

Triangle Fire Protection, Inc.
20 Roadway Drive
Carlisle, PA 17015
717-241-9662

TECHNICAL SECTION 1: PROJECT TEAM'S QUALIFICATIONS, EXPERIENCE, AND PAST PERFORMANCE

T-1A Project Team Introduction

Triangle Fire Protection, Inc. is a South Central PA family owned and operated company serving Pennsylvania and Maryland commercial, industrial, and residential customers since 1994.

We bring quality, integrity, and commitment to every project, and with over 25 years experience in the Sprinkler Industry, our team provides superior service for all your automatic fire protection needs. We have gained a valuable and well thought of reputation in the Sprinkler Industry by the way we perform as we continually strive to provide the customer with a high quality, on schedule job. In addition, Triangle Fire Protection, Inc. emphasizes safety and a job done on time. We will be constantly making every effort to achieve all of these throughout any work that we do.

ORGANIZATIONAL CHART

CORPORATE MANAGEMENT

MARK E. POTTEIGER

President / Owner

mark@trianglefireprotection.com

PROJECT MANAGER / INSPECTION MANAGER

DUSTIN POTTEIGER

dustin@trianglefireprotection.com

PROJECT MANAGER / PROFESSIONAL ENGINEER

JOSHUA POTTEIGER

joshua@trianglefireprotection.com

SERVICE MANAGER

JORDAN POTTEIGER

jordan@trianglefireprotection.com

ESTIMATING

BRANDON POTTEIGER

Lead Estimator

bpotteiger@trianglefireprotection.com

ENGINEERING

CHARLIE NACE

Senior Design Technician

cnace@trianglefireprotection.com

JASON TRAYER

Design Technician

jtrayer@trianglefireprotection.com

INSPECTIONS

DIANE MANN

Inspector Scheduler

JOB FOREMEN

ALL WELL EXPERIENCED AND QUALIFIED

PIPE FITTERS AND APPRENTICES

CONSCIENTIOUS, EXPERIENCED AND DEPENDABLE

As the Project Manager, Joshua Potteiger is committed to ensuring the safe and timely installation of the fire protection sprinkler system. He is our key contact to ensure all project related issues are resolved and to coordinate with multiple engineering groups and contractors to ensure coordination for successful and efficient project completion.

Our Design Team work hand in hand with Code officials, insurance Underwriters, Government Officials, and NFPA Guidelines to ensure the best possible Fire Sprinkler system is being designed for our customer. Each System design is unique to itself by Occupancy Use, Commodity Classification, and Structural Components. Our expert design team offers detailed shop drawings and hydraulic calculations through an advanced 3D CAD design to provide your project with a first-rate concept and strategy.

AutoSprink 2019 is our stand alone platform for design based Engineering, Coordination and Fabrication. Autosprink is a 3D Modeling program that allows us to perform any kind of design required. The program has the intelligence of drawing actual pipe/fittings/valves and recognizing them as real components visually and hydraulically. Our drawings are easily exported to an Autocad based drawing file (.dwg) for coordination purposes with all other trades. Clash detection within the program makes coordination with other trades very visible with the abilities to make changes as needed. Hydraulic Calculation reports can be exported directly to PDF format for easy review. (Standard program format, or NFPA 13 Standard print outs available). In addition, our Design Team utilizes Revit, a 3D CAD software specifically developed for architecture, buildings and construction.

Triangle Fire Protection employs highly trained and experienced sprinkler fitters to install our fire sprinkler systems. Each of these fitters has had to complete a 5-year apprenticeship program with Penn State University and also 5 years of on the job training. This apprenticeship program is recognized and approved by both the Federal and State Governments. Our foremen and fitters strive to stay abreast of the continual evolution of fire sprinkler systems and have the aptitude, knowledge and skill to install quality fire protection systems. Their experience encompasses all kinds of facilities including government, military, education, healthcare, warehouse,

and private. All Triangle's job foremen have over 15 years of experience and most fitters have over 10 years.

Triangle's complete Team works in numerous secured government building locations each year, including multi-phased projects within Department of Defense Logistics, Defense Distribution Depot, Tobyhanna Army Depot, within Naval Supply Systems Command Naval Support Activity, as well as Letterkenny Army Depot run by the Center of Industrial and Technical Excellence for Air Defense and Tactical Missile Systems. Additionally we work within private, secure buildings including large-scale principal companies such as DHL Supply Chain, Hershey Medical Center, University of Penn Medical Center, Pennsylvania State University Hershey Data Center, and the PPL Corporation to name a few.

Triangle's Team has also finalized projects in occupied and/or fully functioning locations the most recent being a full scale Walmart remodel completed in conjunction with other prime contractors while the store remained open. Other such projects include multiple remodels and fit-outs throughout Colonial Park Mall in Lower Paxton Township and Harrisburg Mall in Swatara Township. Our work within Hershey Medical Center and UPMC-Pinnacle is on-going and must be completed while the buildings remains fully functioning around our project. Government secured and occupied projects have included DDSP Buildings 83/84/85 in New Cumberland and Navy Depot Buildings 8,107, & 114 in Mechanicsburg.

T-1B Prime Contractor Information

APPENDIX E PRIME CONTRACTOR QUALIFICATION STATEMENT

COVER SHEET

DGS Project Name HVAC Replacement, Danville State Hospital, Montour County, Pennsylvania
DGS Project Number DGS C-0503-0023 Phase 1

Check One:

- Corporation,
 Partnership,
 Individual,
 Joint Venture,
 Other _____

Name of Firm Triangle Fire Protection, Inc.
Address 20 Roadway Drive, Carlisle, PA 17015
Principal Office 20 Roadway Drive, Carlisle, PA 17015
Owner or Authorized Representative Mark E. Potteiger, President & Owner

SECTION 1 – INFORMATION ON FIRM

1.1 Background Information

a) How many years has the firm been in business? 25 years

b) How many years has the firm been doing business in proposed contract field? 25 years

Under what former names has the firm conducted business?
N/A

c) Provide an **Attachment 1** to this Qualifications Statement identifying all jurisdictions in which the firm is licensed or otherwise qualified to do business. List and provide copies of any business or trade licenses, certificates or registrations (to the extent that they apply to the Contract Work) held by the firm.

d) If the firm is a corporation, provide the following information:

Date of incorporation May 20, 1994

State of incorporation Pennsylvania

President's name Mark E. Potteiger, President & Owner

Vice President's name(s) Mark E. Potteiger

Secretary's name Mark E. Potteiger

Treasurer's name Mark E. Potteiger

e) If the firm is a partnership, provide the following information:

Date of formation _____

Type of partnership _____

Names of partners _____

f) If the firm is individually owned, provide the following information:

Date of formation _____

Name of owner _____

g) If the form of the firm is other than those listed above, describe it and name the principals:

SECTION 2 - EXPERIENCE AND PERFORMANCE

2.1 General

- a) Provide the annual construction volume in dollars completed by the firm in the past three years:

Year 2016 \$ 6M

Year 2017 \$ 6.5M

Year 2018 \$ 6.5M

- b) Identify the percentage of work on similar projects the firm typically performs with its own work force 100%
- c) List the categories of work that the firm normally performs with its own forces on similar projects.

