

SCOPE OF WORK PROVISIONS

CRAFT/CLASSIFICATION

Bricklayer, Stonemason, Blocklayer, Caulker, Cleaner, Tuck Pointer, Terrazzo Worker

ID

830-18-2

LOCALITY

Nevada County

SCOPE OF WORK

The information in this packet is not based on a collective bargaining agreement.

Dictionary of Occupational Titles, Fourth Edition, Revised 1991

861.381-018 BRICKLAYER (construction)

Lays building materials, such as brick, structural tile, and concrete cinder, glass, gypsum, and terra cotta block (except stone) to construct or repair walls, partitions, arches, sewers, and other structures: Measures distance from reference points and marks guidelines on working surface to lay out work. Spreads soft bed (layer) of mortar that serves as base and binder for block, using trowel. Applies mortar to end of block and positions block in mortar bed. Taps block with trowel to level, align, and embed in mortar, allowing specified thickness of joint. Removes excess mortar from face of block, using trowel. Finishes mortar between brick with pointing tool or trowel. Breaks bricks to fit spaces too small for whole brick, using edge of trowel or brick hammer. Determines vertical and horizontal alignment of courses, using plumb bob, gaugeline (tightly stretched cord), and level. Fastens brick or terracotta veneer to face of structures, with tie wires embedded in mortar between bricks, or in anchor holes in veneer brick. May weld metal parts to steel structural members. May apply plaster to walls and ceiling, using trowel, to complete repair work [PLASTERER (construction)]. May be designated according to material used as Cinder-Block Mason (construction); Concrete-Block Mason (construction); Terra-Cotta Mason (construction); or work performed as Bricklayer, Maintenance (any industry). When specializing in construction of specified structures, is designated according to specialty as Bricklayer, Sewer (construction); Chimney Builder, Brick (construction). May be designated: Block Setter, Gypsum (construction); Hollow-Tile-Partition Erector (construction); Plaster-Block Layer (construction); Silo Erector (construction).

GOE: 05.05.01 STRENGTH: H GED: R4 M3 L3 SVP: 8 DLU: 77

869.664-014 CONSTRUCTION WORKER I (construction)

Performs any combination of following duties on construction projects, usually working in utility capacity, by transferring from one task to another where demands require worker with varied experience and ability to work without close supervision: Measures distances from grade stakes, drives stakes, and stretches tight line. Bolts, nails, aligns, and blocks up under forms. Signals operators of construction equipment to facilitate

alignment, movement, and adjustment of machinery to conform to grade specifications. Levels earth to fine grade specifications, using pick and shovel. Mixes concrete, using portable mixer. Smooths and finishes freshly poured cement or concrete, using float, trowel, or screed. Positions, joins, aligns, and seals pipe sections. Erects scaffolding, shoring, and braces. Mops, brushes, or spreads paints or bituminous compounds over surfaces for protection. Sprays materials such as water, sand, steam, vinyl, paint, or stucco through hose to clean, coat, or seal surfaces. Applies caulking compounds by hand or with caulking gun to seal crevices. Grinds, sands, or polishes surfaces, such as concrete, marble, terrazzo, or wood flooring, using abrasive tools or machines. Performs variety of tasks involving dextrous use of hands and tools, such as demolishing buildings, sawing lumber, dismantling forms, removing projections from concrete, mounting pipe hangers, and cutting and attaching insulating material. Work is usually performed with other workers. May be designated according to duties performed as Batterboard Setter (construction); Billboard-Erector Helper (construction); Bricklayer, Paving Brick (construction); Caulker (construction). May be designated: Carpenter Helper, Maintenance (construction); Cement Mason, Highways And Streets (construction); Cement Sprayer, Nozzle (concrete prod.; construction); Concrete-Wall-Grinder Operator (construction); Corrugated-Sheet-Material Sheeter (construction); Cradle Placer (construction); Dampproofers (construction); Drain Layer (construction); Duct Installer (construction; mfd. bldgs.); Fine Grader (construction); Fitter (construction; pipe lines); Floor Finisher (construction); Floor-Sanding-Machine Operator (construction); Form-Builder Helper (construction); Form Setter, Metal-Road Forms (construction); Form Setter, Steel Forms (construction); Form Setter, Steel-Pan Forms (construction); Foundation-Drill Operator Helper (construction); Glazier Helper (construction); Ground Wirer (construction); Holder, Pile Driving (construction); Hydrant-And-Valve Setter (construction); Insulation Installer (construction); Joist Setter, Adjustable Steel (construction); Laborer, Adjustable Steel Joist (construction); Laborer, Carpentry (construction); Laborer, Carpentry Dock (construction); Layer-Out, Plate Glass (construction); Lightning Rod Erector (construction); Ornamental-Iron-Worker Helper (construction); Painter, Rough (construction); Painter, Structural Steel (construction); Paint-Striping-Machine Operator (construction); Permacrete Dresser (construction); Pile-Driving Setter (construction); Pipe Caulker (construction); Pipe Layer (construction); Pipeline Worker (construction); Plumber Helper (construction); Pointer, Caulker, And Cleaner (construction); Pump-Erector Helper (construction); Receiver Setter (construction); Roofer, Vinyl Coating (construction); Seat Installer (construction); Septic-Tank Servicer (construction); Sewer Tapper (construction); Shorer (construction); Stone Polisher (construction); Tapping-Machine Operator (construction); Tuck Pointer (construction); Waterproofers (construction); Well-Drill-Operator Helper, Cable Tool (construction); Well-Drill-Operator Helper, Rotary Drill (construction); Wrecker (construction).

