

MISSION CRITICAL FUEL OIL EQUIPMENT

A COMPLETE SYSTEM APPROACH

..... PUMP SETS

..... DAY TANKS

..... FILTRATION SYSTEMS

..... CONTROLS

..... FUEL OIL ACCESSORIES



SYSTEMS CUSTOMIZED TO YOUR NEEDS

Critical Fuel Systems is your complete solution provider for everything fuel oil. If your facility has a generator, boiler or both, we can provide a custom engineered system tailored to your specifications. Our product line includes pump sets for fuel transfer, day tanks for local storage, fuel filtration and maintenance systems, along with fuel oil specialty accessories to meet your needs. Our UL panel shop can design a control system for each piece of equipment; from basic motor controls to complex PLC based control systems with HMI touchscreens, building automation communications in any protocol and more!

For your next mission critical fuel oil application let us know how we can help, it's our mission!

FILTRATION

- Sizes from 200 to 1200 GPH Standard, Larger Sizes Available
- Water Separation with Optional Holding Tank
- Selection of Final Filter Micron Rating
- Optional Chemical Additive Pump with Storage
- Controls for Unattended Operation
- Indoor or Outdoor Installations

PUMP SETS

- Skid or Enclosure Designs
- Pump Rates from 90 to 3000+ GPH
- Available Design Pressures of 50, 100, 150 PSI, and Up
- Simplex or Duplex Strainer to Protect the Pumps
- Numerous Options and Custom Configurations

DAY TANKS

- UL 142 in Sizes from 100 to 600+ Gallons
- Double Wall or Open Top Rupture Basin
- Complete Level and Leak Instrumentation
- Return Pump Options
- Integrated or Separate Fill Manifolds
- Custom Configurations to Fit Your Space Requirements

GENERATORS

BOILERS

FILL BOX

- In-Wall or On-Wall Configurations
- Stainless Steel or Carbon Steel Construction
- Heavy Door with Lock
- Optional Pump Filling
- Multi Tank Filling Available
- Optional Alarm Light/Horn with Digital Display

CONTROL PANELS

- UL 508A Certified
- Optional Touch Screen Interface
- Optional Redundant Power Feeds
- PLC Control with Redundancy
- Communication Between Control Panels
- Communication to Building Automation Systems

MAIN TANK

DESIGN
ENGINEERING
SUPPORT

919.575.6711
criticalfuelsystems.com

FLOW/TANK
SIZING

SYSTEM LAYOUT

SPECIFICATIONS

FUEL OIL SPECIALTY DEVICES:

FOOT VALVE



VENTS



**OVERFILL
PREVENTION**



**BACK PRESSURE
VALVE**



FIRE VALVES



FLOW LIMITER



**SIGHT FLOW
INDICATOR**



FLOW SWITCH



bfs-ind.com

BFS Industries was founded in 1946 by John Garbarino and remains a family-owned business today. In addition to the Critical Fuel System division, BFS offers an extensive line of boiler room auxiliary equipment. This includes a full line of deaerators in spray, tray, and packed column types; boiler feed and condensate return systems; and related controls.

**Critical
Fuel Systems**
A division of BFS Industries.



CFS-1-0716

For All Your Mission Critical Fuel Oil Equipment Needs

Critical Fuel Systems • 200 Industrial Drive, Butner, North Carolina 27509-2500 • 919.575.6711 • criticalfuelsystems.com