



Board of Education of the City of St. Louis
CAREER OPPORTUNITY

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| Position Title: | Carpenter |
| Payroll/Personnel Type: | 11 Month |
| Reports to: | Executive Director Operations or Designee |

Position Summary:

This is a skilled work at the journeyman level in the construction, alteration, repair and maintenance of wooden structures, equipment and articles. Employees of this class are responsible for performing skilled carpentry tasks in accordance with standard practices of the trade. Work involves the construction and maintenance of various articles of wood involving the use of standard tools and power driven machinery. Work includes repairing doors, windows, and other parts of buildings; repairing decks, chairs and concrete forms; and performing hand and bench work in a carpentry shop. Work assignments are received in the form of oral or written orders that may be accompanied by illustrative sketches and plans.

Essential Functions:

- Repairs and maintains plumbing by replacing defective washers, replacing or mending broken pipes and opening clogged drains.
- Assembles pipe sections, tubing and fittings, using screws, bolts, solder, plastic solvent, and caulking.
- Locates and marks locations of pipe installations and bores holes in floor joists for pipes, using tape measure, template, and power auger and/or other hand/power tools.
- Selects and inserts precut pieces of copper tubing and fittings in holes.
- Connects tubing and fittings, using solder paste or solder and torch, to form sewer, drain and water lines.
- Selects plumbing fixtures, such as toilets, sinks and other items as needed from storage.
- Installs pipes assemblies, fittings, valves and fixtures, such as sinks and toilets using hand and power tools.
- Squares tubing projecting through floor to ensure snug fit of fixtures, using square, wedges, and hammer, and solders fixtures to tubing.
- Cuts, threads, and bends pipe to require angle, using pipe cutters, pipe-threading machine, and pipe bending machine.
- Reads blueprints, specifications and work orders
- May direct workers engaged in pipe cutting and preassembly and installation of plumbing systems and components.
- Performs other duties as assigned.

Education:

- Graduation from general or technical high school, and/or Associate or Technical degree preferred.

Experience:

- Possession of City of St. Louis Plumbing License and a minimum of six years of Journeyman level plumbing experience



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Knowledge, Skills, and Abilities:

- Knowledge of materials, methods, and the appropriate tools to construct objects, structures and buildings.
- Knowledge of machines and tools, including their designs, uses, benefits, repair and maintenance.
- Knowledge of equipment, tools, mechanical devices, and their uses to produce motion, light, power, technology and other applications.
- Ability to work with numbers, their operations, and interrelationship including arithmetic, algebra, geometry, calculus, statistics, and their applications.
- Considerable knowledge of the standard practices, methods, tools and equipment of the plumbing trade.
- Knowledge of hazards and safety precaution of the plumbing trade.
- Ability to work from blueprints, sketches and specifications.
- Skill in the use of the tools and equipment of the plumbing trade.
- Ability to understand and carry out oral and written instructions

Physical Requirements:

- Standing, walking, sitting, climbing, stooping or crouching, kneeling, reaching, pushing, grasping, talking and hearing.
- Clarity of vision at 20 feet or more and 20 inches or less, bring objects into sharp focus and see up and down or to the right or left while fixed on a point.
- Medium work – exert up to 5 pounds of force continuously and/or over 60 pounds of force frequently to lift, carry, push, pull or otherwise move objects.
- Must be physically able to operate a motor vehicle
- Must be able to exert up to 10 pounds of force occasionally, and/or a negligible amount of force constantly to lift, carry, push, and pull or otherwise move objects, including the human body
- Light Work usually requires walking or standing to a signification degree

Working Conditions and Environment:

- Work is routinely performed inside and outside conditions.
- Must be able to withstand extreme temperatures as well as potentially hazardous environments.
- Must be physically able to wear dust mask/respirator and face protection

Disclaimer:

The information contained in this job description is for compliance with the Americans with Disabilities Act (ADA) and is not an exhaustive list of the duties performed for this position. Additional duties are performed by the individuals currently holding this position and additional duties may be assigned.

