



**American Fire
Sprinkler Association**

VIP Course Schedule – Level 2 Begins October 8th, 2024

The course schedule contains the following components:

- Schedule for live lessons
 - *Two identical lessons are offered on each date listed below to accommodate varying time zones: **10:00am Central, and 4:00pm Central**. Apprentices need only attend one of these two identical lessons on each live lesson date.*
- Performance task schedule
- Learning objectives for modules

Lesson	Date	Subjects	Performance Tasks	Related Modules
1	8-Oct-24	Hangers, Supports, and Restraints: <ul style="list-style-type: none">● Pipe hanger assemblies	Hangers, Supports, and Restraints: <ul style="list-style-type: none">● Install a hanger on a wood joist● Install a post-installed anchor● Cut a hanger rod to a specified length	18201
2	22-Oct-24	Hangers, Supports, and Restraints: <ul style="list-style-type: none">● Seismic bracing● Firestopping assemblies	Hangers, Supports, and Restraints: <ul style="list-style-type: none">● Make up and install seismic brace.	18201
3	5-Nov-24	General Purpose Valves <ul style="list-style-type: none">● Indicating control valves● Trim valves	General Purpose Valves <ul style="list-style-type: none">● Install a gate valve.● Install a supervisory (tamper) switch.● Install a butterfly valve.	18202

Lesson	Date	Subjects	Performance Tasks	Related Modules
4	19-Nov-24	General Purpose Valves <ul style="list-style-type: none"> • Supply system valves • Pressure control and air venting valves 	General Purpose Valves <i>No tasks for this section.</i>	18202
5	3-Dec-24	Math for Sprinkler Fitters <ul style="list-style-type: none"> • Use basic math operations to solve problems. • Demonstrate practical calculation related to sprinkler systems. 	Math for Sprinkler Fitters <i>No tasks for this section.</i>	18203
6	17-Dec-24	Math for Sprinkler Fitters <ul style="list-style-type: none"> • Practice using math. 	Math for Sprinkler Fitters <i>No tasks for this section.</i>	18203
	23-Dec-24	Supervisor Performance Task Log Due - Lessons 1-6		
7	7-Jan-25	Shop Drawings <ul style="list-style-type: none"> • Drawings used in sprinkler system installation. 	Shop Drawings <i>No tasks for this section.</i>	18204
8	21-Jan-25	Shop Drawings <ul style="list-style-type: none"> • Common symbols used in sprinkler system shop drawings • Building Information Modeling (BIM) 	Shop Drawings <ul style="list-style-type: none"> • Use an instructor-supplied shop drawing to identify various types of information, including the sprinkler legend, title block, north arrow, sprinkler type and temperature, and pipe size. 	18204
9	4-Feb-25	Shop Drawings <ul style="list-style-type: none"> • Practice /recap/creative development 	Shop Drawings <i>No tasks for this section.</i>	18204

Lesson	Date	Subjects	Performance Tasks	Related Modules
10	18-Feb-25	Standard Spray Sprinklers <ul style="list-style-type: none"> • Standard spray sprinkler characteristics • Types of occupancies • Types of construction 	Standard Spray Sprinklers <i>No tasks for this section.</i>	18205
11	4-Mar-25	Standard Spray Sprinklers <ul style="list-style-type: none"> • Sprinkler spacing requirements 	Standard Spray Sprinklers <ul style="list-style-type: none"> • Given an instructor-supplied obstruction scenario, space a standard coverage spray sprinkler to avoid obstruction. • Determine the maximum sprinkler spacing based on different types of construction. 	18205
	11-Mar-25	Supervisor Performance Task Log Due - Lessons 7-11		
12	18-Mar-25	Wet Pipe Sprinkler Systems <ul style="list-style-type: none"> • Wet pipe sprinkler system control valves 	Wet Pipe Sprinkler Systems <i>No tasks for this section.</i>	18206
13	8-Apr-25	Wet Pipe Sprinkler Systems <ul style="list-style-type: none"> • Types of switches 	Wet Pipe Sprinkler Systems <i>No tasks for this section.</i>	18206
14	22-Apr-25	Wet Pipe Sprinkler Systems <ul style="list-style-type: none"> • Hydrostatic testing and system troubleshooting 	Wet Pipe Sprinkler Systems <ul style="list-style-type: none"> • Complete a Contractor's Material and Test certificate for Aboveground Piping for a wet pipe sprinkler system. 	18206
15	6-May-25	Wet Pipe Sprinkler Systems <ul style="list-style-type: none"> • Summary/comprehension of wet systems. 	Wet Pipe Sprinkler Systems <i>No tasks for this section.</i>	18206

