

## **MASSACHUSETTS SPRINKLERFITTER APPRENTICE**

### **Sprinklerfitter Journeyman License Requirements**

- High School Diploma or its equivalent
- 576 classroom hours
- 8,000 field hours
- Apprentices **MUST** apply for an apprentice license through the Bureau of Pipefitters, Refrigeration Technicians, and Sprinklerfitters

## **BUREAU OF PIPEFITTERS, REFRIGERATION TECHNICIANS, AND SPRINKLERFITTERS**

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

Phone: (617) 727-3200

[mass.gov/dps](http://mass.gov/dps) - Engineering Division

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### **SPRINKLERFITTING 1**

#### **Course Curriculum Areas of Study:**

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|---|--|
| • Basic Safety                          | • Orientation to the Trade               |
| • Introduction to Construction Math     | • Introduction to Components and Systems |
| • Introduction to Hand Tools            | • Steel Pipe                             |
| • Introduction to Power Tools           | • CPVC Pipe and Fittings                 |
| • Introduction to Construction Drawings | • Copper Tube Systems                    |
| • Basic Rigging                         | • Underground Pipe                       |
| • Basic Communication Skills            |  |

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### **SPRINKLERFITTING 2**

#### **Course Curriculum Areas of Study:**

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|---|----------------------------------|
| • Hangers, Supports, Restraints, and Guides | • Shop Drawings                  |
| • General Purpose Valves                    | • Standard Spray Fire Sprinklers |
| • General Trade Math                        | • Wet Fire Sprinkler Systems     |
|   | • Dry-Pipe Systems               |

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### **SPRINKLERFITTING 3**

#### **Course Curriculum Areas of Study:**

- Deluge/Preaction Systems
- Standpipes
- Water Supplies
- Fire Pumps
- Application-Specific Sprinklers and Nozzles

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### **SPRINKLERFITTING 4**

#### **Course Curriculum Areas of Study:**

- System Layout
- Inspection, Testing, and Maintenance
- Special Extinguishing Systems
- Introductory Skills for Foreman
- Procedures and Documentation