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Charles A. Sylvia III

Professional Objectives

To apply skills and experience in FIRE PROTECTION DESIGN & INSTALLATION towards continued career responsibilities in the same.

Professional memberships

NICET Certified Level IV Sr. Engineering Technician – Sprinkler Layout

NICET Certified Level I Engineering Technician Special Hazards

Licensed Fire Sprinkler Journeyman STATE of RHODE ISLAND

Licensed Fire Sprinkler Journeyman COMMONWEALTH of MASSACHUSETTS

Proficient with Tyco SprinkCAD

Summary of qualifications

Proficient with AutoCADD

Proficient with hand and computer generated hydraulic calculations

Design fire protection systems to NFPA and local codes

Obtain necessary approvals from authorities having jurisdiction

Perform in-field design changes

Perform surveys of existing and new structures

Visually inspect systems for insurance purposes

Manually inspect, flush and test systems

Install Fire Protection systems

Source and retain prospective clients

Thorough ability to read and interpret blueprints and specifications

**Professional
experience**

12/08 – Present Self Employed.
Freelance Fire Protection Design Technician

08/08 – 12/08 Cogswell Sprinkler Co. , Inc. Worcester, MA
Sr. Fire Protection Design Technician

Design and hydraulically calculate automatic and special hazard fire protection systems on Tyco SprinkCAD. Coordinate design with other trades. Perform hydrant flow tests. Attend coordination and project management meetings.

10/00 – 10/07 Bristol Fire Protection , Inc. Plainville, MA
Sr. Fire Protection Design Technician

- Lead designer working closely with company engineer. Design and hydraulically calculate automatic and special hazard fire protection systems on Tyco SprinkCAD. Coordinate design with other trades. Perform hydrant flow tests. Attend coordination and project management meetings.

9/92 – 10/00 Midland Fire Protection , Inc. Coventry, RI
Sr. Fire Protection Design Technician

- Design and hydraulically calculate automatic and special hazard fire protection systems on AutoSprink and OmniCADD Release 5.2 and drawing board. Coordinate design with other trades. Perform hydrant flow tests. Attend coordination and project management meetings. Responsible for all computer generated hydraulic calculations.

5/92 – 9/92 Acme Plumbing and Heating, Inc. Johnston, RI
Journeyman/Foreman Sprinkler Fitter

- Install automatic sprinkler system in dormitories at Providence College.

7/91 – 5/92 Self Employed.
Freelance Fire Protection Design Technician

7/89 – 7/91 Grinnell Fire Protection Systems Co. Cranston, RI
Fire Protection Design Technician

- Design automatic sprinkler systems. Design fire protection systems for special hazards; chemical process plants, spheres and power plants. Hydraulically calculated systems using computer program. Central Design – Special Hazards office working on national accounts, projects for offices and international accounts.

3/86 – 6/90 Diversified Piping, Inc. Providence, RI
Fire Protection Design Technician & Sprinkler Fitter

- Design and hydraulically calculate automatic sprinkler systems. Coordinate design with other trades. Perform hydrant flow tests. Attend coordination and project management meetings. Install automatic sprinkler systems; supervise work crews of 1 to 5 persons at job site (foreman). Inspect systems. Perform some fabrication of mains and branch lines.

1986 Concurrent with above Columbia Research Danielson, CT
Machine Designer

- Design and detail labeling machines.

8/82 – 2/86 Fire Control International Johnston, RI
Fire Protection Design Technician

- Design and hydraulically calculate automatic and special hazard fire protection systems. Estimate jobs from architectural drawings. Perform some fabrication and installation of piping.

8/79 - 2/80 Tech Aid Corp. Warwick, RI
Machine Designer

- Project: Texas Instruments, Attleboro, MA. Detail and design machine parts from engineering sketches and verbal instructions.

2/80 – 1/82 Tech Aid Corp. Warwick, RI
Tool Designer

- Project: Texas Instruments, Attleboro, MA. Detail and design parts for progressive dies (press tools). Design dies, stripper inserts, die plates and related items to close tolerances to produce lead frames.

Education	1992	Hall Institute of Technology	Pawtucket, RI
		Computer Aided Drafting (CAD)	
	1979	Hall Institute of Technology	Pawtucket, RI
		Mechanical Drafting Technology Program	
	1977	Barrington High School	Barrington, RI

