

## Capabilities Statement for Tri-Tech Associates, Inc.

### Company Designations

DUNS Number: 01-692-3567  
CAGE Code: 9V439  
SAM Registration: Completed  
Other Certifications: Small Business per NAICS code;  
Emerging Small Business

### Federal NAICS Codes

**541330 Primary: Engineering Services –  
Structural, Mechanical, Electrical**  
541340: Drafting Services  
541350: Building Inspection Services –  
Commissioning, Forensics  
541490: Master Planning, Lighting Design  
541690: Energy Audits, LEED Consulting

### Company Overview

Tri-Tech Engineering provides quality professional engineering and design services for Plumbing, Mechanical, Electrical and Structural projects, in addition to LEED program management, Energy Study, Commissioning and Investigative/Forensics services. We are proud of the reputation we have developed since being founded in 1977, as a company that is truly "Built On Integrity." Our engineering and design professionals are experienced and capable to support your next project, from small building renovations to major new construction. With Tri-Tech's strong work ethic and commitment to building relationships, our clients know that they will be given the time, resources and attention to detail that are all necessary to successfully complete their projects.

### Expertise

Tri-Tech Engineering has the staff, equipment and technology available to support all company operations. We are a multi-disciplinary team of Mechanical, Electrical, and Structural Engineers, Designers, and CAD Operators, with Professional Engineers registered in over 30 states. We have successfully completed thousands of projects for the institutional, governmental, military, industrial, and commercial sectors of business. The dedicated efforts of our proven team result in engineering excellence.

### Capabilities and Strategic Partnerships

Tri-Tech staff is active in local branches of professional organizations such as ASHRAE, ASHE, ASCE, IEEE and NSPE. These partnerships ensure that our staff regularly receives field-specific training to better serve our clients and their projects. Additionally, our staff is trained in relevant design tools such as Revit, Microstation, AutoCAD, and TEKLA, all of which provide the ability to perform design calculations, Building Information Modeling (BIM), energy models, and construction documents.

### Overview of Technical Services

HVAC / Mechanical	Commissioning
Electrical	Energy Audits / Modeling
Plumbing	LEED Consulting
Structural	Criteria Engineering
Customized Controls	Forensic Studies

### Sample Projects

**Symbiotic Energy** – The client conceptualized a process that converted whole scrap tires into fuel for an electric generation plant. The process allowed the owner to replace up to 25% of coal usage with the waste tires. Tri-Tech's contribution included: process controls; electrical design; mechanical conveyance design; structural design; project management for start-up and debugging of the system.

**Lipo Chemicals** – Tri-Tech completed a design to convert an existing warehouse into a full-production facility that specializes in micro-encapsulation. The facility housed multiple processes that involved hazardous, flammable, and combustible products. The facility had to be designed with multiple fire control areas, including specialized fire protection, fire-rated assemblies, and proper containment. Tri-Tech was engineer-of-record for all electrical, mechanical, plumbing, structural, and fire protection aspects of the project.

### Current Staff

11 Professional Engineers; Various registrations in 40 states  
6 Staff / Design Engineers  
8 Senior Designers  
3 Staff Support Personnel

### Key Personnel

Robert Thomson, PE, CxA, LEED AP BD+C, CDT  
President, Managing Principal, Mechanical Engineer

Mark Stemmer, PE, SE, CSP, BCSP  
Managing Principal, Structural Engineer

Dan Frye, PE  
Project Manager, Electrical Engineer

Daniel Garman, PE, LEED AP BD+C  
Project Manager, Electrical Engineer

### Contact Information

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