

# Local 400 Plumbers & Steamfitters

## Careers in the Pipe Trades

### Youth Apprenticeship Program Information

Local 400's Youth Apprenticeship Program allows students to explore a career in the Pipe Trades as a part of the student's regular high school schedule. Students are able to participate in on-the-job training and job-related classroom instruction related to enhance what is being learned on the job; this work-based learning allows students to experience first-hand career awareness, career exploration, and career preparation to create a pipeline for becoming a State of Wisconsin Registered Apprentice and skilled, credentialed Journeyman in the Pipe Trades.

### Working Conditions:

Individuals work indoors and outdoors in adverse weather conditions. The work can be active and strenuous requiring walking, standing, stooping, crawling, heavy lifting, working in confined spaces, and working in some height extremes. Some local travel may be required.

### Qualifications:

- Youth Apprenticeship Program:
  - Enrolled in High School, 16 years of age through high school graduation
  - Reliable Transportation to School and Work

### Pipe Trades Opportunities

**Fabricators** read and interpret blueprints or product specification instructions to fabricate and assemble pipe products. Daily tasks may include fitting pipe to isometric spool drawings; welding pipe according to code using numerous processes such as MIG, TIG, Flux Core, Stick and more; performing x-ray quality welds; passing weld qualification tests; following quality control procedures to ensure fabricated pipe meets company and customer specification. Fabricators typically work in a shop environment, but can occasionally assist on construction jobsites as needed.

**HVAC/R (Heating, Ventilating, Air Conditioning, and Refrigeration) Service Technicians** maintain, warranty and diagnose/repair heating and cooling systems. Daily tasks may include performing preventative maintenance by cleaning, calibrating, adjusting, monitoring, and repairing HVAC systems; examine, locate, diagnose, isolate, and troubleshoot HVAC system errors; conduct emergency service to make rapid repairs to customer HVAC systems; repair and replace defective parts in HVAC units, equipment and their controls (switches, fan controls, damper motors, louvers, filters, controls, belts, compressors, heat exchangers, pressure controls, safety valves, and more). This work is often performed in schools, hospitals, commercial buildings, industrial buildings, etc.

**Plumbers** are versatile in many aspects of the plumbing industry and perform a variety of tasks on a daily basis that may include preparing, installing, testing, maintaining, servicing and/or removing plumbing systems; setting and connecting plumbing and gas fixtures and appliances; cutting, threading, welding, brazing, soldering, and bending pipe; installing pipe assemblies, fittings, valves and appliances. This work is often performed in schools, hospitals, commercial buildings, industrial buildings, wastewater plants, etc.

**Steamfitters** fabricate, install, maintain, and repair piping systems. Daily tasks may include rigging, setting, and supporting piping related equipment, valves, and fittings; brazing; soldering; pressure testing systems for leaks; fusions and mechanical joining of pipes, threading pipe; welding pipe using processes such as MIG, TIG, Flux Core, Stick and more. This work is often performed in schools, hospitals, commercial buildings, industrial buildings, chemical plants, power plants, wastewater plants, etc. The pipes in these facilities are often under high pressure with steam, chemicals, compressed air, liquids, fuel and more requiring a Steamfitters expertise for installation and repair.



Scan the QR code to complete the Wisconsin Pipe Trades Career Portal Questionnaire.

For additional information, please contact Nick Johnsen, Recruitment Coordinator  
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