

MECHANICAL CRAFTS WORKER II

DEFINITION

Under direction, to perform a variety of skilled and semi-skilled work in the maintenance, installation and repair of County buildings and equipment; and to perform other related work as required.

DISTINGUISHING CHARACTERISTICS

The Mechanical Crafts Worker II class is distinguished from the lower class of Mechanical Crafts Worker I in that incumbents in this class not only have a specialty but also can perform skilled or semi-skilled work in several other crafts as well as being familiar with County buildings and equipment.

EXAMPLES OF DUTIES

Duties may include, but are not limited to the following:

Repairs pumps, motors, transformers, heaters, wiring, switches, generators, fans; uses electrical test equipment; repairs pneumatic, hydraulic, electrical or electronic equipment and components; replaces light bulbs and ballasts; runs electrical conduit; repairs sinks, flush valve toilets, lavatories, water lines; unclogs sewer lines; replaces wax rings; checks for gas leaks; installs and maintains air conditioning units, condensers, compressors, evaporators, expansion and discharge valves, temperature and humidity controls; services air filters; repairs and maintains boilers, cooling towers, coil fans; chemically treats boiler water; may maintain County elevators; fabricates, assembles, installs, repairs duct work, hand rails, steel security screens, steps and platforms; uses gas and electric welders; may make routine purchases of small parts and supplies; and services oxygen, nitrogen and nitrous oxide equipment. May build and repair cabinets, counters, bookshelves; hang and repair doors; install and repair locks; repair Venetian blinds, desks, chairs, tables; construct and move partition, install paneling, Formica tops, windows; hang tape and texture sheetrock; paint a variety of structures; refinish furniture; paints signs; install floor and ceiling tiles; repair roofs; and work on other related projects; may perform asbestos related work; may oversee a small crew of non-paid workers; may act as a lead worker on a particular project; and performs other duties as assigned.

EMPLOYMENT STANDARDS

Any combination of education and experience sufficient to directly demonstrate possession and application of the following:

Knowledge of: Standard tools, methods, practices and materials involved in craft projects or work assignments; prevailing building codes; safe work practices; standard tools, methods, practices and materials involved in several trades other than specialty; County buildings and equipment; basic electronics.

Ability to: Estimate material and labor needs; read, understand and work from general instructions, building plans, sketches and specifications; work in close proximity to jail inmates as assigned; establish cooperative relationships with those contacted in the course of work; use the tools, materials and equipment involved in several trades; act as a lead worker on special projects.

These requirements are typically attained with two years of experience comparable to a Mechanical Crafts Worker I with Shasta County.

SPECIAL REQUIREMENTS

Possession of a valid California driver license.

Possession of a valid Class A California driver's license may be required as assigned by the department head.

PHYSICAL DEMANDS AND WORK ENVIRONMENT

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is regularly required to stand; walk; use hands to finger, handle, or feel objects, tools, or controls; reach with hands and arms; climb or balance; stoop, kneel, crouch, or crawl; talk or hear; and taste or smell.

The employee must frequently lift and/or move up to 50 pounds and occasionally lift and/or move up to 100 pounds; carry heavy paint buckets, drywall (50 lbs), and plywood up and down hills, banks, ladders, stairs, uneven terrain, and inside facilities; single-handedly use heavy tools on uneven ground or flooring such as saws, drills, jack hammers, wheel barrows (up to 100 lbs. when full), and ladders; with assistance, lift over 100 lbs. Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, depth perception, and the ability to adjust focus.

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee regularly works in outside weather conditions and is regularly exposed to vibration. The employee frequently works near moving mechanical parts and in high, precarious places and is frequently exposed to fumes or airborne particles, toxic or caustic chemicals, extreme cold, extreme heat, and risk of electrical shock. The employee is occasionally exposed to wet and/or humid conditions; works with inmates in various demolition, excavation, and construction activities; uses a variety of materials, such as soil, gravel, concrete, lumber, drywall, roofing, and pipe.

The noise level in the work environment is usually very loud.

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