Automatic Fire Protection, Design, Installation, Service, Inspection

2.2 Project Experience and References

Submit as **Attachment 2** to this Qualifications Statement:

- a) Suggested number of Sheets/Pages:

- 3 sheets/(6 pages)

Three (3) detailed project descriptions for relevant projects that are similar in size and scope to the Contract Work. The project descriptions shall include, at a minimum, the following information presented in the order listed below:

- i. Name of project, type of project and location
- ii. Description of the project and relevance of work to the Contract Work
- iii. Contact information for an owner representative familiar with the firm's work performed on this project. Include name, address, telephone number(s) and e-mail address.
- iv. The original bid/proposal price and the final contract price. If the project is ongoing, project the final price and relation to proposal price. Contract value for which the firm was/is responsible.
- v. The original date for project completion and the actual completion date. If the project is ongoing, project the completion date and relation to original schedule.
- vi. As available, performance ratings of the work evaluated by owner or owner's representative.

2.3 Contractor Safety Record

Submit as **Attachment 3** to this Qualifications Statement the information specified herein and verify this information by providing copies of OSHA 300/200 Forms or appropriate documentation from insurance carriers, as applicable. The firm may submit written explanations to comment on or clarify its safety record.

- a) Provide the firm's Workers Compensation Experience Modification Rating for the past three years, beginning with the most recent year available:

Year 1: 2019 1.13

Year 2: 2018 1.046

Year 3: 2017 1.007

- b) Provide the firm's Total Lost Workday Incidence Rate (LWDIR) for the past three years, beginning with the most recent year available:

Year 1: 2018 3.34

Year 2: 2017 0

Year 3: 2016 3.29

*LWDIR Rate = Number of Lost Time Injuries & Illnesses x 200,000 ÷ Total Hours Worked

- c) Provide the firm's Recordable Incidence Rate (RIR) for the past three years:

Year 1: 2018 3.34

Year 2: 2017 6.10

Year 3: 2016 6.57

*RIR Rate = Number of Injuries x 200,000 ÷ Total Hours Worked

- d) Provide in an **Attachment 4** to this Qualifications Statement a list of any health or safety citations issued by federal or state agencies for serious or willful violations issued in the past 3 years. Include a separate statement for any such violations and include the citation number, a brief description of the violation and the amount of penalty, if any, for each violation and current status of violation.

SECTION 3 - REQUIRED DISCLOSURES

The firm shall answer the following questions with regard to the past three (3) years. If any question is answered in the affirmative, the firm shall submit in an **Attachment 5** to this Qualifications Statement, for each affirmative answer, a written explanation which shall provide details concerning the matter in question, including applicable dates, locations, names of projects/project owners and current status of any such matter.

- 3.1 Has the firm ever been debarred or suspended from doing business with any federal, state or local government agency or private entity?
Yes ___ No
- 3.2 Is the firm currently or has the firm been otherwise prohibited from doing business with any federal, state or local government agency or private entity?
Yes ___ No
- 3.3 Has the firm been denied prequalification (not including short listing), declared non-responsible, or otherwise declared ineligible to submit bids or proposals for work by any federal, state or local government agency or private entity?
Yes ___ No
- 3.4 Has the firm defaulted, been terminated for cause or otherwise failed to complete any project that it was awarded?
Yes ___ No
- 3.5 Has the firm been assessed or required to pay liquidated damages in connection with work performed on any project?

- Yes ___ No
- 3.6 Has the firm had any business or professional license, registration, certificate or certification suspended or revoked?
Yes ___ No
- 3.7 Have any liens been filed against the firm as a result of its failure to pay subcontractors, suppliers, or workers?
Yes ___ No
- 3.8 Has the firm been denied bonding or insurance coverage or been discontinued by a surety or insurance company?
Yes ___ No
- 3.9 Has the firm been found in violation of any laws, including but not limited to contracting or antitrust laws, tax or licensing laws, labor or employment laws or environmental laws by a final decision of a court or government agency?
Yes ___ No
- *Note: information regarding health and safety violations is addressed in a previous section.
- 3.10 Has the firm or its owners, officers, directors or managers been the subject of any criminal indictment or criminal investigation concerning any aspect of the firm's business?
Yes ___ No
- 3.11 Has the firm been the subject to any bankruptcy proceeding?
Yes ___ No

SECTION 4 - REQUIRED REPRESENTATIONS

In submitting this Qualifications Statement, along with the representations and authorizations listed on the Proposal Signature page and in the RFP, the firm also makes the following representations, which it understands are required as a condition of performing the Contract Work and receiving payment for same.

- 4.1 The firm will possess all applicable professional, business and trade licenses required for performing the Contract Work.
- 4.2 The firm satisfies all bonding and insurance requirements as stipulated in the solicitation for the Contract Work.
- 4.3 The firm and all subcontractors it employs in execution of the Contract Work shall be in full compliance with the Commonwealth's requirements for workers' compensation insurance according to all applicable laws, and unemployment insurance according to all applicable laws.
- 4.4 The firm and all subcontractors it employs in execution of the Contract Work shall be in full compliance with all requirements of the Commonwealth's prevailing wage law and Public Works Employment Verification Act.
- 4.5 If awarded the Contract Work, the firm represents that it will not exceed its current bonding limitations when the Contract Work is combined with the total aggregate amount of all unfinished work for which the Contractor is responsible.

- 4.6 The firm represents that it has no conflicts of interests with the Commonwealth of Pennsylvania and, if awarded the Contract Work, any potential conflicts of interest that may arise in the future will be disclosed immediately to the Department of General Services.
- 4.7 The firm represents the price offered in connection with its proposal for the Contract Work was arrived at independently without consultation, communication or agreement with any other Proposer or competitor.
- 4.8 The firm will ensure that employees and applicants for employment are not discriminated against because of their race, color, religion, sex or national origin.

Attachment 1: All jurisdictions in which Triangle Fire Protection, Inc. is licensed or qualified to do business. Copies of licenses, registrations, certificates are included.

