



## Douglas R. Nadeau, MSFPE, PE, CFPS, LEED AP

### President - Senior Fire Protection Engineer

#### RESPONSIBILITIES:

Doug Nadeau is the President of RAN Fire Protection Engineering, PC. His responsibilities include design of fire protection as well as with serving as the primary business and marketing officer for the firm. Mr. Nadeau provides technical support and guidance to building owners, facility management, and staff on all fire protection related issues. His experience ranges from design, coordination, and management of the firm's fire protection projects to executive responsibilities in all aspects of the firm's work.

#### CREDENTIALS:

- President, Society of Fire Protection Engineers (New York Empire Chapter)
- Consulting-Specifying Engineer Magazine 40 under 40 2008 Award Winner
- Currently teaching at fire protection design at UCLA. Previous experience as a professor for fire protection engineering courses at John Jay College, and Schenectady County Community College.
- Extremely proficient with the application of the International Building Code, BOCA, UBC, historical building code analysis and performance-based equivalencies.

#### RELEVANT EXPERIENCE:

Mr. Nadeau has been recognized as being a leader in the field of fire protection engineering. His responsibilities include complete design of fire protection including contract drawings and specifications as well as project coordination, administration, construction management and cost estimating. Mr. Nadeau has worked as a lead design engineer for fire protection in all types of buildings and uses for over twenty-five years. He has conducted risk evaluations of various building features involving building code application, fire modeling, identification and resolution of hazardous conditions.

Mr. Nadeau has a long history of experience with commercial, public, and institutional buildings. Mr. Nadeau's work has involved the development of risk mitigation techniques and life safety systems specific to building design. He has conducted studies analyzing the protection of the facility property, the protection of occupants, and the redundancies necessary to provide a continuity of business function in the case of a fire emergency. One of his analyses has become the design criteria for a major metropolitan city's fire department.

The unique experiences that Mr. Nadeau brings to projects allows for creative engineering options to be successfully implemented. At the same time, this allows the overall property protection and continuity of business operation goals to be accomplished.

Mr. Nadeau's work evaluating the life safety provisions inherent to the Uniform Building Code (UBC) and Building Officials and Code Administrators (BOCA) has been internationally published. In addition, his expertise in the determination and application of the intent of building codes has allowed him to function as a reference for state agencies and local municipalities.

#### Education

Master of Science  
Fire Protection  
Worcester Polytechnic  
Institute  
Bachelor of Science  
Mechanical Engineering -  
Worcester Polytechnic  
Institute  
Bachelor of Science  
Physics  
Worcester Polytechnic  
Institute

#### Registrations

California  
Connecticut  
Louisiana  
Massachusetts  
Pennsylvania  
New Hampshire  
New Jersey  
New York  
North Carolina  
Rhode Island  
Texas  
Vermont

#### Memberships

National Council of Examiners  
for Engineering & Surveying  
(NCEES)  
National Fire Protection  
Association (NFPA) Society of  
Fire Protection Engineers  
(SFPE)—former president  
American Society of Plumbing  
Engineers(ASPE)—former  
treasurer  
Salamander Honor Society