



Richard Stogran

HCI-R, PE, HCI-C

Senior Managing Engineer

Department

Engineering Services

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Locations

Orlando, FL

Biography

Rich began his engineering career in the mining industry, where his roles included project management of the installation of new process equipment lines, process line modifications, machine optimization, and management of contractor work forces on large capital projects. It was during those experiences that he realized that one of the most rewarded aspects of the work was digging into the details, evaluating the facts, and getting to the root cause of a problem.

What would often appear to be a complex problem with no immediate solution, could be solved by systematically evaluating each individual component and turning that large seemingly unsolvable problem into small manageable solutions, until the ultimate fix would emerge. After seven years, he was able to obtain his Professional Engineer license in the State of South Carolina, while discovering his passion for forensic engineering consulting work. Rich has actively consulted for insurance companies, private companies, legal clients, and individuals for over 10 years, including providing testimony in multiple trials. Living near Orlando, Florida, he is centrally located within the state and able to provide resolution for engineering questions throughout Florida, as well as the contiguous States, the southeastern region, and the Caribbean islands.

Credentials

- HCI-R | HAAG Certified Inspector - Residential
- PE | Professional Engineer
- HCI-C | HAAG Certified Inspector - Commercial

Representative Consulting Assignments

- Storage and Shipping Terminal | Tampa, Florida | Determine cause of a collapsed metal silo
- Large Transport Trailer | Waynesboro, Georgia | Evaluate the damage scope to a transport trailer carrying a turbine casing at a nuclear power facility
- Condominium Building | Hollywood Beach, Florida | Determine the cause of a malfunction to a gas powered boiler system
- Condominium Building | Ormond Beach, Florida | Examination of the damage scope to the roofing system resulting from a hurricane
- University Maintenance Building | Orlando, Florida | Evaluate the cause of damage to a large diesel engine for a primary generator
- Trailer Mounted Injection Silo | Atlanta, Georgia | Determine the cause of a tip-over of a hydraulically articulated silo mounted atop a trailer
- Food Processing Plant Evaluation | Dawson, Georgia | Evaluation of the damage scope and reparability of damages to equipment at a food processing and handling due to fire
- Condominium Building | Miami, Florida | Determine the cause of a malfunction to the diesel engine for a fire sprinkler pump and evaluate its reparability
- Commercial Metal Building | Daytona Beach, Florida | Consultation

- regarding the evaluation of the damage scope resulting from a hail event
- Commercial and Condominium Resort | Kissimmee, Florida | Consultation regarding the evaluation of the damage scope and reparability of a low-slope roofing system and exterior finishes of a commercial building and condominium units after a hurricane event
- Damage to Backup Diesel Generators at Hospital | Fairfax, Virginia | Determine the cause and scope of damage to multiple diesel generators used for backup power at a hospital facility
- Condominium Building | Miami, Florida | Determine the cause of a rupture to metal piping from a fire sprinkler system
- Chiller Damage Evaluation | Miami, Florida | Consultation regarding the evaluation of the damage scope and reparability of a commercial chiller system
- Shipping Terminal | Brunswick, Georgia | Consultation regarding the evaluation of the damage scope to conveyor systems and structures damaged by fire

Professional Experience

- 2021 - Current | Senior Managing Engineer | YA Engineering Services
- 2011 - 2021 | Consulting Engineer | Engineering Design & Testing, Corp.
- 2008 - 2011 | Project Engineer III | Lafarge North America
- 2008 - 2008 | Design Engineer | FLSmidth Inc.
- 2004 - 2021 | Project Engineer/Maintenance Engineer | Lafarge North America

Area of Practice

- ADA Compliance Assessment
- Building Envelope
- Damage Assessment
- Failure Analysis
- HVAC and Mechanical Systems
- Litigation Support
- Plumbing Systems
- Roofing
- Water Leakage Testing and Analysis

Education

- The Pennsylvania State University, State College - Bachelor of Science - Mechanical Engineering - State College - Pennsylvania

Affiliations

- American Society for Metals (ASM)
- American Society of Mechanical Engineers (ASME)
- National Roofing Contractors Association (NRCA)

Licenses

- 76367 - Florida - Professional Engineer
 - 36328 - Georgia - Professional Engineer
 - 46120 - Louisiana - Professional Engineer
 - 28695 - South Carolina - Professional Engineer
 - 402051246 - Virginia - Professional Engineer
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- 24662 - West Virginia - Professional Engineer