- a. Commonwealth of Pennsylvania - no license required, PA Vendor #181444

- b. PA Department of General Services Small Business #181444-2018-11-SB

NOTICE OF SMALL BUSINESS SELF-CERTIFICATION

 **pennsylvania**
DEPARTMENT OF GENERAL SERVICES

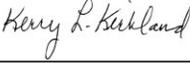
The Department is pleased to announce that
TRIANGLE FIRE PROTECTION INC

has successfully completed the Pennsylvania Department of General Services' process for self-certification as a small business under the Commonwealth's Small Business Contracting Program, with the following designation:

BUSINESS TYPE(s): **Construction Contractor**

CERTIFICATION NUMBER: **181444-2018-11-SB**
CERTIFICATION TYPE: Small Business

ISSUE DATE: **11/28/2018** EXPIRATION DATE: **11/30/2020**



Kerry L. Kirkland, Deputy Secretary
Diversity, Inclusion, and Small Business Opportunities

- c. State of Maryland - License #MSC-205

 **State of Maryland** 

Office of the Fire Marshal
CLASS I and CLASS IIIc
SPRINKLER CONTRACTOR LICENSE

TRIANGLE FIRE PROTECTION, INC.
20 Roadway Drive, Carlisle, PA 17015

having successfully met the requirements for a Sprinkler Contractor License as required by the Public Safety Article, Title 9. Fire Protection & Prevention, Subtitle 9. Fire Sprinkler Contractors, of the Annotated Code of Maryland, under and by virtue of the authority granted by said Act is hereby authorized to engage in work on fire sprinkler systems as allowed by the provisions of their license classification until the 30th day of April, 2020.

As witness my hand and the official seal of the State Fire Marshal's Office, this 29th day of March, 2018.



State Fire Marshal

License No. MSC-205

NOTE: Updated License not yet received due to State Fire Marshal office closure during COVID-19 shut down.

d. Maryland Marketplace Small Business #SB12-38829

 [New Vendor? Register Now](#) [Vendor Search](#) [Public Solicitations](#) [Public Contracts](#)  [Accessibility](#)  [English](#)

[Vendor Search](#)

Vendor Name: triangle fire pro Commodities: Areas Served:

Country: UNITED STATES State: VSBE Vendor SBR Vendor

Filters Country: UNITED STATES x

eMMA Vendor ID	Company Name	City	State	Zip Code	Vendor Contact	Company Phone #	SBR Vendor	SBR Certification #	SBR Expiration Date	VSBE Vendor	VSBE Certification #	Expiration Date	Web Site
SUP006742	Triangle Fire Protection	Carlisle	PA	17015	Admin Assist	717-241-9662	<input checked="" type="checkbox"/>	SB20-008285	5/6/2021	<input type="checkbox"/>			www.trianglefireprotection.com

Triangle Fire Protection, Inc.

Attachment 2: Project Experience - Project List

1. 1st Project

- a. Walmart Remodel, 635 Grayson Road, Harrisburg, PA 17111
- b. Design-Build Fire Protection through complete installation for occupied and open Walmart store renovation completed during both normal working hours and night hours.
- c. Contact information Owner - Walmart Stores, Bentonville, AR Contractor - William A. Randolph, Inc., 920 Lakeside Drive, Gurnee, IL 60031. Project Manager: Joel Sattler - 847-856-0123, joel.sattler@warandolph.com
- d. The original bid/proposal price was \$317,220.00; two Change Orders increased the final price to \$324,042,89.
- e. An original completion date was not provided by Walmart; Actual completion date 12/2019
- f. Not Available

2. 2nd Project

- a. UPMC Pinnacle Hospital Alex Grass Building 8th-9th Floor Reno, Core & Shell Fit Out, Harrisburg, PA
- b. Modify the existing sprinkler system in the areas shown on Core & Shell and Fit-Out Fire Protection Drawings. Extend the standpipes and install new floor control assemblies. From these newly installed floor control assemblies, install new main, branch lines, and sprinkler heads throughout three floors.
- c. Contact Information Owner - UPMC Pinnacle Health Contractor - Reynolds Construction, 3300 N. 3rd Street, Harrisburg 17110. Project Manager Jim Paschke (717) 238-5737, jpaschke@reynoldssolutions.com.
- d. Final Contract price included three phases: \$437,020.00
- e. Original date for project completion: 3/2019; Final portion completed 5/2019
- f. Not Available

3. 3rd Project

- a. DLA Building 83, Mechanicsburg, PA
- b. Design-Build through install project to demolish existing sprinkler system protecting five bays of Building 83 and install new ESFR sprinkler system through. To avoid an interruption of sprinkler protection, Triangle installed the new ESFR before demolishing the existing sprinklers.
- c. Contact Information Owner - DLA Distribution Acquisitions Operations, 430 Mifflin Avenue, New Cumberland, PA Contractor - Ritz Construction, 3507 Kemptown Church Road, Monrovia, MD 21770. Project Manager Michael Riling (301) 253-2779, mwr@ritzbuilds
- d. Original bid/proposal price \$750,000.00; Final contract price: \$762,480.00
- e. Original date for project completion June 2020; Actual completion date: Pending
- f. Not Available

Attachment 4: None

Attachment 5: None

T-1C Designated Critical Work

APPENDIX F DESIGNATED CRITICAL WORK QUALIFICATIONS STATEMENT

COVER SHEET

DGS Project Name HVAC Replacement, Danville State Hospital, Montour County, Pennsylvania

DGS Project Number DGS C-0503-0023 Phase 1 Rebid

DESIGNATED CRITICAL WORK: For proper evaluation, the Proposer **MUST** submit at least one "Designated Critical Work Qualification Statement" for each Work item listed in T-1C for the respective contract. **NOTE:** The selected Proposer shall enter subcontracts with each listed subcontractor in T-1C.

Check One Work item for which this Qualification Statement is being submitted:

General Contractor (.1 Contract)

- Multi-Phased Project in a Secured Building
- Multi-Phased Project in an Occupied & Fully Functional Building

HVAC Contractor (.2 Contract)

- Asbestos Abatement
- Multi-Phased Project in a Secured Building
- Multi-Phased Project in an Occupied & Fully Functional Building

Plumbing Contractor (.3 Contract)

- Multi-Phased Project in a Secured Building
- Multi-Phased Project in an Occupied & Fully Functional Building

Electrical Contractor (.4 Contract)

- Multi-Phased Project in a Secured Building
- Multi-Phased Project in an Occupied & Fully Functional Building

Fire Protection Contractor (.5 Contract)

- Multi-Phased Project in a Secured Building
- Multi-Phased Project in an Occupied & Fully Functional Building

Name of Firm Triangle Fire Protection, Inc.
Address 20 Roadway Drive, Carlisle, PA 17015
Principal Office same
Owner or Authorized Representative Mark E. Potteiger, President & Owner

SECTION 1 – FIRM INFORMATION

1.1 Background Information

a) How many years has the firm been in business? 25 Years

b) How many years has the firm been doing business in proposed contract field? 25

Under what former names has the firm conducted business?

