

MASSACHUSETTS PIPEFITTING APPRENTICE

IMPORTANT CMR UPDATE

****Applicants whose application for examination is dated and received by the Division prior to November 9, 2026: a. Shall have completed successfully 350 hours study in a pipefitter's course approved by the Bureau and shall have worked for not less than 6,000 hours as an apprentice, such work time to be verified by a licensed Master Pipefitter employer.**

Unrestricted Pipefitting Journeyman License Requirements

- High School Diploma or its equivalent
- 350 classroom hours (ASME)**
- 6,000 field hours obtained on the job
- Two different cards must be obtained prior to the start of school. Apprentices **MUST** apply for an apprentice license through the Bureau of Pipefitters, Refrigeration Technicians, and Sprinklerfitters **AND** register as an apprentice through the Division of Apprenticeship Standards.

Pipefitter Master's License Requirements

- Additional 100 classroom hours (ASME)
- Additional 2,000 field hours
- The ASME Correspondence Course = 350 hours and is only available for those who have been in the field for 6+ years

BUREAU OF PIPEFITTERS, REFRIGERATION TECHNICIANS, AND SPRINKLERFITTERS

Address: One Federal Street, Suite 600
Boston, MA 02110

Phone: (617) 727-3200

mass.gov/dps - Engineering Division

PIPEFITTING 1 *not offered this year

Course Curriculum Areas of Study:

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| • Basic Safety | • Pipefitting Power Tools |
| • Introduction to Construction Math | • Oxyfuel Cutting |
| • Introduction to Hand Tools | • Ladder & Scaffolds |
| • Introduction to Power Tools | • Motorized Equipment |
| • Introduction to Construction Drawings | • Piping Systems |
| • Basic Rigging | • Drawing & Detail Sheets |
| • Basic Communication Skills | • Identifying & Installing Valves |
| • Basic Employability Skills | • Pipefitting Trade Math |
| • Introduction to Materials Handling | • Threaded Pipe Fabrication |
| • Orientation to the Trade | • Socket Weld Pipe Fabrications & Butt Weld |
| • Pipefitting Hand Tools | Pipe Fabrication |

PIPEFITTING 2

Course Curriculum Areas of Study:

- Excavations
 - Underground Pipe Installations
 - Rigging Equipment
 - Rigging Practices
 - Standards & Specifications
 - Advanced Trade Math
 - Motorized Equipment II
 - Introduction to Aboveground Pipe Installations
 - Field Routing & Vessel Trim
 - Pipe Hangers & Supports
 - Testing Piping Systems & Equipment
 - Advanced Blueprint Reading
 - Advanced Pipe Fabrication
 - Stress Relieving & Aligning
 - Maintaining Valves
 - Introduction to Supervisory Roles
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PIPEFITTING 3

Course Curriculum Areas of Study:

- Excavations
- Underground Pipe Installations
- Rigging Equipment
- Rigging Practices
- Standards & Specifications
- Advanced Trade Math
- Motorized Equipment II
- Introduction to Aboveground Pipe Installations
- Field Routing & Vessel Trim
- Pipe Hangers & Supports
- Testing Piping Systems & Equipment
- Advanced Blueprint Reading
- Stress Relieving & Aligning
- Maintaining Valves
- Introduction to Supervisory Roles