



## **PIPEFITTER (4204 Series)**

### **Responsibilities**

- Determine the extent of repairs required for piping systems or equipment
- Interpret and apply building plans, blueprints, and sketches to plan and layout the routing, placement, pitch, elevation, pressure reduction, expansion, and operation of different piping systems and equipment
- Inspect and test systems for damage, leaks, and blockages in lines, expansion joints, valves and traps
- Operate hand and power tools (e.g., hydraulic benders, presses, power saws, drills, threaders, cutters) to install or repair piping systems

### **Qualifications**

- Install, modify, maintain, troubleshoot and repair industrial or domestic high-temperature water and high-pressure piping systems and equipment
- Plan, lay out and install piping systems and equipment from blueprints, sketches, etc.
- Perform soft soldering and silver brazing with an oxyacetylene torch
- Interpret instructions and specifications, including blueprint reading
- Use and maintain tools and equipment
- Demonstrate knowledge of equipment assembly, installation, repair, etc.

### **Physical Effort:**

- You will make repairs and installations from ladders, scaffolding and platforms, and where the systems and equipment to be worked on are in hard-to-reach places
- The work involves standing, stooping, bending, kneeling, climbing and working in uncomfortable and tiring positions
- You may be required to handle, carry, lift and set up parts and equipment weighing up to 50 pounds
- You may be required on occasion to lift and carry items weighing over 50 pounds

### **Working Conditions:**

- The work is done inside and outside, and is usually dirty, dusty and greasy
- You may be required to make installations and repairs in areas where bad smelling fumes are present. You may be frequently exposed to uncomfortable heat conditions.
- You may be exposed to the possibility of strains, cuts, bruises, burns, infections and broken bones