NA

c) Identify all jurisdictions in which the firm is licensed or otherwise qualified to do business.

Maryland Pennsylvania _____
_____ _____ _____

d) If the firm is a corporation, provide the following information:

Date of incorporation May 20, 2994
State of incorporation Pennsylvania
President's name Mark E. Potteiger, President & Owner
Vice President's name(s) Mark E. Potteiger
Secretary's name Mark E. Potteiger
Treasurer's name Mark E. Potteiger

e) If the firm is a partnership, provide the following information:

Date of formation NA
Type of partnership _____
Names of partners _____

f) If the firm is individually owned, provide the following information:

Date of formation NA
Name of owner _____

g) If the form of the firm is other than those listed above, describe it and name the principals:

NA

SECTION 2 - EXPERIENCE AND PERFORMANCE

2.1 General

- a) Provide the annual construction volume in dollars completed by the firm in the past three years:
- | | | |
|------------------|----|-------------|
| Year 2016 | \$ | <u>6M</u> |
| Year 2017 | \$ | <u>6.5M</u> |
| Year 2018 | \$ | <u>6.5M</u> |
- b) Identify the percentage of work on similar projects the firm typically performs with its own work force 100%.
- c) List the categories of work that the firm normally performs with its own forces on similar projects.
- Automatic Fire Protection, Design, Installation, Service, Inspection

2.2 Project Experience and References

Submit as **Attachment 1** to this Qualifications Statement:

- a) Suggested number of Sheets/Pages:
- 3 sheets/(6 pages)

Three (3) detailed project descriptions for relevant projects similar in size and scope to the Contract Work. The project descriptions shall include, at a minimum, the following information presented in the order listed below:

- vii. Name of project, type of project and location
- viii. Description of the project and relevance of work to the Contract Work
- ix. Contact information for an owner representative familiar with the firm's work performed on this project. Include name, address, telephone number(s) and e-mail address.
- x. The original bid/proposal price and the final contract price. If the project is ongoing, project the final price and relation to proposal price. Contract value for which the firm was/is responsible.
- xi. The original date for project completion and the actual completion date. If the project is ongoing, project the completion date and relation to original schedule.
- xii. As available, performance ratings of the work evaluated by owner or owner's representative.

2.3 Contractor Safety Record

Submit as **Attachment 2** to this Qualifications Statement the information specified herein and verify this information by providing copies of OSHA 300/200 Forms or appropriate documentation from insurance carriers, as applicable. The firm may submit written explanations to comment on or clarify its safety record.

- a) Provide the firm's Workers Compensation Experience Modification Rating for the past three years, beginning with the most recent year available:
- | | | |
|---------|-------------|--------------|
| Year 1: | <u>2019</u> | <u>1.13</u> |
| Year 2: | <u>2018</u> | <u>1.046</u> |

Year 3: 2017 1.007

- b) Provide the firm's Total Lost Workday Incidence Rate (LWDIR) for the past three years, beginning with the most recent year available:

Year 1: 2018 3.34

Year 2: 2017 0

Year 3: 2016 3.29

*LWDIR Rate = Number of Lost Time Injuries & Illnesses x 200,000 ÷ Total Hours Worked

- c) Provide the firm's Recordable Incidence Rate (RIR) for the past three years:

Year 1: 2018 3.34

Year 2: 2017 6.10

Year 3: 2016 6.57

*RIR Rate = Number of Injuries x 200,000 ÷ Total Hours Worked

- d) Provide in an **Attachment 3** to this Qualifications Statement a list of any health or safety citations issued by federal or state agencies for serious or willful violations issued in the past 3 years. Include a separate statement for any such violations and include the citation number, a brief description of the violation and the amount of penalty, if any, for each violation and current status of violation.

SECTION 3 - REQUIRED DISCLOSURES

The firm shall answer the following questions with regard to the past three (3) years. If any question is answered in the affirmative, the firm shall submit in an **Attachment 5** to this Qualifications Statement, for each affirmative answer, a written explanation which shall provide details concerning the matter in question, including applicable dates, locations, names of projects/project owners and current status of any such matter.

- 3.1 Is the firm currently debarred or suspended from doing business with any federal, state or local government agency or private entity?
Yes ___ No **X**
- 3.2 Has the firm ever been debarred or suspended from doing business with any federal, state or local government agency or private entity?
Yes ___ No **X**
- 3.3 Is the firm currently or has the firm been otherwise prohibited from doing business with any federal, state or local government agency or private entity?
Yes ___ No **X**
- 3.4 Has the firm been denied prequalification (not including short listing), declared non-responsible, or otherwise declared ineligible to submit bids or proposals for work by any federal, state or local government agency or private entity?
Yes ___ No **X**
- 3.5 Has the firm defaulted, been terminated for cause or otherwise failed to complete any project that it was awarded?

- Yes ___ No
- 3.6 Has the firm been assessed or required to pay liquidated damages in connection with work performed on any project?
Yes ___ No
- 3.7 Has the firm had any business or professional license, registration, certificate or certification suspended or revoked?
Yes ___ No
- 3.8 Have any liens been filed against the firm as a result of its failure to pay subcontractors, suppliers, or workers?
Yes ___ No
- 3.9 Has the firm been denied bonding or insurance coverage or been discontinued by a surety or insurance company?
Yes ___ No
- 3.10 Has the firm been found in violation of any laws, including but not limited to contracting or antitrust laws, tax or licensing laws, labor or employment laws or environmental laws by a final decision of a court or government agency?
Yes ___ No
- *Note: information regarding health and safety violations is addressed in a previous section.
- 3.11 Has the firm or its owners, officers, directors or managers been the subject of any criminal indictment or criminal investigation concerning any aspect of the firm's business?
Yes ___ No
- 3.12 Has the firm been the subject to any bankruptcy proceeding?
Yes ___ No

SECTION 4 - REQUIRED REPRESENTATIONS

In submitting this Qualifications Statement, along with the other representations and authorizations listed in the RFP, the firm also makes the following representations, which it understands are required as a condition of performing the Contract Work and receiving payment for same.

- 4.1 The firm will possess all applicable professional, business and trade licenses required for performing the Contract Work.
- 4.2 The firm satisfies all bonding and insurance requirements as stipulated in the solicitation for the Contract Work.
- 4.3 The firm and all subcontractors it employs in execution of the Contract Work shall be in full compliance with the Commonwealth's requirements for workers' compensation insurance according to all applicable laws, and unemployment insurance according to all applicable laws.

