

PETER J. GLISMANN, CSP,MS, PE
PROFESSIONAL ENGINEER

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Professional Summary

Board Certified Diplomate in Forensic Engineering, National Academy of Forensic Engineers. Licensed Professional Engineer in 10 states with experience in safety, code enforcement and inspection. Performed hundreds of safety and code enforcement investigations for insurance companies, construction firms, law firms and entertainment industry partners (NETFLIX, Shubert Organization, Jujamcyn). Evaluated buildings and structures for various conditions and forms of damage to the roof, foundation and building envelopes including code compliance, construction defects, risk assessment, damage from water or moisture intrusion, structural failure analysis, damage from weather-related events: hurricane, tornado, wind and rain, damage from differential foundation movement: construction vibration, blasting or explosions, and fire damage. Wrote and defended several Expert Reports. Published author as a Safety Engineer (Systems Engineering and Safety – Building the Bridge, Taylor & Francis/CRC Press).

Education and Licenses

B.S. Aeronautical and Astronautical Engineering, The Ohio State University
M.S. Systems Analysis and Management, George Washington University
Professional Engineering License in New York (083976), New Jersey (24GE04846300), Pennsylvania (PE087464), Massachusetts (Mechanical 54148), Vermont (018.0134 124), Connecticut (35088), New Hampshire (16719), Delaware (25612), Maryland (57093), Florida (PE90986).

Work History

GlisWorks Engineering & Consulting, PLLC New York, NY

2006 - Present

Sole Proprietor: Forensic Engineer, Expert Witness, Special Inspector

Forensic consultation and investigation to determine the cause and origin of various site issues, including design and construction defects, code compliance deficiencies, and weather-related damage to residential and commercial properties. Perform site evaluations, field analysis, and assessments of structural and architectural systems including roofs, foundations and building envelopes. Provide evaluations for failures due to damage from hail, wind, moisture intrusion, flooding, building envelope failures, and general construction failures. Provide general recommendations for remediation and repair. Perform structural failure analysis, and evaluation of damage from hurricanes, tornados, ice/wind/snow, fires, explosions, blasting, construction vibrations, and differential foundation movement. Prepare and defend professional damage assessment reports for affected properties.

Perform code enforcement, special inspection, property and casualty insurance, and forensic engineering investigations for demolition, new construction, and renovation. Evaluate buildings and structures for various conditions and forms of damage, including code compliance, construction defects, risk assessment, moisture intrusion/water damage, structural failure analysis, differential foundation movement, and weather-related damage from rain, hail, wind, hurricane, tornado, and fire.

Metropolitan Transportation Authority New York City Transit – New York, NY

2002 - 2013

New Technology Application Safety Engineer, Office of System Safety

Reviewed and inspected design and construction for bus and train depot and repair structures. Led quality and safety reviews for procurement of new technology and equipment for passenger cars and work rail cars. Served on the Hazardous Material (HAZMAT) First Responder Team. Generated and produced the roadmap to close gaps in the Gap Analysis between safety goals and performance. Engaged with industry specialists and task forces at the city and state level. Conducted root cause safety failure investigations, audits and inspections.

Construction Project Manager, Information Services Department

Reviewed upgrades: egress, data transfer, and Americans with Disabilities Act (ADA) compliance on structures used for parking revenue collection at airport properties: Newark, NJ, John F. Kennedy & LaGuardia Airport, NY. Field Engineer for cutover installation and testing of Information Technology upgrades. Set up procurement and supply chain for new technology hardware and software. Vetted and hired third-party safety advisors and consultants to ensure successful completion of safety and sustainability Key Performance Indicators (KPIs).

Professional Affiliations

American Concrete Institute	Field Inspector Level I
American National Standards Institute	UAV Inspections Roadmap Participating Author
American Welding Society	Certified Welding Inspector
Board of Certified Safety Professionals	Certified Safety Professional
FAA	Certified Part 107 UAV Pilot
International Code Council	Master of Special Inspection
	Reinforced Concrete Special Inspector
	Structural Masonry Special Inspector
	Structural Welding Special Inspector
	Structural Steel & Bolting Special Inspector
	IgCC Commercial Inspector with ASHRAE 189.1
	Commercial Energy Inspector
	Green Building – Residential Examiner
	Spray Applied Fireproofing Special Inspector
National Academy of Forensic Engineers	Board Certified Diplomate General Member
National Fire Protection Association	Certified Fire Protection Specialist
	Certified Fire Inspector Level I
National Society of Professional Engineers	NY, NJ, PA, MA, VT, CT, NH, DE, MD, FL
Honorable Discharge, US Coast Guard Reserves	