



EDUCATION

- Villanova University
 - Bachelor of Mechanical Engineering, 2002
- University of Maryland
 - Master of Science, Fire Protection Engineering, 2007

PRACTICE AREAS

- Facade Fire Spread (NFPA 285) and Risk Assessment for Existing Buildings
- Fire/Life Safety/Egress Assessments
- Fire Protection System Design/Analysis
- Code and Standard Consulting
- Loss Investigation
- Performance-Based Design
- Fire Modeling/Egress Modeling

REGISTRATIONS

- Fire Protection Engineer in CA
- Professional Engineer in IL

PROFESSIONAL AFFILIATIONS

- National Fire Protection Assoc.
- NFPA 1 and NFPA 30 Principal
- NFPA Tech. Comm./Fire Tests (NFPA 285) - Principal
- Soc. of Fire Protection Engineers (SFPE) - Existing Bldg. Task Group
- SFPE - Chicago Chapter, board

CONTACT

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EXPERIENCE

Nicholas Ozog has more than twenty years of fire protection engineering experience with expertise in building and fire code analysis, property conditions assessments, fire protection system design, fire modeling, risk assessment, and loss control investigations. He has worked extensively on performance-based design and code analyses for a range of clients, projects, and occupancies, including some of the largest hotel chains and healthcare networks in the United States. Additionally, he has performed risk assessments around the world for existing buildings constructed with combustible facade materials.

Before joining WJE in 2016, Mr. Ozog was a loss control consultant for an insurance agency in Chicago, where he provided risk assessments and construction administration services, developed fire protection system criteria, applied NFPA and FM standards to heavy industrial risks, and created loss control programs. He also trained as an underwriter using risk management principles.

REPRESENTATIVE PROJECTS

Building Code, Fire Code, and Standards Consulting

- McCormick Place Event Center - Chicago, IL: Development of alternative fire protection concepts for 11,000-seat arena
- Willis Tower - Chicago, IL: Podium design, life safety, code consulting and concepts for egress with City negotiation for tower repositioning
- Wolf Point - Chicago, IL: Egress and smoke mitigation plan development and life safety code consulting
- Willis Tower - Chicago, IL: Tenant buildout and Skydeck redevelopment fire protection engineering; life safety code consulting
- Advocate Illinois Masonic Medical Center, Center for Advanced Care - Chicago: Hospital addition and renovation building code; smoke control and interim life safety plans consulting

Combustible Facade/Facade Engineering

- St. Francis Downtown Tower - Greenville, SC: Hospital building enclosure repair and rehabilitation; structural fireproofing and fire-resistant joint system consulting
- International Residential Building Management/Ownership Group: Review of existing buildings for combustible facade materials and for potential fire spread risk assessment
- Buildings - West Coast, US: Evaluation of facade materials, cladding design, and interior fire protection and life safety systems to assess facade fire spread risk
- Buildings - South-Central US: Existing building metal composite material cladding facade review and building risk assessment

Condition Analysis

- San Francisco Maritime National Historic Park, Aquatic Park Bathhouse - CA: Property condition assessment with options to increase use of space and maintain historic integrity
- Healthcare Network - Pacific Northwest, US
- Petrochemical Facilities - US
- Paint/Coating Manufacturers - Midwest US

Performance-Based Design/Rehabilitation

- Old Chicago Post Office - IL: Passive fireproofing and fire protection consultant; fire testing
- Rehabilitation Institute of Chicago - IL: Life safety analysis and smoke control analysis for cutting-edge patient treatment/research suites *

* Indicates with previous firm