

Kevin Arnett, PE | Forensic Engineer

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Professional Summary:

Mr. Arnett has 15 years of experience with civil engineering design, structural inspections, and project management in the telecommunications industry. He is now putting these skills to use in forensic engineering investigations. Areas of engineering expertise include:

- Concrete foundation inspections
- Structural steel inspections
- Code compliance
- Site design
- Steel welding inspections

Licenses and Certifications:

Professional Engineer, NCBELS, North Carolina, License # 41317

Professional Engineer, DPOR, Virginia, License # 402056014

Professional Engineer, DOL, Maryland, License # 54482

Professional Engineer, Department of Consumer Protection, Connecticut, License # 31057

Professional Engineer, Board of Registration of Professional Engineers and of Land Surveyors, Massachusetts, License # 52403

Professional Engineer, Engineers and Surveyors Board, Ohio, License # PE84679

Certified Welding Inspector, American Welding Society, License # 15022611

Certification, OSHA 10-hour construction course

Project Experience:

Tower Engineering Professionals, Cruz Bay, USVI Foundation observation and inspection

Installation of new cell tower foundation over existing foundation (tower destroyed by a hurricane). Involved installing 20+ micropiles and pouring a new concrete pad. Documented the entire installation and concrete pour. Construction issues resulted in cold joint in new pad which we worked with GC and EOR to resolve.

Tower Engineering Professionals, Nahant, MA Cell tower modification/upgrade

An existing cell tower required a new steel spine and shrouds be installed. Detailed inspections included CWI on a new port install and structural steel bolting for installing new spine.

Project Experience (continued):

**Tower Engineering Professionals, Rocky Mount, VA
Cell tower modification/upgrade**

An existing cell tower had new leg reinforcement welded on. During final inspection several welds were found to be cracked. It was theorized the welder did not preheat the material properly. Welds were repaired and another inspection was completed.

Professional Experience:

EFI Global, Forensic Engineer, 2023 - present
Tower Engineering Professionals, Project Lead, 2014 - 2023
Tower Engineering Professionals, Field Tech II, 2010 – 2014
Tower Engineering Professionals, Engineer I, 2008 – 2010

Education:

BS, Mechanical Engineering, North Carolina State University, Raleigh, NC, 2007