



Title:	Sprinkler Fitting Level 1
Edition:	4
Publication Date:	2021
Additional Instructor Requirement(s):	None
Prerequisite(s):	Core
Previous Edition Expiration Date:	Level 1, 3rd Edition, will expire on 06/30/2025



Book Module Number	Module Name	3 rd Edition Mod ID #	4 th Edition Mod ID #	4 th Edition Hours	3 rd Edition Hours	Equivalent Registry Module(s)	Performance Profile	Comments
---	Core	---	---	77.5	72.5	---	---	• Hours based on Core, 6 th edition, hours increased based on addition of new module.
1	Occupational Overview: The Sprinkler Industry	18101-13	18101	5	5	18101-13	No	<ul style="list-style-type: none"> • New title • Updated NFPA standards • Included inspection testing and maintenance • Removed metric conversions • Removed Performance Test
2	Introduction to Components and Systems	18102-13	18102	10	7.5	18102-13	No	<ul style="list-style-type: none"> • Added sections on understanding code, recessed and concealed sprinklers, thermal sensitivity, and pumps. • Updated and added art as well as features about preassembled manifolds and fusible link sprinklers.
3	Steel Pipe and Fittings	18103-13	18103	20	22.5	18103-13	Yes	<ul style="list-style-type: none"> • New title • Added sections on grooved mechanical branch tees, flexible sprinkler hose fittings, and extension fittings. • Increased detail and practical knowledge for trainees. • Updated and added art and features throughout.
4	CPVC Pipe and Fittings	18104-13	18104	12.5	10	18104-13	Yes	<ul style="list-style-type: none"> • New title • Added sections on installing sprinklers, hydrostatic testing, and installing CPVC signage. • Updated art.
5	Copper Tubing and Fittings	18105-13	18105	10	10	18105-13	Yes	<ul style="list-style-type: none"> • New title • Added sections on mechanical connections for copper tubing to include grooved and compression fittings as well as expanding the discussion of brazing equipment.
6	Underground Pipe	18106-13	18106	12.5	17.5	18106-13	Yes	<ul style="list-style-type: none"> • Added material on hydrant color codes, excavators and trenching machines, Call Before You Dig (811), shoring joining ductile iron pipe, and installing tracer wire. • Simplified structure by removing content on soil types and concrete.
			Total Hours	147.5	145			

Definitions:

- Lock-Down Module:** A module adopted “as-is” from another craft or an earlier edition of the same curriculum.
- Equivalent Module:** A module whose learning and performance outcomes match those of the newer editions and is therefore considered ‘equivalent’ in NCCER’s Registry.
- Interim Credential:** A module, or group of modules, whose learning and performance outcomes demonstrates competence of specific components in an occupational area and results in a unique credential in the Registry.

Color Highlight Legend:

- = No Performance Test
- = Lock-Down Module
- = Equivalent Module
- = Deleted