

WELDER

DEFINITION

Occupants of this classification are in the classified service. The positions assigned to this classification repair, fabricate, and weld metal parts and equipment by oxy-acetylene and electric arc methods, and maintain welding shop equipment and supplies.

SUPERVISION RECEIVED AND EXERCISED

The positions assigned to this classification report to the Fleet Services Supervisor or Senior Solid Waste and Recycling Operations Supervisor. The positions may receive technical direction from the Senior Welder. Responsibilities may include supervision of a Fleet Services Assistant.

ESSENTIAL JOB DUTIES

The following tasks are essential for this position. Incumbents in this classification may not perform all of these tasks, or may perform similar related tasks not listed here.

1. Prepares simple daily logs of work performed.
2. Performs other metal fabricating, bending, cutting, shaping, and welding to other hard surfaces.
3. Performs work in a safe and timely manner. Makes hazardous, confined areas safe and workable.

The following essential duties are specific to the designated assignment.

Equipment Maintenance & Fleet Services:

4. Performs welding jobs for all City departments including layout and fabrication. Makes welding repairs on City equipment and motorized vehicles.
5. Removes and reinstalls heavy parts such as blades, cylinders, and hydraulic lines.

Refuse Services/Transfer Station:

- ~~1-6. Performs repairs to various refuse service bins. Performs other metal fabricating, bending, cutting, welding, and hard surfacing operations.~~
- ~~2-1. Removes and reinstalls heavy parts such as blades, cylinders, and hydraulic lines.~~
- ~~3-1. Prepares simple daily logs of work performed.~~
- ~~4-1. Performs work in a safe and timely manner. Makes hazardous, confined areas safe and workable.~~

MINIMUM KNOWLEDGE, SKILLS AND ABILITY

Knowledge of:

-) Operation, adjustment, care, and minor repair of acetylene and arc welding tools and equipment.
-) Types of welds, joints, and welding rods used in welding operations.
-) Proper preparation of metals for welding.
-) Cleaning and preparing material and/or work site, ~~Welding~~, cutting, and brazing practices and processes, and welding, including metals, their properties, their composition, and methods of identifying and welding metals.
-) Basic mathematics.
-) Welding industry and CalOSHA safety standards and procedures.

Skill and Ability to:

-) Perform heavy and physically demanding work for lengthy and continuous periods of time.
-) Operate the use of hand tools and welding equipment such as lathe, grinders, drill press, brake press, ~~nibbler~~, and iron workers.
-) Set up and adjust oxy-acetylene, electric--arc, and other welding apparatus.
-) Weld all types of joints.
-) Communicate effectively both in written and verbal form.
-) Read and work from sketches, schematics, and blueprint plans.
-) Prepare various types of metal surfaces for painting.
-) Use spray paint equipment to paint metal containers, surfaces, objects, and parts.

LICENSE AND CERTIFICATES

Possession of a Structural Welding Certificate. ~~and Possession of a valid California Class C driver's license is required.~~ Possession of a valid California Class B driver's license with a Passenger (P) Endorsement is desirable. ~~(A Class B permit will be acceptable for the first 90 days of appointment).~~

OTHER REQUIREMENTS

At time of appointment, must provide own tools of type and quantity necessary for journey-level welding.

TRAINING AND EXPERIENCE

Any combination equivalent to training and experience that could likely provide the required knowledge, skills, and abilities would be qualifying. A typical way to obtain the knowledge, skills, and abilities would be: completion of a welding apprenticeship and one year of journey level welding experience.

PHYSICAL REQUIREMENTS AND WORKING CONDITIONS

-) Require mobility of arms to reach and dexterity of hands to grasp and manipulate small objects. ~~Lower body mobility may not be required.~~
-) Require the ability to stand for long periods.
-) Perform work which involves the continuous lifting, pushing and/or pulling of objects ~~up to 10 pounds~~, frequently up to 35 pounds, and may occasionally weigh up to over 100 pounds.