- 4.4 The firm and all subcontractors it employs in execution of the Contract Work shall be in full compliance with all requirements of the Commonwealth's prevailing wage law and Public Works Employment Verification Act.
- 4.5 If awarded the Contract Work, the firm represents that it will not exceed its current bonding limitations when the Contract Work is combined with the total aggregate amount of all unfinished work for which the Contractor is responsible.
- 4.6 The firm represents that it has no conflicts of interests with the Commonwealth of Pennsylvania and, if awarded the Contract Work, any potential conflicts of interest that may arise in the future will be disclosed immediately to the Department of General Services.
- 4.7 The firm represents the price offered in connection with its proposal for the Contract Work was arrived at independently without consultation, communication or agreement with any other Proposer or competitor.
- 4.8 The firm will ensure that employees and applicants for employment are not discriminated against because of their race, color, religion, sex or national origin.

Attachment 1: Project Experience and References

1. 1st Project

- a. Walmart Remodel, 635 Grayson Road, Harrisburg, PA 17111
- b. Design-Build Fire Protection through complete installation for occupied and open Walmart store renovation completed during regular working hours and night hours.
- c. Contact information Owner - Walmart Stores, Bentonville, AR Contractor - William A. Randolph, Inc., 920 Lakeside Drive, Gurnee, IL 60031. Project Manager: Joel Sattler - 847-856-0123 joel.sattler@warandolph.com
- d. The original bid/proposal price was \$317,220.00. Two Change Orders increased the final price to \$324,042,89.
- e. The original date for project completion was not provided by Walmart; Actual completion date 12/2019
- f. Not Available

2. 2nd Project

- a. UPMC Pinnacle Hospital Alex Grass Building 8th-9th Floor Reno, Core & Shell Fit Out, Harrisburg, PA
- b. Modify the existing sprinkler system in the areas shown on Core & Shell and Fit-Out Fire Protection Drawings. Extend the standpipes and install new floor control assemblies. From these newly installed floor control assemblies, install new main, branch lines, and sprinkler heads throughout three floors.
- c. Contact Information Owner - UPMC Pinnacle Health Contractor - Reynolds Construction, 3300 N. 3rd Street, Harrisburg 17110. Project Manager Jim Paschke (717) 238-5737, jpaschke@reynoldssolutions.com.
- d. Final Contract price included three phases: \$437,020.00
- e. Original date for project completion; 3/2019 Final portion completed 5/2019
- f. Not Available

3. 3rd Project

- a. DLA Building 83, Mechanicsburg, PA
- b. Design-Build through install project to demolish existing sprinkler system protecting five bays of Building 83 and install new ESFR sprinkler system through. To avoid an interruption of sprinkler protection, Triangle installed the new ESFR before demolishing the existing sprinklers.
- c. Contact Information Owner - DLA Distribution Acquisitions Operations, 430 Mifflin Avenue, New Cumberland, PA Contractor - Ritz Construction, 3507 Kemptown Church Road, Monrovia, MD 21770. Project Manager Michael Riling (301) 253-2779, mwr@ritzbuilds
- d. Original bid/proposal price \$750,000.00; Final contract price \$ 762,480.00
- e. Original date for project completion: June 2020; Actual completion date: Pending
- f. Not Available

Attachment 2: Contractor Safety Record
 a. OSHA 300

OSHA's Form 300 (Rev. 01/2004)

Log of Work-Related Injuries and Illnesses

Attention: This form contains information relating to employee health and must be used in a manner that protects the confidentiality of employees to the extent possible while the information is being used for occupational safety and health purposes.

Year 20 19

U.S. Department of Labor
 Occupational Safety and Health Administration
 Form approved OMB no. 1218-0176

Establishment name Triangle Fire Protection, Inc.
 City Carlisle State PA

You must record information about every work-related death and about every work-related injury or illness that involves loss of consciousness, restricted work activity or job transfer, days away from work, or medical treatment beyond first aid. You must also record significant work-related injuries and illnesses that are diagnosed by a physician or licensed health care professional. You must also record work-related injuries and illnesses that meet any of the specific recording criteria listed in 29 CFR Part 1904.6 through 1904.12. Feel free to use two lines for a single case if you need to. You must complete an Injury and Illness Incident Report (OSHA Form 301) or equivalent form for each injury or illness recorded on this form. If you're not sure whether a case is recordable, call your local OSHA office for help.

Identify the person		Describe the case			Classify the case				Enter the number of days the injured or ill worker was:		Check the "injury" column or choose one type of illness:								
(A) Case no.	(B) Employee's name	(C) Job title (e.g., Welder)	(D) Date of injury or onset of illness	(E) Where the event occurred (e.g., Loading dock north end)	(F) Describe injury or illness, parts of body affected, and object/substance that directly injured or made person ill (e.g., Second degree burn on right forearm from work/ear tumb)	CHECK ONLY ONE box for each case based on the most serious outcome for that case:				Away from work		On job transfer or restriction		(M)					
						Death (G)	Days away from work (H)	Job transfer or restriction (I)	Other recordable cases (J)	(K)	(L)	(1)	(2)	(3)	(4)	(5)	(6)		
1	xxx	Sprinkler Fitter	3/25 northday	Allen Dist	Laceration on forehead	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	0	0	<input checked="" type="checkbox"/>	<input type="checkbox"/>						
2	xxx	Spk Apprentice	7/15 northday	Navy B411	Lacerated finger	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>	<input type="checkbox"/>						
Page totals						0	1	0	1	9	0	2	0	0	0	0	0		

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including time to review the instructions, search and gather the data needed, and complete and review the collection of information. Persons are not required to respond to the collection of information unless it displays a currently valid OMB control number. If time here and otherwise about these estimates or any other aspects of this data collection, contact: US Department of Labor, OSHA Office of Statistical Analysis, Room N-5144, 200 Constitution Avenue, NW, Washington, DC 20210. Do not send the completed forms to this office.

Be sure to transfer these totals to the Summary page (Form 300A) before you post it.

Page 1 of 1

b. Insurance EMR Letter



EAGLEMARK CONSULTING GROUP
 PO Box 20
 Lemoyne, PA 17043-0020

March 28, 2019

TRIANGLE FIRE PROTECTION INC
 20 Roadway Drive
 Carlisle, PA 17013

RE: EXPERIENCE MODIFIERS FOR 2012 THRU 2019

Please accept this letter as verification that the workers compensation experience modifier for the above is as follows:

2012	0.808
2013	0.981
2014	0.973
2015	0.804
2016	1.025
2017	1.007
2018	1.046
2019	1.130

Regards,

Thomas W. Markley, CPCU

THOMAS W. MARKLEY, CPCU
 Broker

Attachment 3: None

Attachment 4: N/A None Listed

Attachment 5: None

TECHNICAL SECTION 2: PROJECT MANAGEMENT PLAN

Depth of prior experience with projects of similar size and scope.

