

## WELDER I

NATURE OF WORK IN THIS CLASS:

Performs semi-skilled welding work in the fabrication, assembly and repair of metal equipment, tools, fixtures and other items by electrical and acetylene welding.

Employees work under general supervision performing semi-skilled work or assist others in skilled work under close supervision.

ILLUSTRATIVE EXAMPLES OF WORK: (These examples do not list all the duties which may be assigned; any one position may not include all the duties listed).

Selects, sets up, and secures parts to be welded; cleans greasy or corroded areas with files, wire brushes, grinding wheels, sandblasting equipment, scalling or chipping hammers; selects proper size and type of weld; welds metal parts together according to layouts, blueprints, or work orders, using both gas welding or brazing arc welding; examines workpiece and measures dimensions for conformance to specifications; chips or grinds out holes, bubbles, or cracks in workpiece; clamps broken parts together and welds them according to type and thickness of metal; and maintains and makes minor repairs on welding equipment.

Assists skilled workers in performing the full range of welding tasks.

May cut defective parts and reweld new piece into place.

May straighten bent pieces, using hand torch and straightening press.

Performs related duties as required.

MINIMUM KNOWLEDGE, ABILITIES AND SKILLS:

Knowledge of the standard principles, methods, practices and techniques of electrical and acetylene welding.

Knowledge of the proper operation and maintenance of welding tools and equipment.

Ability to work in awkward and cramped positions such as welding in hard to reach places.

Ability to work in areas that are exposed to fumes, flying sparks, the glare of torches and heated materials.

Ability to understand and follow oral and written instructions.

Ability to apply safe work practices on the job.

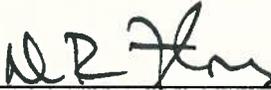
Semi-skill in the welding trade.

MINIMUM EXPERIENCE AND TRAINING:

(a) Two years of experience in the fabrication, assembly, and repair of metal equipment, tools, fixtures, and other item by electrical and acetylene welding; or

(b) Any equivalent combination of experience and training which provides the minimum knowledge, abilities and skills.

ESTABLISHED: JULY, 1980

  
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DAVID R. FLORES, Executive Director  
Civil Service Commission