



CAPABILITY STATEMENT

A small, minority, veteran-owned company. NICET Certified.

COMPANY SUMMARY

With more than 25 years of combined engineering, design, and construction field service experience, FTS Consulting Group is a small, Veteran-owned business, offering full service mechanical and fire protection engineering and construction technical services. In addition to providing cost-effective approaches to each stage of a client's project, we distinguish ourselves by:

- Focusing on projects using simplicity and common sense.
- Performing straight-forward assessments, studies, compliance evaluations, and planning.
- Working closely with clients to limit unwanted change orders and coordination issues to provide a finished product that meets or exceeds governing standards.
- Maintaining a flat management style, which allows our senior engineers and technicians to remain hands-on in providing services.

CONTACT US

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COMPREHENSIVE SERVICES

FTS Consulting Group understands that the presence of sprinklers and smoke detectors alone do not define fire protection. Adequate fire protection involves many passive and active systems in your facility working together to prevent the occurrence of fire, to reduce its ability to spread, and to control its effect on the building and its occupants. FTS, through its education, training, and experience, possesses a working knowledge of the chemical and physical mechanisms of fire, which includes how fires originate, develop, and spread. Using a holistic approach to fire protection, FTS evaluates hazards and risks and develops fundamental fire prevention techniques through the design of life safety systems, policies, and practices to mitigate the effects of fire. In doing so, FTS executes optimum levels of fire protection while conserving client resources.

DESIGN

- Fire Alarm and Emergency Evacuation Systems
- Early Warning and Incipient Fire Detection Systems
- Fire Sprinkler and Standpipe Systems
- Special Hazard Suppression Systems
- Explosion Suppression Systems
- Smoke Control and Stairwell Pressurization Systems
- Private Fire Main Distribution Systems and Hydrant Locations
- Fire Protection Water Supplies including Fire Pumps and Tanks

CODE ANALYSIS

- Complete Building Code Analysis
- Fire Code Analysis
- Referenced Standards: NFPA, ASTM, ASME, OSHA, DOT, FAA
- Gap Analysis
- Performance-Based Design Solutions and Alternates
- Life Safety Analysis
- Timed Egress Analysis
- Passive Fire Protection Systems Analysis
- Negotiations with Code Officials
- Compliance Alternative Evaluations

PLANNING

- Life Cycle Cost Analysis
- Cost vs. Benefit Studies
- Construction Cost Estimating
- Construction and Program Management Services
- Pre-Fire Planning
- Hazardous Materials Storage Planning
- Fire Prevention Planning
- Industrial Process Safety Planning

CONSULTING

- Specialized Fire Protection Studies including: Visibility Calculations, Flame Height and Impingement,
- Egress Analysis, Life Safety Code Compliance.
- Risk-Based Analyses including: Risk Ranking, Process Hazard Analysis, and Fire Hazard Assessments.
- Specialized Third Party Inspections including: Firestopping Inspections, Fire Systems Testing, Commissioning and Inspection Services.