



BUILDINGS WORKER

JC: MA310
PG: MW-III

PC: 301
BU: 01
May 2017

DEFINITION

Under general supervision, performs a wide variety of skilled repair, maintenance and alteration of District buildings and related facilities including carpentry and cabinetry, plumbing, flooring, interior finishing and concrete work; performs related work as assigned.

CLASS CHARACTERISTICS

This is the journey level classification performing skilled building repair and maintenance. Incumbents work independently according to accepted standards of the trade, supervisory direction and District procedures and practices, and are expected to select appropriate tools, materials and approach to the work.

EXAMPLES OF DUTIES

Carpentry

1. Builds and repairs stairs, fences, gates, decks, platforms, sheds and related; plans, designs and builds a variety of cabinets, cupboards and counter bases;
2. Installs glass; frames walls and partitions; repairs and modifies furniture; measures, cuts, installs and repairs carpeting;
3. Hangs, frames and adjusts doors and window frames; hangs sheetrock, tapes and textures walls; installs paneling; installs and repairs suspended ceilings, acoustical tiles and cement ceilings;
4. Caulks seams, joints and cracks; cuts, shapes, applies and installs laminates, formica, plastics and related;
5. Constructs forms for: Sidewalks, Walk-paths, Bus pads, Footings, foundations, concrete pads & patios, and general formwork as required.
6. Constructs wood working and repairs includes but not limited to Ladder building, stair construction with platforms, partitions, scaffolding, barricades, crates and shipping works, gazebos, decks, fences, sheds and building extensions.
7. Operates and maintains Wood shop machinery, Table saws, Radial Arm Saws, Band saws, Planers, Shapers, Routers, doweling tools, Chop Saws, Sanders, Panel saws and general shop powered tools.

Masonry

8. Constructs forms, sets rebar, pours and finishes concrete, aggregate and related paving;
9. Installs, replaces and repairs linoleum; lays out, measures, installs, repairs, grouts and seals ceramic tile; repairs terrazzo flooring; installs hollow cable carrying floors;
10. Operates jackhammer, ladder, backhoe, dump truck and cement ruck; measures and levels grades for concrete work; installs and repairs brick, cobblestone and masonry;
11. Performs General concrete work: Compacts sub-base, sets rebar and mesh, pours and finishes concrete to specified finish. Exposed Aggregate, Broom, Stamped and various colored finished.
12. Installs and repair: Concrete retaining walls, parking structure and other District concrete structures.

Plumbing

13. Repairs and installs supply and drainage pipe;
14. Augers and clears pipes and drains; installs and repairs sinks, toilets, drinking fountains and related fixtures;
15. Inspects and repairs District plumbing systems.
16. Installs and repairs Domestic hot and cold water lines; Installs and repairs hot water heater, Garbage disposals, Expansion bladders, Anti-backflow devices, Hose bib (wall and floor mount) hydrants.
17. Installs and repairs Angle stops, Flushometers, Faucets, Regulators, Back-checks, meters, gauges, DMV's and Sewer Lines both storm and sanitation.

Metal

18. Installs metal stud, vinyl/clip and modular walls and partitions; estimates quantities of materials required; determines and gathers necessary tools, supplies and equipment;
19. Performs general metal work related to District property.
20. Installs and repairs Station service gates and fences, Aluminum, Stainless steel, Wrought Iron, Cyclone, and other types of fence and gate work; Inspects, install and repair station metal wall systems, with metal framework, and ceiling systems.
21. Installs, inspects and repair all district doors and hardware. Install repair and adjust hydraulic door closers and arms, door steps, hinges, vents and louvers.

Other Duties

22. Reads and interprets blueprints and diagrams; may design, layout and diagram work to be performed;
23. Discusses work to be performed with foreworker, requester or others;
24. Calculates and measures quantities, angles, lengths, sizes, etc.;
25. Loads and unloads material and equipment; drives District vehicles to job sites;
26. Maintains stock materials, tools, equipment and inventory; maintains records of work performed, materials used and related.

QUALIFICATIONS

Knowledge of:

- Methods, materials, tools and equipment used in carpentry, plumbing, concrete, brick and masonry work, interior finishing and glass installation;
- Methods and techniques of estimating materials and supply quantities;
- Mathematics for calculating and measuring distance, length, volume and angles;
- Use and maintenance of hand and power tools common to the trade;
- Safety practices and procedures.

Skill in:

- Performing skilled carpentry, forming and cabinetry; installing and repairing plumbing, piping and plumbing-related fixtures;
- Installing, taping, texturing and finishing sheetrock and plaster wall surfaces;
- Using and maintaining hand and power tools common to the trade;
- Operating backhoes, loaders, jackhammers, cement mixers and dump trucks;
- Reading and interpreting blueprints, diagrams and manuals;
- Calculating and measuring quantities, distance, volume and angles;
- Communicating effectively with those contacted in the course of the work;
- Keeping simple written records.

MINIMUM QUALIFICATIONS

Possession of a high school diploma, GED, or recognized equivalent AND Completion of an apprenticeship in any of these Building Related Trades: Carpentry, Plumbing and/or Masonry; Or one year of journey level experience with tradesmen card in either Carpentry, Plumbing and/or Masonry; Or a Class B General Buildings Contractor License with 5-years active status.

Other Requirements:

Must possess a valid California driver's license and have a satisfactory driving record; must be willing to work underground and at heights to thirty feet; must have physical ability to climb, stoop and crawl to reach work and lift and carry up to 100 pounds.