level).

### STANDARD REQUIREMENTS

Possession of a valid California Driver's license/Class C and a driving record acceptable to the District's automobile insurance provider.