

## **Pipe Fabricator**

### **UY4164**

#### **Job Overview:**

The Pipe Fabricator is primarily responsible for installing, maintaining, repairing, and modifying piping systems that support plant operations. This role ensures the safe and efficient operation of utilities such as steam, water, air, gas, chemicals, and other process or facility-related piping systems. The position works closely with maintenance, engineering, and operations teams to minimize downtime and maintain compliance with safety and regulatory standards. Responsibilities may vary by account based on business needs and client requirements, and additional duties may be assigned as necessary.

#### **General Responsibilities:**

- Install, inspect, maintain, and repair piping systems, valves, fittings, and related components.
- Read and interpret blueprints, Piping and Instrumentation Diagrams (P&IDs), schematics, and isometric drawings.
- Perform pipe cutting, threading, bending, welding, brazing, and fitting as required.
- Lay out, measure, cut, thread, and bend metal components and pipes using saws, torches, and grinders.
- Join pipe sections and structural components using techniques such as Gas Tungsten Arc Welding (GTAW a/k/a Tungsten Inert Gas (TIG) Welding), Gas Metal Arc Welding (GMAW a/k/a Metal Inert Gas (MIG) Welding), or Shielded Metal Arc Welding (SMAW a/k/a Stick Welding) to meet industry standards.
- Conduct pressure tests, hydrostatic tests, and inspections to ensure system integrity and detect leaks.
- Troubleshoot leaks, pressure issues, and system failures.
- Support plant shutdowns, turnarounds, and emergency repairs.
- Works with and supports other trade disciplines as assigned.
- Follow Lockout/Tagout (LOTO), confined space, hot work, and other safety procedures.
- Coordinate with contractors and other maintenance trades.
- Maintain accurate maintenance records and documentation.
- Ensure compliance with OSHA, local codes, and plant safety policies
- Keep work areas clean and organized.

#### **Job Qualifications**

##### **Experience/Knowledge:**

- 1-5 years of industrial or plant pipefitting experience.
- Completion of a pipefitter apprenticeship or equivalent experience preferred.

- Knowledge of industrial/facility piping systems and materials (carbon steel, copper, polyvinyl chloride (PVC)).
- Experience with welding and/or brazing preferred (certifications a plus)
- Ability to read blueprints, P&IDs, and schematics.
- Skilled in pipe cutting, threading, bending, welding, brazing, and basic fabrication.
- Basic math skills for calculating angles and measurements.
- Understanding of OSHA and plant safety requirements, including LOTO, confined space, and hot work.
- Strong troubleshooting, problem-solving, and teamwork skills.

### **Skills/Aptitude:**

- Mechanical aptitude.
- Strong safety awareness.
- Ability to work independently and with a team.
- Effective communication and problem-solving skills.

### **License/Qualifications**

#### **Certifications**

- Holds appropriate license/certification for the specific work to be done in the local jurisdiction and state in which work will be done.
- A valid driver's license may be required.

#### **General Qualifications:**

- Willingness to be open to learning and growing.
- Maturity of judgment and behavior.
- Maintains high standards for work areas and appearance.
- Attends work and shows up for scheduled shift on time with satisfactory regularity in light of Sodexo time and attendance policy and/or client operating hours.
- Ability to work a flexible schedule if needed. May require overtime, shift work, or on-call availability.
- Must comply with any dress code requirements.

#### **Physical Requirements:**

- Close vision, distance vision, peripheral vision, depth perception, and the ability to adjust focus, with or without corrective lenses.
- Significant walking or other means of mobility.
- Ability to work in a standing position for extended periods of time, throughout the entire duration of a shift, which may exceed 8 hours.
- Ability to reach, bend, stoop, push and/or pull and frequently lift up to 35 pounds and occasionally lift/move up to 40 pounds.

**Working Conditions (may add additional conditions specific to defined work location):**

- Generally, work is performed in an industrial plant environment in an indoor setting in a controlled temperate environment; however, may be exposed to heat, noise, chemicals, and outdoor conditions as required.
- The noise level in the work environment is usually moderate to loud.
- Wears protective clothing and/or Personal Protective Equipment required by the work environment or governmental regulations.

**Unit Description: Identify unit-specific job tasks and qualifications in relation to this job. List any language(s), software or registrations required to perform this job. Please describe the typical writing, speaking and presentation skills required for this job and identify the audience.**

**Employee signature below constitutes employee's understanding of the responsibilities, qualifications, requirements and working conditions of the position.**

Employee \_\_\_\_\_ Date \_\_\_\_\_  
Manager \_\_\_\_\_ Date \_\_\_\_\_