



## Atif Taftaf

E.I.T.

Senior Associate

### Department

Engineering Services

Tel: (832) 938-9570

Email: atif.taftaf@yagroup.com

### Locations

Dallas, TX

## Biography

Atif Taftaf, E.I.T., is a civil engineer with over nine years of experience in project management and specialized testing. Holding a Bachelor's degree in Civil Engineering, Atif has developed a strong expertise in building enclosure testing and consulting, structural testing, and construction materials testing. Throughout his career, he has made significant contributions to major oil and gas industry projects, leveraging advanced technologies such as drones and thermal imaging to optimize project delivery and efficiency. Atif is a Part 107 Certified Remote Pilot and a certified handheld and sUAS Thermographer, further enhancing his capabilities in the field of engineering and technology.

## Credentials

- E.I.T. | Engineer in Training
- Level I sUAS & Handheld Certified Thermographer
- FAA Certified Drone Pilot
- International Code Council

## Representative Consulting Assignments

- Residential Apartments | Tallahassee, FL | Orlando, FL | San Marcos, TX | Huntsville, TX | Storm/Hail Damage Assessment | Conducted drone-assisted roof evaluations to assess storm and hail damages on multiple apartment complexes.
- Commercial Buildings | Pasadena, TX | Fort Worth, TX | Houston, TX | Anchor Pull Testing | Performed anchor bolt pullout tests to verify installation strength and ensure structural safety.
- Healthcare Facilities | Bedford, TX | Mansfield, TX | Dallas, TX | Roofing Assessments and Quality Assurance | Provided roof assessments, moisture surveys, and quality assurance inspections to extend roof lifespan and ensure compliance.
- Medical and Retail Buildings | Prosper, TX | Carrollton, TX | Window Testing and Firestopping Observations | Executed window performance testing and inspected firestopping installations for safety compliance.
- Industrial Structures | Sugar Land, TX | Fall Protection and Roof Anchor Certifications | Provided certification services for fall protection systems and roof anchors to ensure worker safety.
- Religious and Educational Facilities | Mustang, OK | Houston, TX | Thermal Surveys and Structural Services | Conducted thermal imaging surveys and provided structural services to improve energy efficiency and compliance.
- Pre/Post-Construction Surveys | Houston, TX | Construction Monitoring | Documented building conditions before and after construction to monitor structural integrity.

## Professional Experience

- 2024 - Current | Senior Associate | YA Group
- 2024 - 2024 | Associate III | ECS Limited
- 2023 - 2024 | Associate II | ECS Limited

- 2022 - 2023 | Staff Associate | ECS Limited
- 2019 - 2022 | Construction Materials Testing Specialist | ECS Limited
- 2015 - 2019 | Project Management & Engineering Roles | Various International Construction Projects

## Area of Practice

- Building Envelope
- Condition Assessment
- Construction Defect Reviews
- Infrared Thermography
- Drone Pilot
- Roofing
- Structural Analysis
- Water Leakage Testing and Analysis

## Publications and Presentations

- April 2017 - Alternative Methods with Smart Concrete for Traffic Monitoring, Annual Concrete Conference 2017 Istanbul, Turkey

## Education

- Yildiz Technical University - Bachelor's Degree - Civil Engineering - Istanbul

## Training Courses

- Aerial Boomlift 3b & Scissor Lift 3a Operator Certification - Blended - United Rentals - September - 2023
- Level I sUAS Applications Certified Thermographer - Infrared Training Center - January - 2023
- Level I Certified Thermographer - Infrared Training Center - October - 2022
- Level 1 Unbonded PT Inspection - Post-Tensioning Institute - March - 2021
- Construction Materials Testing: Soil - Level I - WACEL - January - 2020
- Concrete Laboratory Testing Technician - Level 1 - WACEL - September - 2019
- ASCE Construction Vibration Monitoring - 2024
- ASCE Structural Condition Assessment of Existing Structures - 2024
- IIBEC Reroofing Course - 2022
- IIBEC Rooftop Quality Assurance Course - 2022

## Affiliations

- American Society of Civil Engineers (ASCE)

## Licenses

- 80979 - Texas - EIT
  - 4498358 - Part 107 Remote Pilot
  - 10069489 - Spray Applied Fireproofing Special Inspector
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