

Diego Arocha Zambrana | EIT

1281 Kennestone Circle, Ste 100, Marietta, GA, 30066

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Professional Summary:

Mr. Arocha has three years of experience in the forensic assessment of damaged residential and commercial structures on behalf of numerous national and local insurance carriers and adjusters. Mr. Arocha has been engaged in the inspection of more than 100 damaged structures involving flood, wind, construction deficiencies, settlement, and vehicle impact during his employment. He has worked in tower mount design and rooftop mount designs with all code standards. Utilized software programs RISA 3D, Mathcad and tnxTower to check capacities.

Areas of Expertise include:

- Forensic Engineering
- Structural Engineering

Licenses and Certifications:

EIT Certificate, NCEES, NC, License # A-25972

Project Experience:

Destek Engineering, Miami, FL

Site Inspections

Engaged in more than 100 forensic engineering assessments in South Florida on behalf of numerous national and local insurance providers and adjusters. Assessments include damage to residential structures due to flooding, moisture infiltration and plumbing failures, structural damage, construction deficiencies and defects, and deterioration and performance of roofing systems.

Destek Engineering, Marietta, GA

Tower Mount Designs Worked in tower mount design and rooftop mount designs with all code standards. Utilized software programs RISA 3D, Mathcad and tnxTower to check capacities.

SGT LTDA, La Paz, Bolivia

Bidding Projects

Edited and set up plans for senior engineers upon their road design with Autocad. Helped organized several plans and sent out for construction for site biddings.

Professional Experience:

EFI Global, EIT, 2019- Present
Destek Engineering, EIT, 2014 – 2019
University Of South Carolina, Research Assistant, 2012 – 2013
SGT LTDA, Junior Engineer, 2011 – 2012

Education:

Master of Science in Civil Engineering, The University of South Carolina, Columbia, SC
Date: Dec. 2013
Bachelor of Science in Civil Engineering, The University of North Carolina at Charlotte, NC
Date: May 2011

Publications and Presentations:

Arocha Zambrana, Diego. "Benchmark problem for human activity identification using floor vibrations" Scholars. November 2013.