



STEVEN PIETROPAOLO, M.S., P.E., CFEI, DFE
LGI Forensic Engineering



LGI FORENSIC ENGINEERING, P.C.

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QUALIFICATIONS & SERVICES: Steven Pietropaolo, P.E., has a Bachelor Degree of Engineering in Electrical Engineering and a Master of Science Degree in Mechanical Engineering from Manhattan College. He has participated in hundreds of hours of postgraduate professional development training in various engineering and construction disciplines as well as topics including material failure analysis, fires, fire protection systems, explosions, construction defects, and product liability. Mr. Pietropaolo is a Licensed Professional Engineer (P.E.) in the State of New York, amongst many others. He is a Certified Fire and Explosion Investigator and a Certified Fire Investigator Instructor. He is Board Certified in Forensic Engineering by the National Academy of Forensic Engineers. He has over 30 years of hands on engineering experience including electrical, mechanical, materials, safety, human factors, fire protection, and construction. He has knowledge of codes and standards used in construction and industry including building codes and safety codes. He is an expert in investigating and opining on New York State Labor Law cases (§200, §240(1) and §241(6)) involving falls, electrical shock and other construction related accidents, including evaluation and analysis of the New York State "Industrial Code Rule 23". He has provided safety engineering consulting and expert services to manufacturers, construction companies and retailers. His expertise is in the field of forensic investigations of; product defects, fires/explosions, fire protection systems, industrial accidents/injuries, building failures, construction defects and electro/mechanical system failures. He has extensive experience in Utility Company procedures/equipment and investigating major incidents involving electrical, gas, steam system failures, and construction accidents. He has testified as an expert witness many times in cases in New York, New Jersey, Connecticut, and Federal Courts. He has been retained on numerous large multimillion-dollar property damage cases as well as fatal accidents and fires/explosions including those that resulted in injury. Mr. Pietropaolo operates a full service forensic engineering and architectural firm and an ISO 17025 accredited materials and chemical testing laboratory and is a nationally known expert in the field of forensic engineering.

EDUCATION:

MANHATTAN COLLEGE, School of Engineering, Riverdale, NY
Master of Science in Mechanical Engineering – May 1999
Bachelor of Engineering in Electrical Engineering – September 1987

PROFESSIONAL REGISTRATIONS:

LICENSED PROFESSIONAL ENGINEER in CT, DC, DE, FL, IN, MD, ME, NH, NJ, NY, PA, VT

CERTIFICATIONS:

Certified Fire and Explosion Investigator (CFEI) 2010
Certified Fire Investigation Instructor (CFII) 2012
Board Certified Diplomate in Forensic Engineering (DFE) by the National Academy of Forensic Engineers (NAFE)

PROFESSIONAL DEVELOPMENT (BY SUBJECT):

Fire/Explosion Science and Investigation
Building Science and Investigation
HVAC/ R, Mechanical Engineering, Plumbing Engineering & Fire Protection Engineering
Electrical Engineering
Safety & Human Factors Engineering
Failure Analysis, Materials Engineering & Product Liability
Construction, Building Codes, Structural, Geotechnical & Environmental Engineering
Forensic Consulting, Ethics & Expert Witnessing

PROFESSIONAL EXPERIENCE:

LGI Forensic Engineering, P.C., North White Plains, NY 1999 to present
President & CEO/Forensic Engineer