T-2A Project Management Team

Our Key Players include:

NAME	TITLE	WORK EXPERIENCE	EXPERIENCE WITH TEAM
Mark Potteiger	President & Owner	25 Years	25 Years
Joshua Potteiger	Project Manager/Professional Engineer	12 Years	12 Years
Charlie Nace	NICET Certified Designer	19 Years	19 Years
Jason Trayer	Designer	04 Years	04 Years
Warren Smith	Fire Sprinkler Journeyman Foreman	33 Years	08 Years
Jason Gieniec	Fire Sprinkler Journeyman Foreman	18 Years	05 Years
Charles Brough	Fire Sprinkler Journeyman Foreman	26 Years	21 Years

As the Project Manager, Joshua Potteiger is committed to ensuring the safe and timely installation of the fire protection sprinkler system. He is our key contact to ensure all project related issues are resolved and to coordinate with multiple engineering groups and contractors to ensure coordination for successful and efficient project completion. Joshua is our Team Project Manager with most government, secure building locations as well as our recent remodel in a fully functioning Walmart and for all our UPMC Pinnacle fully functioning building projects.

Our Design Team work hand in hand with Code officials, insurance Underwriters, Government Officials, and NFPA Guidelines to ensure the best possible Fire Sprinkler system is being designed for our customer. Each System design is unique to itself by Occupancy Use, Commodity Classification, and Structural Components. Our designers have worked on hundreds of secure and/or fully functioning projects in the past 19 years.

Triangle Fire Protection, Inc. employs highly trained and experienced sprinkler fitters to install our fire sprinkler systems. Each of these fitters has had to complete a 5-year apprenticeship program with Penn State University and also 5 years of on the job training. This apprenticeship program is recognized and approved by both the Federal and State Governments. Our foremen and fitters have installed systems in all kinds of facilities including government, military, education, healthcare, warehouse, and private, many of which have been fully functioning and/or secure buildings. All Triangle's job foremen have over 15 years of experience and most fitters have over 10 years.

Joshua M. Potteiger

Current Position:

Triangle Fire Protection, Inc.

Carlisle, PA; (717) 241-9662 ext 109

- Project Manager
 - Project manager of assigned construction projects.
 - Ensure the safe and timely installation of the fire protection sprinkler systems.
 - Ensure all project related issues are resolved.
 - Monitor project schedules.
 - Work with multiple engineering groups to ensure coordination for successful and efficient project completion.
- Employed: June 2008 - Current

Education:

Pennsylvania State University (Masters Degree)

- Masters of Engineering: Nuclear Engineering
- Master's GPA: 3.80, Master's Graduation Date: May 2008

Pennsylvania State University (Bachelors Degree)

- Bachelor of Science: Nuclear Engineering
- Bachelor of Science: Mechanical Engineering
- Minor: Mathematics
- Bachelor's GPA: 3.73 (Dean's list every semester), Bachelor's Graduation Date: May 2004

Scholarships:

- National Academy For Nuclear Training (2002, 2003)
- American Nuclear Society Undergraduate Scholarship Award (2002, 2003)
- Exelon Corporation Endowed Scholarship (2001, 2002)
- Air Force award for outstanding achievement in mathematics (2000)

Organizations:

- The National American Nuclear Society (2001-2003)
- The Pennsylvania State chapter of American Nuclear Society (2000-2003)
- Phi Sigma Eta Honors Society (2001-2003)
- Golden Key International Honour Society (2002-2003)
- The National Society of Collegiate Scholars (2001-2003)

Relevant Course Work:

- Reactor Physics, Advanced Reactor Design, Design Principles of Reactor Systems, Radiation Detection and Measurement, Analytical Techniques for Nuclear Concepts, Heat and Mass Transfer, Fluid Mechanics, Thermodynamics, Materials Science, Ordinary and Partial Differential Equations, Analytical Techniques for Nuclear Concepts, Statistics, Matrices, Linear Programming, Introduction to Analysis, Calculus 1,2,3, Electricity and Magnetism, Wave Motion and Quantum Physics, Machine Dynamics, Material Responses, Strength of Materials, Statics and Dynamics, Mechanical Engineering Measurements, Engineering Design and Graphics, Chemistry, Macro Economics, Labor and Industry Relations, Principles and Applications of Electrical Engineering

Work Experience:

Westinghouse Electric Company, LLC Pittsburgh, PA

- Lead Core Design Engineer
 - Technical lead core designer for the Temelin nuclear power plant
 - Performed reload safety analysis calculations to support nuclear power plant startup
 - Performed nuclear design report calculations to support nuclear power plant operations
 - Worked with engineering teams to solve complicated technical problems
 - Worked with challenging customers and different cultures (i.e. Czech Republic)
 - Computed engineering calculations to model nuclear fuel in reactor cores
 - Simulated the reloading/shuffling/burning of reactor fuel
 - Monitored actual fuel cycle exposure
- Software Testing Coordinator
 - Project manager of the WhiteStar project to coordinate the testing of the newly developed NEXUS, ANC, and BEACON nuclear design codes
 - Managed a team of software testers located in Connecticut, Brazil, and China
 - Created and monitored project schedules
 - Worked with multiple engineering groups to ensure adequate resources for project completion
- Employed: June 2004 – June 2008

Exelon Nuclear Kennett Square, PA

- Technical Assistant
 - Computed engineering calculations for nuclear fuel and core design
 - Ran computer models and created fuel bundle design libraries
 - Simulated the reloading/shuffling/burning of reactor fuel
 - Monitored actual fuel cycle exposure
 - Employed: May 2002 - August 2002 and May 2003 - August 2003
-

CHARLES NACE III

SKILLS

Fire Protection Design
Autocad
Revit
Navisworks

Microstation
Autosprink VR
Microsoft Office
Adobe Professional

EXPERIENCE

05/2001 to Current

Fire Protection Design Engineer

Triangle Fire Protection, Inc. — Carlisle, PA

Since 2001 I have been engaged in the Fire Protection industry working hand in hand with Code officials, insurance Underwriters, Government Officials, and NFPA Guidelines to ensure the best possible Fire Sprinkler system is being designed for our customer. Each System design is unique to itself by Occupancy Use, Commodity Classification, Structural Components, etc...

Accomplished designs to date of approximately 550 range from small Residential homes to nearly 1 million square foot warehouses, as simple as a 10 sprinkler relocate to a complex multimatic Transformer system with spray nozzles.

06/1999 to 05/2001

Surveyor/ CAD Operator

Goodkind & O'dea, Inc. — Carlisle, PA

In day to day operations I was responsible for directing 1-3 crew members on job sites to perform required surveys of bridge, roadway, and cell tower work as the survey crew leader. Some projects were 1 day operations, other projects were weeks or months.

When not on Survey's, I helped with Red Mark drawing updates to engineering drawings in Autocad /MicroStation.

