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UL-508 PLC Controller in NEMA 4,non-metallic enclosure w/ high contrast touchscreen HMI & panel mounted disconnect.
- 2

Powder coated, mild steel square tube frame skid assembly with integral drip tray.
- 3

Pump inlet Y-strainer.
- 4

Rotary vane positive displacement pump with mechanical seal, stainless steel housing,1 hp 208/230 VAC,Single phase,1745 rpm,TEFC enclosure,continuous duty motor.
- 5

14 gallon mild steel fuel storage tank with bolted lid with gasket. Powder coat finish matching skid assembly. Fittings to accommodate sensors, lines and vent.
- 6

Fuel discharge manifold assembly with spring loaded back pressure valve, in line check valve, flow restrictor and float assembly.
- 7

Isolation valve typical of 5, all valves are normally open except for filter bypass valve which is marked as N.C.
- 8

Trap air breather vent cap for moisture control.
- 9

Cross flow plated heat exchanger. Uses main storage tank fuel to cool returning generator fuel.
- 10

Shuttle style flow switch.
- 11

Pressure transducer. Switch closes at 20 PSID.
- 12

High Efficiency, High capacity spin on particulate filter. Includes adapter with bypass at 25 psid and green/yellow/red filter change indicator.
- 13

High Efficiency, High capacity spin on water absorbing filter. Includes adapter with bypass at 25 psid and green/yellow/red filter change indicator.
- 14

Fuel Oil Supply from main/remote fuel storage tank. (FOS)
- 15

Fuel Oil Supply to generator. (FOSG)
- 16

Fuel Oil Return from generator. (FORG)
- 17

Fuel Oil Return to main/remote fuel storage tank. (FOR)
- 18

4-20mAmp Level Transducer.
- 19

Normally Open Leak Switch.

