

SAN DIEGO UNIFIED SCHOOL DISTRICT

POSITION DESCRIPTION

TITLE:	Lead Ironworker	REPORTS TO:	Assigned Supervisor
DEPARTMENT:	Maintenance	CLASSIFICATION:	Classified
FLSA:	Non-Exempt	SALARY GRADE:	052 OSS
REVISED:	September 4, 2002		

BASIC FUNCTION:

Work with and direct a crew performing skilled shaping, cutting, and welding of metals in the construction, fabrication, and repair of school structures and equipment; perform estimating and work coordination activities.

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

Work with and lead a crew performing skilled welding in the construction, fabrication, and repair of gates, flagpoles, gratings, pipe, and other metal equipment **E**

Estimate labor and material cost and coordinate work activities with other shops and outside contractors. **E**

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

Weld and braze wheels, furniture, and other equipment; ream pipe. **E**

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

Use an electric hammer in anchoring equipment to walls and floors. **E**

Chip and clean slag. **E**

Fabricate parts and provide general blacksmith service. **E**

Direct the work of Iron Workers and helpers. **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 and two years of recent, full-time iron work experience. Certification to work on pressure vessels such as air and water tanks or boilers as appropriate desired but not required.

LICENSES AND OTHER REQUIREMENTS:

Possession of a valid California driver's license.

KNOWLEDGE AND ABILITIES:

KNOWLEDGE OF:

Technical aspects of field of specialty.

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

Reading and writing English communication skills.

ABILITY TO:

Use materials, tools, and methods commonly used in iron working job shop welding, and related work
plan and direct the work of others

Read and work from blueprints

Communicate effectively and maintain cooperative relationships.

Establish and maintain effective working relationships with others.

Plan and organize work.

Meet schedules and time lines.

Maintain records and prepare reports.

Analyze situations accurately and adopt an effective course of action.

Work independently with little direction.

Read, apply, and explain rules, regulations, policies, and procedures.

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

WORKING CONDITIONS:

ENVIRONMENT:

Indoor or outdoor setting.

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 in person and on the telephone; 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, to perform assigned duties; lifting heavy objects.