

**SAN DIEGO UNIFIED SCHOOL DISTRICT**

**POSITION DESCRIPTION**

---

<b>TITLE:</b>	Ironworker	<b>REPORTS TO:</b>	Assigned Supervisor
<b>DEPARTMENT:</b>	Facilities Management	<b>CLASSIFICATION:</b>	Classified
<b>FLSA:</b>	Non-Exempt	<b>SALARY GRADE:</b>	048 OSS
<b>ISSUED:</b>	February 19, 2003		

---

**BASIC FUNCTION:**

Perform skilled shaping, cutting, and welding of metals in the construction and repair of school structures and equipment.

**REPRESENTATIVE DUTIES:** (Incumbents may perform any combination of the essential functions shown below. This position description is not intended to be an exhaustive list of all duties, knowledge, or abilities associated with this classification, but is intended to accurately reflect the principal job elements.)

**E = Essential Functions**

Perform skilled welding in the construction, installation, and repair of incinerators, gates, flagpoles, gratings, pipe, and other metal equipment. **E**

Read blueprints or sketches, and cut and form metal accordingly. **E**

Weld and braze wheels, furniture, and other equipment. **E**

Ream pipe. **E**

Operate a pipe and bolt threading machine. **E**

Anchor equipment to walls and floors with electric hammer. **E**

Chip and clean slag. **E**

Fabricate parts and provide general blacksmithing services. **E**

Perform related duties as assigned.

**MINIMUM QUALIFICATIONS:**

**EDUCATION AND EXPERIENCE:**

Any combination of training, experience, and/or education equivalent to completion of a recognized welding apprentice training program.

**LICENSES AND OTHER REQUIREMENTS:**

Possession of a valid California driver's license appropriate to the type of equipment and/or vehicle operated.

Certification to work on pressure vessels such as air and water tanks or boilers as appropriate desired but not required.

**KNOWLEDGE AND ABILITIES:**

**KNOWLEDGE OF:**

Materials, tools, and methods commonly used in job shop welding and related work.

Reading and writing English communication skills.

**ABILITY TO:**

Read blueprints and to work according to plans and specifications.

Prepare rough sketches of work and to estimate labor and material costs.

Establish and maintain effective working with others relationships.

Plan and organize work to meet schedules and time lines.

Analyze situations accurately and adopt an effective course of action.

Work independently with little direction.

**WORKING CONDITIONS:**

**ENVIRONMENT:**

Indoor and outdoor environments.

**PHYSICAL REQUIREMENTS:**

Strength and energy sufficient to maintain a rigorous work schedule involving driving and/or continuous, heavy physical exertion; hearing and speaking to exchange information; seeing to perform assigned duties; standing for extended periods of time; dexterity of hands and fingers to operate tools and equipment; kneeling, bending at the waist and reaching overhead, above the shoulders and horizontally as needed; lifting heavy objects.

Job Code 8170

FK