

STEAMFITTERS TRAINING SCHOOL, INC.

Job Description

STEAMFITTER (CONSTRUCTION) APPRENTICESHIP

Work Description:

Steamfitters (Construction) lay out, assemble, fabricate, troubleshoot, maintain and repair piping systems which carry water, steam, chemicals, compressed air, liquids, gases or fuel used in energy production, heating, cooling, food processing, manufacturing, lubricating and other process piping systems.

Installation of process piping systems includes basic knowledge as follows:

- Blueprint reading, drawings, specifications, detailed isometric sketches and layout of pipe and equipment fabrication and installation
- Rigging, setting, supporting and piping of related equipment, valves, fittings, etc.
- Measure, cut, bend, prepare and join all types of pipe, including threading, welding, brazing, soldering, cementing, fusion and mechanical joining
- Preparation of construction site for installation of equipment and piping, including walls, floors, ceilings, rooftops, shafts, etc.
- Pressure test all systems to detect leaks prior to startup
- Works independently on proper piping practices in the industry and confirms proper function of installed/repared piping systems and related equipment

Working Conditions:

Steamfitters work both indoors and outdoors at physically demanding tasks that often require climbing and heavy lifting (over 50 lbs.), strenuous physical stamina with walking, standing and working in cramped or high areas. Operation of various hand tools, power-actuated tools, heavy equipment, weld machines, cutting torches and other industry-related equipment and tools is required. The work is performed at various jobsites, including new construction, hospitals, industrial, chemical, power and waste water treatment plants, and most other commercial or institutional buildings, as well as residential sites. The work could be in buildings, trenches, on roofs or inside tunnels or confined spaces. Work usually requires exposure to weather conditions and loud noise.

Minimum Qualifications:

18 Years of Age

Valid Driver's License

High School Graduate or G.E.D.

Meet/Exceed Required Norms on Aptitude Test

Wisconsin Apprenticeship Programs:

Five-year Apprenticeship

576 Plus Hours Paid Related Instruction (as required by industry)

9,326 Plus Hours On-The-Job Instruction (as required by industry)

Unpaid Related Instruction Determined by Local Program