



FUEL TANK OPTICS

FUEL SYSTEM RELIABILITY FOR MISSION-CRITICAL OPERATIONS

CAPABILITY STATEMENT



Company Information

Company Name: Fuel Tank Optics LLC

Established: November 13, 2018

State of Incorporation: South Carolina

Business Type:

- Small Business
- Woman-Owned Small Business (WOSB) – Self-Certified
- Small Disadvantaged Business (Self-Certified)

UEI: L1DPZMB6JKE3

CAGE Code: 9FSL1

Address: 419 Cheves Drive, Charleston, SC 29412

Geographic Area Served: Nationwide (United States)

Phone: 843-442-4704

Website: www.ftopt.com

Payment Acceptance: Accepts Government Purchase Cards

Capabilities Narrative

Fuel Tank Optics, LLC specializes in the sales, installation, inspection, monitoring, and optimization of fuel storage systems designed to improve fuel quality, reduce contamination, and enhance reliability across mission-critical fuel infrastructure. The company supports aboveground storage tanks (ASTs), underground storage tanks (USTs), and sub-base tanks (SBTs/belly tanks) through fuel system assessments, performance monitoring, testing, preventative maintenance, and engineered fuel quality solutions.

Fuel Tank Optics helps federal, state, commercial, and industrial clients reduce operational risk, improve equipment performance, extend fuel system life, and maintain compliance with environmental and safety requirements. Through advanced fuel quality management practices and engineered fuel delivery solutions, the company supports the reliable operation of emergency generators, fuel dispensing systems, fleet fueling operations, and other fuel-dependent assets.

As a distributor and installer of U.S.-manufactured TopFLO floating suction systems, Fuel Tank Optics provides technology engineered to draw fuel from the cleanest level within a storage tank rather than from the contaminated lower portion where water, sludge, and microbial growth accumulate. Combined with fuel monitoring technologies such as TankVUE, this approach improves fuel quality, reduces maintenance costs, enhances equipment reliability, supports Buy American objectives, and helps protect critical infrastructure from contamination-related failures.

Core Competencies



- Installation of remote monitoring systems and Automatic Tank Gauge (ATG) systems
- ATG certification, troubleshooting, and electronic inventory reconciliation
- Sales and installation of TopFLO floating suction systems
- API 653 tank cleanings, inspections, and repairs
- Fuel polishing and fuel testing
- Joint Commission and DEP compliance testing
- Tank inspections and repairs
- Containment and sump tightness testing
- Cathodic protection (CP) system testing
- Biocide and fuel additive treatment programs
- Overfill protection device (OPD) inspections



Key Differentiators

- Focused on improving fuel quality and fuel system reliability
- Specialized expertise in TopFLO floating suction system installations
- Supports AST, UST, and sub-base tank systems
- Reduces contamination-related equipment failures and maintenance costs
- Helps extend fuel system and equipment life
- Supports compliance with operational and environmental requirements
- Provides retrofit-friendly solutions without major infrastructure replacement
- Responsive small business with direct leadership involvement and technical support
- Provides U.S.-manufactured fuel system technologies that support domestic sourcing and Buy American objectives

Past Performance

Project 1

Client: Santee Cooper
Location: Pineville, SC
Scope: Fuel cleaning and conditioning services to support fuel quality control and reliable operation of facility-based fuel systems
Contract Value: \$15,070.65

Project 2

Client: Perry Brothers
Location: Americus, GA
Scope: Fuel cleaning and conditioning services focused on contaminant removal and improved fuel system performance
Contract Value: \$11,812.10

Project 3

Client: Santee Cooper
Location: Pineville, SC
Scope: Fuel cleaning and conditioning services with emphasis on maintaining fuel integrity and system reliability
Contract Value: \$16,707.22



Industry Codes

NAICS Codes:

424710 – Petroleum Bulk Stations and Terminals
333914 – Measuring, Dispensing, and Pumping Equipment Manufacturing
334513 – Instruments for Measuring and Controlling Industrial Process Variables
541620 – Environmental Consulting Services
561210 – Facilities Support Services

PSC Codes:

2910 – Engine Fuel System Components
4320 – Power and Hand Pumps
4330 – Filters and Separators
6625 – Measuring Instruments
6680 – Flow Measuring Instruments
H191 – Quality Control (Fuels)
H391 – Inspection (Fuels)
J091 – Maintenance/Repair of Fuel Systems
N091 – Installation of Fuel Equipment
Z1MF / Z2MF – Petroleum Facility Maintenance

Contact Information

Government Business Point of Contact (POC):
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