

CARPENTER/WELDER

BASIC FUNCTION:

Under the direction of the Director of Facilities and Operations, perform skilled carpentry, welding, and concrete work in the maintenance, repair, construction and alteration of district facilities, furniture, and equipment.

REPRESENTATIVE DUTIES:

- Perform skilled carpentry work in the maintenance, repair, construction and alteration of district facilities, furniture, and equipment. **E**
- Perform skilled welding, cutting, forming, and fitting of metals. **E**
- Build and repair school and office furniture, equipment and wooden fixtures performing mill and cabinet work, fabricate new parts; construct custom moldings, cases and base; maintain and repair woodwork in district school facilities including bookshelves and cabinets. **E**
- Install and repair doors and door jams. Install and adjust hardware, including assessment of needs and measurement to determine proper fit. **E**
- Install, build, modify, and upgrade ADA (Americans with Disabilities Act) compliant ramps according to code. **E**
- Estimate time and material costs; develop plans for completion of work; communicate with vendors in the purchase of materials. **E**
- Operate a variety of carpentry, welding, and concrete equipment and tools including table saws, band saws, radial arm saws, drill press, welder, oxyacetylene torch, plasma cutter, cutoff saw, jack hammer, boring jig, and others as assigned. **E**
- Set up, form, and pour concrete sidewalks, ramps, steps and other concrete areas; calculate area, footage, yardage and tonnage for concrete, asphalt and other maintenance work. Remove old concrete and asphalt. **E**
- Repair damaged or vandalized furniture, buildings and equipment. **E**
- Construct, alter, repair and inspect structures including doors, roofs, shelving and stairways. **E**
- Drive a vehicle to various district work sites. **E**
- Assure compliance with building, health and safety codes and standards. **E**
- Work from plans, oral instructions, sketches and blueprints.
- Repair and replace roofing as well as roof decking and trim. **E**
- Install new and replacement glass and Plexiglas. Measure and cut products to perform repairs. **E**
- Operate forklift, dump truck, front end loader, boom lift, and scissor lift. **E**
- Perform related duties as assigned.

KNOWLEDGE OF:

Tools, equipment, materials, methods and techniques used in skilled carpentry and in general maintenance and repair.

Uniform Building Code requirements, OSHA, and other regulations pertaining to carpentry, welding, and concrete work.

Appropriate health and safety precautions and procedures.

Proper methods of storing equipment, materials, and supplies.

Requirements of maintaining school buildings in a safe, clean, and orderly condition.

ABILITY TO:

Provide a DMV printout dated within 2 months.
Perform a wide variety of skilled carpentry.
Perform skilled welding, cutting, and fitting of metals.
Perform skilled concrete removal, forming, and finishing.
Prioritize and schedule work.
Apply codes, rules, and regulations involved in assigned maintenance activities.
Effectively and safely operate a variety of tools and equipment used in the skilled trade.
Understand and follow oral and written directions.
Communicate effectively both orally and in writing.
Read, interpret and work from sketches, diagrams, blueprints, plans and specifications.
Make mathematical calculations quickly and accurately.
Work independently with little direction.
Meet schedules and time lines.
Maintain routine records.
Establish and maintain cooperative and effective working relationships with others.

EDUCATION AND EXPERIENCE:

Graduation from high school and two years journey-level carpentry, welding, and concrete experience.

LICENSES AND OTHER REQUIREMENTS:

AHERA Asbestos 16 hour training
Valid California driver's license.

WORKING CONDITIONS/ENVIRONMENT:

Indoor and outdoor environment.
Fumes, dust and odors.
Adverse weather conditions.
Driving a vehicle to conduct work.
High level work up to 60 feet.

PHYSICAL ABILITIES:

Climbing ladders and scaffolding.
Seeing to perform carpentry work.
Lifting, carrying, pushing and pulling heavy objects up to 100 pounds.
Operating boom lift and scissor lift.
Walking on uneven surfaces.
Reaching overhead, above the shoulders and horizontally.
Dexterity of hands and fingers to operate a variety of tools and equipment.
Bending at the waist, kneeling, or crouching.
Digging.

HAZARDS:

Exposure to chemicals including stains, sealers, and solvents.
Working around and with power saws and other machinery having moving parts.