

SPRINKLER SYSTEM INSTALLER

First-year Apprentice Learning Plan

Please indicate in the appropriate course column the skills to be focused on in this 125-hour course.
Feel free to add skills specific to your work site.

Trade Skills and Tasks	RAP 15 125 hrs	RAP 25A 250 hrs	RAP 25B 375 hrs	RAP 25C 500 hrs	RAP 35A 625 hrs	RAP 35B 750 hrs	RAP 35C 875 hrs	RAP 35D 1000 hrs
	RAP 4236	RAP 5236	RAP 5237	RAP 5238	RAP 6236	RAP 6237	RAP 6238	RAP 6239
Demonstrates basic calculation and measurement specific to trade (metric/imperial)								
Uses proper rigging, lifting and climbing techniques								
Safely assembles and erects scaffolds and ladders								
Identifies and selects appropriate materials								
Demonstrates safe use of hand and power tools								
Reads and interprets drawings and blueprints								
Cuts, threads and grooves pipe								
Understands properties of water and atmosphere								
Installs and tests underground pipe and fittings								
Installs pipe supports and sleeves								
Installs mains and branch lines								
Installs drops and heads								
Installs a variety of valve types								
Installs a variety of alarm and monitoring devices								
Installs air supply								
Installs foam equipment								
Installs quick-opening devices								
Installs fire hose connections								
Tests system operations								
Recognizes and repairs defects and deficiencies								

Note: These skills and tasks are taken directly from the *Apprenticeship and Industry Training Record Book* (Blue Book) as a general guideline of the training required for a first-year RAP student.

Employer's Signature

Student's Signature

Off-campus Coordinator's Signature