

Andy Gorgol, P.E.

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EDUCATION

Purdue University, West Lafayette, IN December 2010
Bachelor of Science in Technology
Major: Mechanical Engineering Technology

Professional Engineer Certification (PE11900820) - Fire Protection, Indiana, December 2019

WORK EXPERIENCE

Project Manager, Ryan Fireprotection, Noblesville, IN **February 2020 - Present**

- Perform project management duties for large sprinkler projects including submittals, trade coordination, permits, RFI's, change orders, billing, projections, and scheduling
- Design wet/dry fire sprinkler and special hazard systems per NFPA and local codes
- Perform hydraulic calculations to ensure adequate system water supplies
- Review fire sprinkler, fire alarm, and special hazard systems for code compliance
- Provide fire protection consulting to general contractor customers on various projects
- Work alongside estimators to ensure proper front-end code compliance on bids
- Assist other design engineers on system layouts and code interpretations
- Utilize Building Information Modeling (BIM) software to coordinate with other trades to ensure efficient building construction
- Submit and review fire protection state variances for in-house projects

Design Manager/Design Engineer/Project Manager, RSQ Fireprotection, Indianapolis, IN
August 2015 - February 2020

- Oversaw a design department consisting of 6 Design Engineers/Project Managers while continuing to perform the same Designer/PM role
- Reviewed drawings and hydraulic calculations within the department for submittal to state and local jurisdictions
- Facilitated meetings and continuing education/training for the design department
- Interpreted NFPA codes for the design staff to ensure all systems are code-compliant
- Provided fire protection consulting to architects/engineers/GC's on various projects
- Designed automatic fire sprinkler systems per NFPA and local codes
- Designed special hazard systems including deluge and in-racks
- Performed hydraulic calculations to ensure adequate system water supplies
- Performed project management duties for each project including submittals, trade coordination, permits, RFI's, change orders, billing, projections, and scheduling

Design Engineer, Ryan Fireprotection, Noblesville, IN **December 2010 - August 2015**

- Designed automatic fire sprinkler systems per NFPA and local codes
- Hydraulically calculated and listed fire systems using custom computer software
- Coordinated with building and MEP contractors to ensure efficient system installation
- Project managed residential projects and oversaw sprinkler pipe fitting crews
- Researched applicable fire protection codes that apply to proper system layout

PROFESSIONAL AFFILIATIONS

- National Fire Sprinkler Association (NFSA)
- National Fire Protection Association (NFPA)