

# Sprinkler & Fire Protection Installer

Certificate of Qualification 427A

*"I take my job seriously. We don't have room for error when fire is involved."*

Sprinkler and fire protection installers work with high-pressure and low-pressure pipeline systems carrying water, foam, gas, or air. Their work includes installing, repairing, maintaining, and testing sprinkler systems. They can work in residential or commercial environments, but this work is especially important for fire control systems.

**Unionized  
Journeyman  
Wage Rate:  
\$51.68/Hr**

(2022)



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Good analytic skills



Good physical fitness & stamina



Comfortable working at heights

## Entrance Requirements

- High school transcript or high school diploma (equivalent GED)
- Minimum Grade 12 numeracy/literacy (or post-secondary equivalent)

## Did You Know?

Sprinkler heads are individually activated by fire temperatures in excess of 155°. Residential fires are usually controlled with one sprinkler head. 90% of all fires are controlled with six or fewer heads.

## Key Skills & Attributes

- Strong communication, reading, numeracy and strong problem-solving skills
- Ability to read and understand complex instructions
- Manual dexterity and mechanical aptitude
- Ability to do careful & exacting work

## Apprenticeship Program

7200 hours of on-the-job training, supplemented by three 8-week sessions of in-class technical training.

## Responsibilities

- Read and interpret prints and specifications to determine location, size and material required
- Examine, inspect and test sprinkler systems
- Identify and use tools and special equipment
- Apply codes to installation, inspection and maintenance equipment
- Erect and use steel and power-operated scaffolding and swing stages
- Install and maintain appliances, controls, equipment, piping and hangers

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