



Christopher Crivello, MSFPE, PE

Principal

RESPONSIBILITIES:

Christopher Crivello is a Principal and licensed Fire Protection Professional Engineer for RAN Fire Protection Engineering. His position as a Principal in the firm requires him to manage projects to ensure they are delivered on time and are of superior quality. As a lead Professional Engineer, his responsibilities include designing fire protection systems, contract drawings and specifications, as well as project coordination and cost estimating. Mr. Crivello generally specializes in fire suppression and fire alarm design, but also provides code consultation for clients. During the construction phase, he performs submittal reviews and addresses field changes to assure projects are built in accordance with building plans. Mr. Crivello has over a decade of fire protection engineering experience at RAN.

Education

Master of Science (M.S.)
Fire Protection Engineering
Worcester Polytechnic Institute

Bachelor of Science (B.S.)
Mechanical Engineering
Rensselaer Polytechnic Institute

Professional Engineer Registrations

New York
California

Memberships

National Fire Sprinkler Association
(NFSA)
American Fire Sprinkler Association
(AFSA)
Society of Fire Protection
Engineering (New York Empire
Chapter, Treasurer)

CREDENTIALS:

- Professional Engineer
- 2017 National Fire Sprinkler Association (NFSA) Top Tech International Champion
- 2013 and 2015 National Fire Sprinkler Association (NFSA) Top Tech Northeast USA Champion
- Treasurer, Society of Fire Protection Engineering (New York Empire Chapter)
- 2018 Young Professional of the Year Recognition—American Fire Sprinkler Association (AFSA)
- Consulting-Specifying Engineer Magazine- 2020 40-Under-40 Award Winner

RELEVANT EXPERIENCE:

Mr. Crivello has designed fire protection systems for industrial, institutional, commercial, advanced technology, healthcare, and residential buildings. Specifically, he has designed fire alarm, sprinkler, water spray, foam, and clean agent systems. His design experience also includes coordination with electrical, plumbing, mechanical, structural, and architectural systems.

His experience with existing buildings includes the documentation of as-built conditions for fire protection system plans to evaluate system reliability. Existing buildings pose a challenge when trying to meet current Building Code requirements. Mr. Crivello has alternative design strategies that allow for an equivalent level of safety to that of the Building Code. He has been successful in seeking and obtaining code variances that provide a path for a project to be completed while also addressing the economic considerations necessary to bring a building design to fruition.

In 2017, Mr. Crivello was the National Fire Sprinkler Association (NFSA) Top Tech Champion. The NFSA Top Tech Competition is a “Jeopardy” style tournament that occurs biennially. The champion is considered a top fire protection designer of North America and best exemplifies knowledge in the design, installation, and maintenance of fire protection systems. Mr. Crivello has also been recognized as a Young Professional of the Year by the American Fire Sprinkler Association. He is also an active participant of the Albany Chapter of the American Society of Plumbing Engineers, as well as the New York Empire Chapter of the Society of Fire Protection Engineering where he resides as the current Chapter Treasurer.