

SENIOR WELDER

DEFINITION

Occupants of this classification are in the classified service. The positions assigned to this classification lead and participate in the repair, fabrication, and welding of metal parts and equipment by oxy-acetylene and electric-~~arc~~ methods, and maintain welding and fabrication shop, and all associated equipment and supplies.

SUPERVISION RECEIVED AND EXERCISED

The positions assigned to this classification report to Fleet Services Equipment Maintenance Supervisor. Responsibilities may include supervision of Welders and Fleet Services Assistants Equipment Service Workers.

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. Leads and participates in performing welding jobs for all City departments as requested. Makes welding repairs on City equipment, facilities, and ~~other~~ motorized vehicles.
2. Performs other metal fabricating, bending, cutting, shaping, welding, and hard surfacing services.
3. Determines work procedures, may ~~assigning~~ duties, training, assisting in solving work problems, enforcing City regulations and policies, and promoting work efficiency. Monitors the quality and quantity of the work of any assigned subordinates.
4. Identifies better methods for meeting service demands and ensures work is performed in a safe and timely manner. Makes hazardous, confined areas safe and workable.
5. Creates work orders for the welding section and, generates related writes purchasing requisitions. Communicates with vendors to review welding material requirements; may talk with vendors; gathers cost information, creates and maintains vendor records, provides cost analysis and maintains, creates, and justification es data for purchase of equipment and/or materials as required during projects.
- 5-6. Performs assigned duties independently using the department's policies and procedures and industry standards as a guide.

MINIMUM KNOWLEDGE, SKILLS AND ABILITY

Knowledge of:

- The operation, adjustment, care, and minor repair of oxy-acetylene and arc welding tools and equipment.

- Types of welds, joints, and welding rods used in welding operations.
- Proper preparation of metals for welding.
- ~~Knowledge of w~~Welding, cleaning, cutting, and brazing practices and processes including metals, their properties, their composition, and methods of identifying and welding them.
- Methods of supervision.
- Safety standards and precautions.

Skill and Ability to:

- Perform heavy and physically demanding work for lengthy and continuous periods of time.
- Operate and use hand tools and welding equipment such as lathe, brake press, iron worker, nibbler, ~~and~~ drill press, and plasma and milling machines.
- Set up and adjust acetylene, electric arc, and other welding apparatus.
- Weld all types of joints.
- Maintain records, inventories of equipment, files and related functions.
- Communicate effectively both in written and verbal form.
- Read and work from sketches, schematics, and blueprint plans.
- Use spray paint equipment to paint metal containers, surfaces, objects, and parts.
- Lead the work of others.

LICENSE AND CERTIFICATES

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

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 five ~~three~~ years of journey level welding and fabrication 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 frequent lifting, pushing and/or pulling of objects which may approximate 50 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 required to work around moving mechanical parts. May be required to work around electrical current.