

MASONRY WORKER, 3451

Summary of Duties: Performs skilled work in plastering, bricklaying, and cement finishing on construction, repair, and alteration projects; and does related work.

Distinguishing Features: A Masonry Worker does a variety of construction, repair and alteration jobs requiring skill as a bricklayer, plasterer, and cement finisher. An employee of this class works from blueprints, rough sketches, and verbal instructions and does not ordinarily receive close supervision.

A Masonry Worker may act as lead worker and assign and review the work of others. An employee of this class may be required to work at heights on scaffolding.

Examples of Duties: Does plaster and stucco work, applying scratch, brown, and finish coats to walls and ceilings; applies sand, smooth, and other types of finishes to various surfaces; removes and replaces old and defective plaster and stucco; patches plaster and stucco; may install latch or stucco net; may nail or screw metal, k-lath, button-board, or dry wall to wood or metal studs in order to provide a surface for plaster application;

Cuts, shapes, and lays brick, stone, ceramic tile, and concrete blocks, using brick saws, brickset, brick hammer, and brick trowel in order to fit material into proper dimensions for the construction, repair, and alteration of walls, partitions, and other parts of structures; lays out work in horizontal rows and in designs and shapes according to specified type of bond to be used; fastens bricks to face of structures with tie wires or in anchor holes in veneer bricks; finishes mortar between bricks with proper pointing tools; chips bad spots with cold chisel, hammer, and pneumatic tools and patches holes with grout; repairs and rebuilds boiler fire boxes with fire brick and fire clay; repaints masonry; may construct and repair sea walls;

Places, finishes, and repairs concrete floors, sidewalks, curbs, gutters, bases, steps, ramps, driveways, tennis courts, bicycle trails, cart paths, helicopter landing pads, retaining walls and abutments, footings, and foundations; places reinforcing steel as necessary; screeds, levels, tamps, floats, and finishes concrete with hand tool or cement-finishing machine; remodels upper portions of manhole cover frames to new street surface elevations; uses mineral colors and other admixtures; performs various general manual tasks such as mixing plaster, stucco, mortar, and concrete, erecting scaffolding, and cleaning workareas; occasionally does gunnies work; may sack finish concrete walls; and may construct forms for concrete work;

Acts as lead worker to other Masonry Workers, Cement Finishers, and helpers; reads blueprints in order to determine location and dimensions of job, and quantity and types of materials and tools

needed; prepares time and work reports; drives a departmental vehicle; and may occasionally be assigned to other duties for training purposes or to meet technological changes.

Qualifications: A good knowledge of the materials, tools, processes, and techniques of plastering, bricklaying, cement finishing and ceramic tiling; a good knowledge of the proportions, mixes, and types of aggregates used in making the various types of mortar, plaster, stucco, and concrete, including proper water/cement ratios and mixing time; a good knowledge of hazards, safety practices, and the sections of the City Building Code pertinent to safety procedures pertaining to masonry work; a good knowledge of CAL/OSHA and State of California Construction Safety Orders pertaining to the erection and use of scaffolding; a working knowledge of the building of forms for concrete work; a working knowledge of the use of expansion materials, reinforcing steel, and metal ties; a general knowledge of City personnel rules, policies, and procedures; a general knowledge of laws and regulations related to equal employment opportunity and affirmative action; ability to skillfully use tools of the bricklaying, cement finishing, and plastering trades; the ability to follow oral and written instructions; the ability to make rough estimates of material requirements and to keep records; and the ability to read blueprints, sketches, and sewer maps sufficient to determine location and dimensions of job, and quantity and types of materials and tools needed for plastering, bricklaying and cement finishing work.

Completion of a recognized apprenticeship or attainment of journey-level rank as a bricklayer, plasterer, or cement finisher, or six years of full-time paid experience as a helper in one or more of these trades is required for Masonry Worker.

License: A valid California Driver's license and a good driving record may be required prior to appointment. A valid Class 2/B California driver's license may be required for some positions. A valid Class 2/B certificate issued by the Personnel Department, Medical Services Division is required for all Class 2/B vehicle drivers and must be maintained throughout employment.

Physical Requirements: Strength to perform average lifting over 70 pounds; body agility and equilibrium involved in activities such as climbing and balancing under precarious conditions; back and leg coordination involved in activities such as stooping, kneeling, crouching, and crawling; arm, hand, and finger dexterity with both hands involved in activities such as reaching, handling, and feeling.

Persons with medical limitations may, with reasonable accommodations, be capable of performing the duties of some of the positions in this class. Such determination must be made on an individual basis in light of the person's limitations, the requirements of the position, and the appointing authority's ability to effect reasonable accommodations to the person's limitations.

As provided in Civil Service Commission Rule 2.5 and Section 4.55 of the Administrative Code, this specification is descriptive, explanatory and not restrictive. It is not intended to declare what the duties and responsibilities of any position shall be.