



REGISTRATIONS

- Puerto Rico, E.I.T.
License No. 25513

EDUCATION

**University of Puerto Rico,
Mayagüez Campus**
B.S. Civil Engineering, 2012

PRACTICE AREAS

- Forensic Investigation
- Structural Assessment and Evaluation
- Repair and Remediation
- Destructive and Nondestructive Testing
- Construction and Project Management

PROFESSIONAL AFFILIATIONS

- American Concrete Institute (ACI)
- Civil Engineers Institute of Puerto Rico (IIC)
- Professional College of Engineers and Land Surveyors of Puerto Rico (CIAPR)

EXPERIENCE

Rolando Pagán' forensic consulting experience at CESG has included the condition assessment and evaluation of distressed structures, concrete material analysis, and the investigation and evaluation of design and construction defects. While at CESG, Rolando has acquired the training and experience in performing detailed and comprehensive investigations of commercial and industrial structures subject to dynamic loadings such as construction vibrations and seismic exploration activities. Rolando Pagán has acquired training for the nondestructive evaluation of existing structure including ground penetrating radar, ion chloride, and load test, among others.

SELECTED PROJECTS

Destructive and Nondestructive Testing

- Condition Assessments
- CPR Weld Inspection for Structural Repairs: San Juan, PR
- Ground Penetrating Radar Scanning for Reinforcement Location: San Juan, PR
- Chloride Ion Testing: Cataño, PR
- Concrete Maturity Technology for Concrete Strength: San Juan, PR
- Impact-Echo Testing: Allen, Texas
- Half-Cell Potential: Cataño, PR
- Concrete Pull-Off Testing: San Juan, PR

SELECTED PROJECTS

Forensic Investigation

- Structural Evaluation, Monitoring, and Repair of an 18,500 Seat Arena: CPR San Juan, PR
- Structural Evaluation on Distressed Ship Pier: Carnival Port Roatán, Honduras
- Structural Evaluation on an 18,000 Seat Stadium: Allen Eagle Stadium, Allen, Texas
- Structural Evaluation, Monitoring, and Repairs of an Historical Building: Bacardí, Cataño, PR
- Structural Evaluation: Capitolio de Puerto Rico, San Juan, PR
- Investigation of Distress in Medical Facilities Building: Veterans Affairs Hospital, San Juan, PR
- Condition Assessment to a marine exposed environment facility: Puerto Rico Electric Power Authority, Salinas, PR
- Investigation of Distress on Steel Elements (285 ft. monument): Columbus Monument, Arecibo, PR
- Condition Survey and Load Testing on a 13,000 ft² Penthouse: San Juan, PR
- Structural Assessment of a Structure Exposed to Ground Vibrations: Carolina, PR

Structural Evaluation and Repair Management

- Structural Repairs Management and Inspection of Historical Building: Bacardí Cataño, PR
- Mass Concrete Foundation (1500yd³): Columbus Monument, Arecibo, PR
- Mass Concrete Foundation (1750yd³): Total Gasoline Tanks, San Juan, PR

CONTACT INFO

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