- |) May be required to work evenings, weekends, and holidays.
- |) May be required to work with harsh and toxic substances.
- |) May be required to wear protective apparel including goggles, face protectors, aprons, gloves, shoes and oxygen breathing apparatus.
- |) May be required to work within enclosed spaces or at heights above ground level.
- |) May be required to work around foul odors.
- |) May be exposed to extreme noise.
- |) May be required to work around moving mechanical parts. May be required to work around electrical current.
- |) May be subject to Federal Department of Transportation (DOT) regulations as a safety-sensitive classification, when assigned.

WELDER

DEFINITION

Occupants of this classification are in the classified service. The positions assigned to this classification repair, fabricate, and weld metal parts and equipment by oxy-acetylene and electric-arc methods, and maintain welding shop equipment and supplies.

SUPERVISION RECEIVED AND EXERCISED

The positions assigned to this classification report to the Fleet Services Supervisor or Senior Solid Waste and Recycling Operations Supervisor. The positions may receive technical direction from the Senior Welder. Responsibilities may include supervision of a Fleet Services Assistant.

ESSENTIAL JOB DUTIES

The following tasks are essential for this position. Incumbents in this classification may not perform all of these tasks, or may perform similar related tasks not listed here.

1. Prepares simple daily logs of work performed.
2. Performs other metal fabricating, bending, cutting, shaping, and welding to other hard surfaces.
3. Performs work in a safe and timely manner. Makes hazardous, confined areas safe and workable.

The following essential duties are specific to the designated assignment.

Equipment Maintenance & Fleet Services:

4. Performs welding jobs for all City departments including layout and fabrication. Makes welding repairs on City equipment and motorized vehicles.
5. Removes and reinstalls heavy parts such as blades, cylinders, and hydraulic lines.

Refuse Services/Transfer Station:

6. Performs repairs to various refuse service bins. .

MINIMUM KNOWLEDGE, SKILLS AND ABILITY

Knowledge of:

-) Operation, adjustment, care, and minor repair of acetylene and arc welding tools and equipment.
-) Types of welds, joints, and welding rods used in welding operations.
-) Proper preparation of metals for welding.
-) Cleaning and preparing material and/or work site, cutting and brazing practices and processes, and welding, including metals, their properties, their composition, and methods of identifying and welding metals.
-) Basic mathematics.
-) Welding industry and CalOSHA safety standards and procedures.

Skill and Ability to:

-) Perform heavy and physically demanding work for lengthy and continuous periods of time.
-) Operate the use of hand tools and welding equipment such as lathe, grinders, drill press, brake press, and iron workers.
-) Set up and adjust oxy-acetylene, electric-arc, and other welding apparatus.
-) Weld all types of joints.
-) Communicate effectively both in written and verbal form.
-) Read and work from sketches, schematics, and blueprint plans.
-) Prepare various types of metal surfaces for painting.
-) Use spray paint equipment to paint metal containers, surfaces, objects, and parts.

LICENSE AND CERTIFICATES

Possession of a Structural Welding Certificate. Possession of a valid California Class C driver's license is required. Possession of a valid California Class B driver's license with a Passenger (P) Endorsement is desirable.

OTHER REQUIREMENTS

At time of appointment, must provide own tools of type and quantity necessary for journey-level welding.

TRAINING AND EXPERIENCE

Any combination equivalent to training and experience that could likely provide the required knowledge, skills, and abilities would be qualifying. A typical way to obtain the knowledge, skills, and abilities would be: completion of a welding apprenticeship and one year of journey level welding experience.

PHYSICAL REQUIREMENTS AND WORKING CONDITIONS

-) Require mobility of arms to reach and dexterity of hands to grasp and manipulate small objects.
-) Require the ability to stand for long periods.
-) Perform work which involves the continuous lifting, pushing and/or pulling of objects frequently up to 35 pounds, and may occasionally weigh up to 100 pounds.
-) May be required to work evenings, weekends, and holidays.
-) May be required to work with harsh and toxic substances.
-) May be required to wear protective apparel including goggles, face protectors, aprons, gloves, shoes and oxygen breathing apparatus.
-) May be required to work within enclosed spaces or at heights above ground level.
-) May be required to work around foul odors.
-) May be exposed to extreme noise.
-) May be required to work around moving mechanical parts. May be required to work around electrical current.
-) May be subject to Federal Department of Transportation (DOT) regulations as a safety-sensitive classification, when assigned.