PERSONNEL QUALIFICATIONS

Donald G. Goosman | Associate Principal

EDUCATION

- Oklahoma State University
  - Bachelor of Science, Fire Protection and Safety Engineering Technology, 2002
- Worcester Polytechnic Institute
  - Master of Science, Fire Protection Engineering, 2012

PRACTICE AREAS

- Fire Protection Engineering
- Building/Fire Code Consulting and Peer Review
- Fire Protection System Design/Analysis
- Fire/Life Safety/Egress Assessment
- Third-Party Code Enforcement Services
- Construction Period Services
- Code Compliance Alternatives

REGISTRATIONS

- Professional Engineer in CO, IL, IN, MD, NV, OH, OK, and VT

PROFESSIONAL AFFILIATIONS

- National Fire Protection Association (NFPA)
- Society of Fire Protection Engineers (SFPE)

CONTACT

dgoosman@wje.com
847.272.7400
www.wje.com

EXPERIENCE

Donald Goosman joined WJE in 2015 and has nearly twenty years of experience in fire protection engineering, project management, and technical leadership. Throughout his career, Mr. Goosman has participated in numerous design and consulting projects, providing a high level of client satisfaction. His expertise includes preparing design drawings and technical specifications for fire alarm systems, fire sprinkler systems, fire pumps, foam suppression systems, and clean agent systems; preparing life safety drawings; and performing fire protection and life safety building surveys, assessments, and due diligence reviews. He also conducts building and fire code compliance drawing reviews and construction inspections; prepares equivalencies and alternative fire protection strategies; and performs third-party testing for fire sprinkler systems, fire alarm systems, and smoke control systems. He has experience in various vertical markets, including high-rise buildings, hotels, universities, large corporate campuses, industrial, gaming, government and military facilities, and hangars.

Prior to joining WJE, Mr. Goosman held several positions at a large international fire protection engineering firm. In his most recent position as the operations manager of their Chicago office, he led a group of more than twenty fire protection engineers, security consultants, and administrative staff while actively managing and providing technical solutions on several large projects.

REPRESENTATIVE PROJECTS

Building/Fire Code Consulting and Peer Review

- McCormick Place - Chicago, IL: Code consulting for event center
- Guest House at Graceland - Memphis, TN: Fire-rated assemblies equivalencies
- Market Square - Cleveland, OH: Mass timber construction code consulting
- Odysseo Cavalia Circus - Multiple Locations, Canada and U.S.: Temporary structure egress design; alternative methods

Fire Protection System Design/Analysis

- Southwest Airlines Hangar - Denver, CO: Foam, fire sprinkler, and fire pump design
- Naval Air Station, Sigonella Aircraft Hangars - Sigonella, Italy: Foam and fire sprinkler design
- Procter & Gamble, Winton Hill Technical Center - Cincinnati, OH: Campus fire alarm system replacement *

Fire/Life Safety/Egress Assessment

- Cousins Properties - Various Locations, U.S.: Property condition assessment of nineteen office buildings
- MillerCoors - Various Locations, U.S.: Sprinkler and fire alarm system assessment *
- Chicago Transit Authority - IL: Sprinkler and fire alarm assessment of multiple bus and rail maintenance garages *

Third-Party Code Enforcement Services

- Four Winds Casinos - New Buffalo, MI; Hartford, MI; Dowagiac, MI, and South Bend, IN: Third-party code enforcement
- Wind Creek Casino - East Hazel Crest, IL: Third-party code enforcement
- Gray Wolf Casino - Missoula, MT: Third-party peer review

Construction Period Services

- Mundelein High School Science Lab Addition - Mundelein, IL: Smoke control system commissioning
- Fontainebleau Hotel - Miami Beach, FL: Smoke control system commissioning *

** Indicates with previous firm*

TECHNICAL COMMITTEES

- NFPA 20 - Fire Pumps
- NFPA 92 - Smoke Control Systems
- NFPA 101 - Life Safety Code, Assembly Occupancies
- NFPA 204 - Smoke and Heat Venting
- NFPA 241 - Safeguarding Construction, Alteration, and Demolition Operations
- NFPA 409 - Airport Hangars
- NFPA 1030 - Fire Marshal Professional Qualifications
- NFPA 5000 - Building Construction and Safety Code, Assembly Occupancies