

Tri-Tech Associates, Inc. Capabilities Statement



Company Overview

Tri-Tech Engineering provides quality professional engineering and design services for Plumbing, Mechanical, Electrical and Structural disciplines, in addition to LEED program management, Energy Studies, 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, and Designers, with Professional Engineers registered in 40 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

- Plumbing
- HVAC / Mechanical
- Electrical
- Structural
- Commissioning
- Energy Audits / Modeling
- Compressed Air Systems
- Specialty Pumping and Piping
- Compressed Natural Gas Systems
- Clean Room Systems
- Power Distribution
- Emergency Generators

Pre-Approved Criteria Engineering Provider

Criteria Engineering Services:

- Develop Project Concept and Scope with Owner
 - Meet with key stakeholders to review project
 - Establish general requirements and desired project outcomes
- Evaluate existing conditions and provide preliminary engineering design
 - Determine applicable building code requirements
 - Size and select basis of design equipment
- Create design criteria and performance specifications
 - Develop conceptual drawings to communicate project requirements and minimum performance standards
 - Establish proposed project schedule and budget
- Evaluate Design/Builder (D/B) submissions
 - Review Guaranteed Maximum Price (GMP)
 - Technical review of D/B equipment selections and engineering design
- Construction Administration services
 - Oversee testing and verification of installation
 - Respond to notices of differing site conditions
 - Confirm that the final installation complies with the overall project design intent and has achieved the desired project outcomes

Contact Information

Daniel Garman, PE – President
Ben Florkey, PE – Mechanical Engineer

Tri-Tech Associates, Inc.
1785 S. Metro Parkway
Centerville, OH 45459

Phone: 937-306-1630 Fax:937-938-6850

E-Mail: garman@tri-tech.us

florkey@tri-tech.us

Web: www.tri-tech.us