

**CITY OF POMPANO BEACH
CLASS DESCRIPTION**

JOB CODE 676

WELDER

GENERAL

Skilled work in fabricating and the use of acetylene and/or electric arc welding equipment. Work assignments are performed under general supervision in Building Maintenance.

EXAMPLES OF ESSENTIAL DUTIES

(These are intended only as illustrations of the various types of work performed. The omission of specific duties does not exclude them from the position if the work is similar, related, or a logical assignment to the position.)

Preheats and cleans metals. Lays out, cuts and fits materials for welding. Selects proper welding heat and selects the proper type and size of electrodes for correct penetration and strength of welded metals.

Does cutting and welding on such items of machinery and equipment as truck and automobile bodies, refuse containers, pump and engine parts, trailer parts, heavy construction equipment and similar machinery and apparatus. Participates as a skilled welder in the manufacture of special machinery and general public works. Welds flat, vertical and horizontal surfaces .

Brazes, solders and coats non-ferrous metals. Does silver and lead soldering. Performs mechanical work on all types of equipment.

Builds steel and aluminum tool boxes. Makes cages for police vehicles. Makes gates, steel and aluminum doors, holding tanks, truck beds, trailers, etc.

Maintains and makes minor repairs to welding equipment.

Performs related work as required.

KNOWLEDGE, SKILLS AND ABILITIES

Considerable knowledge of the practices, materials, methods and tools of the welding and fabrication trade. Knowledge of the properties of ferrous and non-ferrous metals encountered in welding work as well as the occupational hazards and safety precautions of the work.

Ability to understand and follow oral and written instructions, to read simple sketches and diagrams and to work from broken parts. Skill in the use and care of the tools and equipment in the welding trade.

MINIMUM QUALIFICATIONS

High school graduation. Considerable experience at the journeyman level in welding.

A comparable amount of training and experience may be substituted for the minimum qualifications.

PHYSICAL REQUIREMENTS

Must have the use of sensory skills in order to effectively communicate and interact with other employees and the public through the use of the telephone and personal contact as normally defined by the ability to see, read, talk, hear, handle or feel objects and controls. Physical capability to effectively use and operate various items of office related equipment, such as, but not limited to a, personal computer, calculator, copier, and fax machine. Significant standing, walking, moving, climbing, carrying, bending, kneeling, crawling, reaching, and handling, sitting, standing, pushing, and pulling. Ability to lift heavy objects.

SPECIAL REQUIREMENTS

Possession of a valid, appropriate (Class B) driver's license and an acceptable driving record.

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Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.