

SafeSite FOC Simplifies:

The SafeSite FOC Fuel Oil Control & Power Distribution System is a pre-engineered product that integrates power distribution, fuel transfer, tank monitoring and fuel polishing. The SafeSite FOC is delivered with your fuel tank and includes a site schematic drawing showing conduit layout, and specific point-to-point wiring diagrams for each component. This helps to simplify the installation process and minimize on site expenses.



Core Engineered Solutions

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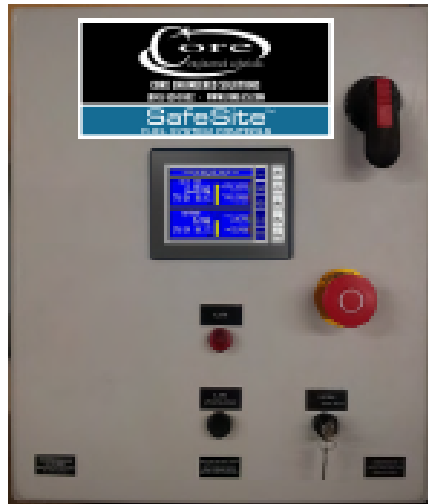
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SafeSite

FUEL SYSTEM CONTROLS

Safesite FOC - Fuel Oil Control & Power Distribution



The Safesite FOC Fuel Oil Control & Power Distribution System is designed for use in applications requiring emergency backup power/boiler.

The Safesite FOC starts as a power distribution panel and then intelligently integrates fuel transfer, switches for control valves, tank gauging & monitoring, main tank fuel recirculation for polishing and filtration. The standard system will service one main tank with duplex pumps and two day/belly tanks with return pumps. The FOC also is used for boiler system controls.

Standard Features & Benefits

- A. Control Panel Specifications
 1. Power input: 230VAC 1 phase with Neutral (others voltages available).
 2. Enclosure: NEMA 4X UL508A listed and meets NEC (NPFA70) and NFPA 30 & 37 requirements. Suitable for class 2, division 2, Groups B, C, D.
 3. Display: 6-inch Micro-Graphic Touch Panel PLC: Micro Analog PLC
 4. Emergency Stop Hand-Off-Auto Switch with Day Tank Selection
- B. Outputs to Building Management System (BMS)
 1. System Summary Alarm (1) Dry Warning (1) Dry
 2. Analog Outputs: 2 channels 4-20 mA or 0-5 VDC Modbus RTU Communications Port
 3. For remote E-stop
- C. Main Storage Tank Monitoring (for 1 Main Storage Tank) Including:
 1. Level Probe Leak LL HL Interstitial Remote Annunciator
- D. The Day / Belly Tank Level Monitoring Including:
 1. Level Probe Interstitial Leak LL HL
- E. Fuel Oil Supply & Return Pump Controls Including:
 1. Standard Motor Starters up to 1.5HP w/ Overload Protection Pump Run Status
 2. Monitors Motor Starters and Overload Protection
 3. Programmable Start/Stop and Alarm Levels.
- F. Filtration/Fuel Recirculation Controls
 1. Monitors Filter DP Water Sensor Kit
 2. Programmable 24/7 Recirculation Filtration/Fuel Polishing

