

5600

CITY OF RIVERSIDE
HUMAN RESOURCES DEPARTMENT

04/08/09

Revised

CLASSIFICATION SPECIFICATION

TITLE: UTILITIES SHOP, TOOL AND FABRICATION TECHNICIAN

DEFINITION

Under general supervision, to perform skilled welding, machinist and metal shaping work in fabricating and repairing metal parts, structures, tools and mobile equipment; and to do related work as required.

REPORTS TO: Utilities Water Supervisor

SUPERVISION RECEIVED AND EXERCISED

Receives general supervision from the Utilities Water Supervisor

EXAMPLES OF DUTIES

Duties may include, but are not limited to, the following:

- Shape metal objects using lathes, power saws and drill presses; use taps, dies, files and similar tools.
- Lay out, according to rough sketches or blueprint, various metal pieces; cut, weld and otherwise fabricate various attachments or modifications for mobile and stationary equipment or tools.
- Overhaul, rebuild and service pneumatic, hydraulic and electrical tools; manufacture replacements for wearing parts.
- Confer with field supervisors and crew members regarding necessary repairs or modifications to equipment or tools; advise on changes, adaptations or new materials for use in meeting work problems.
- May assign, supervise and inspect others in more routine and less skilled metal shop tasks.
- Issue, receive and maintain inventory of tools and equipment.
- Order parts, supplies and materials; maintain inventory control over tools, equipment and materials.

QUALIFICATIONS

Knowledge of:

- Standard practices, methods, tools and materials of metal fabricating through the use of welding, machine tool and forging techniques.
- Occupational hazards and safety precautions of the work.
- Properties and adaptabilities of various metals.
- Operating and maintenance characteristics of a wide variety of metal working tools and equipment.

Ability to:

- Fabricate metal objects on the basis of rough sketches, blueprints or broken parts.
- Use and care for a wide variety of metal working tools and equipment.

- Keep records and prepare reports.
- Understand and interpret fabrication plans and work orders.
- Work overtime as required.

Education and Experience:

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

Education: Equivalent to graduation from high school or G.E.D.

Experience: Three years' experience in skilled metal working trades or two year's experience as an Assistant Welder Mechanic in the City of Riverside.

MEDICAL CATEGORY: Group 2

NECESSARY SPECIAL REQUIREMENT

Possession of or ability to obtain an appropriate, valid California motor vehicle operators license.

May require possession of or the ability to obtain an appropriate valid California Commercial Motor Vehicle Operator's License based upon operational need and the duties assigned.

Possession of an appropriate welding certificate issued by the State of California.

CAREER ADVANCEMENT OPPORTUNITIES

FROM: Utilities Shop, Tool and Fabrication Technician

TO: Utilities Water Meter Technician