EDUCATION AND TRAINING

2011

Fire Protection Engineering Technology/Water Based(Automatic Sprinklers)

NICET Certification — Harrisburg, PA

NICET Level II Acheived

2007

Fire Protection Engineering Technology/ Water-Based (Automatic Sprinkler)

NICET Certification — Harrisburg, PA

NICET Level I Achieved

1999

Computer Aided Drafting

ITT Technical Institute — Mechanicsburg, PA

Warren Smith

Experience

Mr. Smith has 33 years of experience in the fire sprinkler industry. Relevant Experience includes:

- 1986-2001 - Diamond Automatic Sprinklers, Inc. - Project Superintendent and SSHO - Amazon warehouse in Chambersburg, Allen Distributions warehouses in Carlisle.
- 2002-2010 – Kings Fire Protection, Inc. - Project Superintendent and SSHO - Convention Center for Shippensburg University, Prologis warehouses in Mechanicsburg.
- 2010-Present – Triangle Fire Protection, Inc. - Project Superintendent and SSHO - Valley View Elementary in York, Penn State University Intramural Building in State College.

Education:

Fire Sprinkler Fitter Certification Card 2001

Certification:

30 Hour OSHA Training

Scissor and Boom Lift / Aerial Platform Certification

Jason Gieniec

Experience

Mr. Gieniec has 18 years of experience in the fire sprinkler industry. Relevant Experience includes:

- **2001-2015 - Oliver Fire Protection, Inc. - Project Superintendent and SSHO - PPL Montour Power Plant, PJM Interconnections Control Room, Sandoz Oscar Pharmaceuticals.**

Tasks: Onsite Foreman for fire sprinkler fitters. Was on the work site at all times to perform safety and occupational health management, surveillance, inspections, and safety enforcement for the Contractor. Also performed basic facility safety audits, detailed Hazard Analysis, Ergonomic Assessments, updated Safety Program, assisted in the development of Policies, Procedures and Programs, performed regular workplace inspections with written reports, facilitated Joint Health and Safety Committee Meetings, performed Job Hazard Analysis, and onsite tool-box-talks.

- **2015-Present – Triangle Fire Protection, Inc. - Project Superintendent and SSHO - Harrisburg International Airport Snow Removal Building, Wilkes-Barre VA Hospital Emergency Room, Fort Indiantown Gap Consolidated Vehicle Maintenance Building**

Tasks: Onsite Foreman for over 8 fire sprinkler fitters. Site contact for all sub-contractors including drywall, electrical, painting, alarms, etc. Was on the work site at all times to perform safety and occupational health management, surveillance, inspections, and safety enforcement for the Contractor. Also performed basic facility safety audits, detailed Hazard Analysis, Ergonomic Assessments, updated Safety Program, assisted in the development of Policies, Procedures and Programs, performed regular workplace inspections with written reports, facilitated Joint Health and Safety Committee Meetings, performed Job Hazard Analysis, and onsite tool-box-talks.

Education:

Fire Sprinkler Fitter Certification Card 2006

Certification:

**30 Hour OSHA Training
Scissor Lift Certification**

T-2B Work Plan and Schedule

Critical issues addressed

Critical issues include working in a state hospital with residents in the building. We plan to work in available areas as allowed. All sprinkler fitters on the jobsite will be trained and made aware of the sequences and available working spaces.

Long lead items why they are critical and how they will be managed

Long lead items include an underground storage tank (approximately 12 weeks lead time from time of order), and a fire pump house (approximately 18 weeks lead time from time of order). Once approved, these items will be ordered right away.

Construction challenges proposed solutions and minimize risk

Some challenges include delivery of the fire pump house and water storage tank. These will be coordinated with a crane delivery to unload the fire pump house and storage tank off of the delivery trucks when they arrive onsite. These will need set at specific locations on foundations so these will be coordinated ahead of time. Other challenges include the institutional sprinkler heads. These need to be installed with the locking ring plates at the time of installation after ceilings are completed. We plan to have much coordination between us and the ceiling contractor.

Describe site operations, logistics, controls and practices

Site operations include mobilizing our materials and tools at the start of project. We plan to notify the foreman when a delivery truck is scheduled to arrive. All material not being installed will be located in one location at the tool working area. At the end of each day, all tools will be stored in a locked tool box. Ladders and all other larger equipment will be chained and locked as well.

IT solutions and systems utilized for document control

Our internal servers are automatically backed up on the cloud by an outside 3rd party company to ensure data is maintained and no loss in design time.

Schedule narrative describes challenges, proposed solutions, critical path

The schedule shows the complete installation of the fire sprinkler system as it moves from sequence to sequence. The challenges will be moving from one sequence to another and moving all of our tools to another available area. Solutions involve much coordination between our office, our foreman onsite, other contractors, and the owner. The critical path item is the fire pump house and water storage tank. The bid drawings show this being installed during sequence 2. This will be possible if the design is completed way ahead of schedule and approvals are obtained. However, we see a challenge in obtaining approvals, the approximately 18 weeks of manufacturing, and then install to be ready for phase 2. Further discussion and coordination needs to take place at the time of building the actual final schedule.

Schedule is logical, credible, complete

See the following schedule:

Mobilize for sequence 1 and/or sequence 2

Set fire pump house and water storage tank - 15 working days

Sequence 2 - 1st floor - Install fire sprinkler system - 20 working days
Sequence 2 - 2nd floor - Install fire sprinkler system - 20 working days
Sequence 3 - Ground floor - Install fire sprinkler system - 20 working day
Sequence 3 - 1st floor - Install fire sprinkler system - 20 working days
Sequence 3 - 2nd floor - Install fire sprinkler system - 20 working days
Sequence 4 - Ground floor - Install fire sprinkler system - 20 working days
Sequence 4 - 1st floor - Install fire sprinkler system - 20 working days
Sequence 4 - 2nd floor - Install fire sprinkler system - 20 working days
Sequence 5 - 1st floor - Install fire sprinkler system - 20 working days
Sequence 5 - 2nd floor - Install fire sprinkler system - 20 working days
Sequence 6 - Ground floor - Install fire sprinkler system - 20 working days
Sequence 6 - 1st floor - Install fire sprinkler system - 20 working days
Sequence 6 - 2nd floor - Install fire sprinkler system - 20 working days
Sequence 7 - Ground floor - Install fire sprinkler system - 20 working days
Sequence 7 - 1st floor - Install fire sprinkler system - 20 working days
Sequence 7 - 2nd floor - Install fire sprinkler system - 20 working days
Sequence 8 - Ground floor - Install fire sprinkler system - 10 working days

T-2C Safety Plan

Triangle's documented Site Health & Safety Plan is presented to employees upon hire and includes our Emergency Information and Contacts, Emergency Accident Plan, Safety Statement, Safety Requirements, Safety Procedures, Site Specific Fall Protection Plan, Hazard Communication Program, Exposure Control Methods - Crystalline Silica, Quality Management Program, Audits and Inspections Plan, Substance Abuse, Safety and Security Infractions, Background Checks, Project Employee Orientation, and a Summary, then is recorded using a Signature Acknowledgement page.