Lesson	Date	Subjects	Performance Tasks	Related Modules
16	20-May-25	Dry Pipe Sprinkler Systems <ul style="list-style-type: none"> • Dry pipe sprinkler system valves 	Dry Pipe Sprinkler Systems <i>No tasks for this section.</i>	18207
17	3-Jun-25	Dry Pipe Sprinkler Systems <ul style="list-style-type: none"> • Pitching piping and installing drains • Air sources and air maintenance devices 	Dry Pipe Sprinkler Systems <i>No tasks for this section.</i>	18207
18	17-Jun-25	Dry Pipe Sprinkler Systems <ul style="list-style-type: none"> • Testing and troubleshooting dry pipe sprinkler systems 	Dry Pipe Sprinkler Systems <ul style="list-style-type: none"> • Complete a Contractor's Material and Test certificate for Aboveground Piping for a dry pipe sprinkler system. 	18207
19	1-Jul-25	Dry Pipe Sprinkler Systems <ul style="list-style-type: none"> • Summary/comprehension of dry systems 	Dry Pipe Sprinkler Systems <i>No tasks for this section.</i>	18207
20	15-Jul-25	Course Review <ul style="list-style-type: none"> • Test the knowledge gained throughout this course. 	Course Review <i>No tasks for this section.</i>	All
	22-Jul-25	Supervisor Performance Task Log Due - Lessons 12-20		

****Schedule is subject to change.****

Level 2

This level is comprised of Sprinkler Fitting: Level 2, 4th Edition. This level's textbooks are correlated to the 2019 edition of NFPA 13. The course is divided into 7 modules. The subjects and their learning objectives are found below.

Module 18201 Hangers, Supports and Restraints (17.5 hours)

- Select and install pipe hanger assemblies.
- Install seismic bracing.
- Identify firestopping assemblies.

Module 18202 General Purpose Valves (15 hours)

- Identify the function and operation of the indicating control valves used in sprinkler systems.
- Identify the function and operation of the trim valves used in sprinkler systems.
- Identify the function and operation of the supply system valves used in sprinkler systems.
- Identify the function and operation of the pressure control and air venting valves used in sprinkler systems.

Module 18203 Math for Sprinkler Fitters (20 hours)

- Use basic math operations to solve problems.
- Demonstrate practical calculations related to sprinkler systems.

Module 18204 Shop Drawings (30 hours)

- Identify the types of drawings used in sprinkler system installation.
- Identify common symbols used in sprinkler system shop drawings.
- Identify the advantages of Building Information Modeling (BIM).

Module 18205 Standard Spray Sprinklers (20 hours)

- Identify the characteristics of standard spray sprinklers.
- Identify NFPA 13 occupancy classifications.
- Identify the types of construction.
- Describe the installation considerations for standard spray sprinklers.

Module 18206 Wet Pipe Sprinkler Systems (25 hours)

- Identify the function and operation of wet pipe sprinkler system control valves.
- Identify the types of switches used in wet pipe sprinkler systems.
- Describe how to test and troubleshoot common wet pipe sprinkler system issues.

Module 18207 Dry Pipe Sprinkler Systems (25 hours)

- Identify the function and operation of dry pipe sprinkler system valves.
- Make calculations for installing piping at correct pitch to drains.
- Describe the air sources and air maintenance devices used in dry pipe sprinkler systems.
- Describe how to test and troubleshoot common dry pipe sprinkler system issues.