



## Pipe Fitter

**Work Hours:** 7:00 – 5:30 (Monday through Thursday)

**Job Description:** Lays out, assembles, installs, and maintains pipe systems, pipe supports, and related hydraulic and pneumatic equipment for steam, hot water heating, cooling, lubricating, sprinkling, and industrial production and processing systems, applying knowledge of system operation and following blueprints.

### Responsibilities:

- Plans installation or repair to avoid obstructions and interference with other systems
- Cuts pipe using saws, pipe cutter, hammer and chisel, cutting torch, and pipe cutting machine.
- Threads pipe using pipe threading machine.
- Bends pipe using pipe bending tools and pipe bending machine
- Assembles and installs variety of metal and nonmetal pipes, tubes, and fittings including iron, steel, copper, and plastic.
- Connects pipe using threaded, caulked, soldered, brazed welded, and cemented joints with hand tools.
- Secures pipe to structures with brackets, clamps, and hangers, using hand tools and power tools.
- Installs and maintains hydraulic and pneumatic components of machines and equipment such as pumps and cylinders using hand tools.
- Will be required to pressurize and test systems for leaks.
- Welds pipe supports to structural steels members.
- Piping layout.
- Material Requisition.
- Equipment Requisition.
- Test Piping Systems.
- Recognize and Address Safety Issues.
- Plan and rig as required for installation.
- Plumbing.
- Responsible for Tools and Equipment

### Knowledge and Ability:

- Basic blueprint reading.
- Basic knowledge of cutting and fitting procedures commonly used
- Leadership ability.

- Read and decipher blueprints.
- Communication skills.
- Leadership skills.
- As-built record keeping.
- Scheduling.
- Recognize and address safety aspect of project.

**Physical Requirements:**

- Able to stand 10 hours or more.
- Knowledge of body mechanics.
- Able to bend and stoop continuously.
- Good depth perception.
- Able to lift 80lbs and carry 50lbs.
- Able to reach and pull 80-100lbs
- Good sense of balance
- Must be able to climb as required by job assignment.