The majority of our Job Foreman hold their 30-Hour OSHA training and over half of all our fitters hold at minimum a 10-Hour OSHA training. Each journeyman and apprentice also receive their Scissors and Boomlift certification every three years.

OSHA TRAINING: *The OSHA Outreach Training Program provides training on the recognition, avoidance, abatement, and prevention of workplace hazards. Outreach classes also provide overview information regarding OSHA, including workers' rights, employer responsibilities, and how to file a complaint. Program Benefits include:*

- *Promotes safety culture through peer training*
- *Training is intended to be participatory, using hands-on activities*
- *Trainers are able to tailor the training topics based on specific needs of their audience*
- *Outreach training content includes hazard recognition and avoidance, workers' rights, employer responsibilities, and how to file a complaint; it emphasizes the value of safety and health to workers, including young workers*
- *Outreach training is available in languages other than English (Spanish, Polish, etc.)*

The 10-hour training program is primarily intended for entry level workers. The 30-hour training program is intended to provide workers with some safety responsibility a greater depth and variety of training. All outreach training is intended to cover an overview of the hazards a worker may encounter on a job site. Training emphasizes hazard identification, avoidance, control and prevention, not OSHA standards. (OSHA.GOV)

AERIAL WORK PLATFORM TRAINING: *Forklift classroom training and operator skills testing is offered for classes 1 through 7 of powered industrial trucks — including counterbalanced, narrow-aisle and wire-guided vehicles. Passing students receive an Operation ID Card, and*

records are kept on file at our office. Operator safety training and refresher courses available:

- *Forklifts*
- *Rough terrain forklifts*
- *Aerial work platforms*
- *Personal/Utility vehicles*
- *Carrydeck cranes and skid steer loaders*
- *Floor sweepers & scrubbers*
- *Mobile rail car movers (EQDEPOT.COM)*

Safety meetings are a priority on each job site. Our foremen direct weekly Toolbox meetings and bi-weekly safety inspections are completed on site by our Project Manager. In addition, each project has customized MSDS sheets to meets its particular requirements.

T-2D Quality Control Plan

Clear quality expectations, measurements and processes are essential to ensure quality control in a project. Goals include: staying on schedule, on budget, fulfilling the contract, and ensuring our final product. To this aim, regular, clear communication is fundamental.

Triangle's Team will seek to maintain a clear understanding of the project scope and any project changes as they occur. Solutions involve much coordination between our office, our foreman onsite, other contractors, and the owner. Triangle's Project Manager communicates with the job site for schedule updates and work review on a regular basis either in person or via phone and is readily available to the site Foreman. Work summary sheets based on project specifications and bid proposals are reviewed habitually with the Foreman and kept on site for easy review.

TECHNICAL SECTION 3: STAFFING PLAN

Demonstrate we have adequate resources to provide a timely, reliable and adequate supply of properly skilled workers to complete this project safely and on schedule.

T-3A Staffing Resources

We bring quality, integrity, and commitment to every project, and with over 25 years experience in the Sprinkler Industry, our team provides superior service for all your automatic fire protection needs. In addition to our 25 years of service, our base Team has worked together over ten years providing timely, reliable project design, management, and installation for thousands of projects. Each of our Fitters are part of the larger group *Sprinkler Fitters Local 669* which governs more than 10,000 active journeymen and more than 2,000 apprentices.

T-3B Skill Training

Each of our Sprinkler Fitters has had to complete a 5-year apprenticeship program with Penn State University and also 5 years of on the job training. This apprenticeship program is recognized and approved by both the Federal and State Governments.

Triangle retains a number of employees who maintain a NICET Level I or Level II Certification. NICET's nationally recognized certification programs are designed by industry experts and practitioners to ensure a qualified workforce:

The Inspection and Testing of Water-Based Systems certification program is for engineering technicians engaged in the inspection and testing of existing water-based fire protection systems, including identifying and addressing emergency and pre-planned impairments. Areas covered include inspection, testing, documentation, safety, and work management. Technical areas covered include types of water-based systems and their components; types of damage and deficiencies that can impact system operation; basic building features; system inspection and testing frequencies, requirements, and procedures; use of appropriate tools and test equipment; working safely with minimal impact on surroundings; applicable codes and standards, primarily NFPA 25; impairment procedures; and reporting of findings.

- *Level I is designed for technicians who perform limited job tasks under direct supervision.*
- *Level II is for technicians who perform routine inspection and testing tasks under general daily supervision.*

Backflow Training: *NEWWA offers specialized training and certification in cross connection control surveying as well as backflow prevention device inspector/testing. NEWWA utilizes the U.S.EPA Cross-Connection Control Manual, and Recommended Practice for Backflow Prevention and Cross-Connection Control M14, Fourth Edition, which is available through the AWWA bookstore. This course will help students understand cross connection control and provide them with the knowledge to test backflow prevention devices. Written and practical exams for students to become a NEWWA-certified Backflow Prevention Device Inspector/Tester are given on the last day of the course. Classroom and hands-on instruction will cover cross connections and their health hazards; backflow and its many types; how to test three types of backflow prevention devices; how to choose the appropriate device for a facility; troubleshooting; and regulations and codes. Note that NEWWA certification is universally*

accepted (except with Aqua America in Pennsylvania), however, some states such as Massachusetts, Connecticut, and New York require their own certification, separate from the NEWWA certification.

Confined Space Training: *The Entrant, Attendant, Supervisor (EAS) Course is an 8-Hour OSHA Permit Required Confined Space (PRCS) session that includes the following elements:*

- *Initial training requirements for PRCS EAS applicable to the entry of PRCS*
- *Respiratory Protection Training in accordance with 29 CFR 1910.134 including fit testing for the use of self-contained breathing apparatus and supplied air respirators*
- *Non-entry rescue retrieval drills*

Other certifications and memberships we hold include:

- **ASCET - American Society of Certified Engineering Technicians**
- **CPR**
- **Hilti Firestop**
- **FallProtection**
- **Healthcare Construction Certificate:** *Education with a comprehensive risk management approach to critical topics in health care construction, including: the health care planning, design, and construction process; Life Safety compliance; construction risk assessment (including general risks and a special focus on infection risks); mechanical, electrical, and plumbing systems (MEP); medical gas systems; medical technology; and project expectations. Latest compliance issues in health care construction, and learn what owners, staff, and patients expect of constructors working in the health care environment.*

T-3C Workforce Safety

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