

STRUCTURAL & FORENSIC ENGINEERING

SGS

TEC SERVICES
Testing • Engineering • Consulting

- General Condition Assessments
- Industrial Facilities, Bridges, Parking Garages, Waste/Water Treatment Plants, Balconies, Etc.
- Evaluation of Distress or Failures

LOAD TESTING

- Anchor Rod/Bolt Testing (ASTM E488)
Shear
Tension/Pull-off
- Performance Load Testing of Structural Systems
- Handrail Load Testing
- Roof Anchor Testing (ANSI/IWCA 14-1)
- Bond Testing (ASTM C1583, ICRI 210.3)



NDT & FIELD TESTING

- Turnkey Structural Evaluations
- Coring & Exploratory Openings
- Compressive Strength Evaluation
- Existing Steel Strength Evaluation
- Carbonation and Chloride Depth
- NDT Corrosion Evaluation
- Ground Penetrating Radar (GPR)
- Ultrasonic Pulse Velocity (UPV)
- Impact Echo
- Rebound Hammer
- Tomography
- Thermal Imaging



SPECIALTY ENGINEERING AND TESTING

- Roof Anchor Design and Certification Testing
- Fire Damage Assessment
- Carbon Fiber Design, Inspection, and Testing
- Concrete Repair Design, Inspection and Testing
- Evaluation of ASR, ACR, and other Deleterious Reactions



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