GOE: 05.10.01 STRENGTH: H GED: R3 M3 L3 SVP: 4 DLU: 88

861.381-038 STONEMASON (construction)

Sets stone to build stone structures, such as piers, walls, and abutments, or lays walks, curbstones, or special types of masonry, such as alberene (acid-resistant soapstone for vats, tanks, and floors), using mason's tools: Shapes stone preparatory to setting, using

chisel, hammer, and other shaping tools. Spreads mortar over stone and foundation with trowel and sets stone in place by hand or with aid of crane. Aligns stone with plumbline and finishes joints between stone with pointing trowel. May spread mortar along mortar guides, to ensure joints of uniform thickness. May clean surface of finished wall to remove mortar, using muriatic acid and brush. May be designated according to masonry work performed as Alberene-Stone Setter (construction); Artificial-Stone Setter (construction); Curb Setter (construction); Flagsetter (construction); Granite Setter (construction); Gutter-Mouth Cutter (construction). May set cut and dressed ornamental and structural stone in buildings and be designated Stone Setter (construction).

GOE: 05.05.01 STRENGTH: M GED: R4 M3 L3 SVP: 7 DLU: 77

861.381-046 TERRAZZO WORKER (construction) alternate titles: artificial-marble worker; floor grinder

Applies cement, sand, pigment, and marble chips to floors, stairways, and cabinet fixtures to attain durable and decorative surfacing according to specifications and drawings: Spreads roofing paper on surface of foundation. Spreads mixture of sand, cement, and water over surface with trowel to form terrazzo base. Cuts metal division strips and presses them into terrazzo base so that top edges form desired design or pattern and define level of finished floor surface. Spreads mixture of marble chips, cement, pigment, and water over terrazzo base to form finished surface, using float and trowel. Scatters marble chips over finished surface. Pushes roller over surface to imbed chips. Allows surface to dry, and pushes electric-powered surfacing machine over floor to grind and polish terrazzo surface. Grinds curved surfaces and areas inaccessible to surfacing machine, such as stairways and cabinet tops, with portable hand grinder. May precast terrazzo blocks in wooden forms. May perform finishing operations only and be designated Terrazzo Polisher (construction).

GOE: 05.05.01 STRENGTH: M GED: R4 M2 L3 SVP: 7 DLU: 77

87302 Brick Masons

Definition

Lay building materials, such as brick, structural tile, concrete, cinder, glass, gypsum, and terra cotta block (except stone), to construct or repair walls, partitions, arches, sewers, and other structures. Include refractory brick masons.

Tasks

1. Lays and aligns bricks, blocks, or tiles to build or repair structures or high temperature equipment, such as cupola, kilns, ovens, or furnaces.
2. Applies and smooths mortar or other mixture over work surface and removes excess, using trowel and hand tools.
3. Examines brickwork or structure to determine need for repair.
4. Measures distance from reference points and marks guidelines to lay out work, using plumb bobs and levels.
5. Calculates angles and courses and determines vertical and horizontal alignment of courses.
6. Mixes specified amount of sand, clay, dirt, or mortar powder with water to form refractory mixture.
7. Fastens or fuses brick or other building material to structure with wire clamps, anchor holes, torch, or cement.
8. Breaks or cuts bricks, tiles, or blocks to size, using edge of trowel, hammer, or power saw.
9. Cleans working surface to remove scale, dust, soot, or chips of brick and mortar, using broom, wire brush, or scrapper.
10. Removes burned or damaged brick or mortar, using sledgehammer, crowbar, chipping gun, or chisel.
11. Sprays or spreads refractory material over brickwork to protect against deterioration.