

DAY TANK CONTROLLER

1. UL508 listed industrial control panel. NEMA4, tank mountable, hinged, lockable and gasketed access door. Finish painted dark gray polyurethane enamel over epoxy primer, white interior
2. PLC based control system.
 - a. MODBUS communication capability
 - b. Day tank differential level control with critical low level and critical high-level integration.
 - c. Communication with Master Panel
 - d. Ultrasonic level transmitter, dual redundant, with waveguides. 4-20mA output
3. Mimic type control panel with one-line schematic overlaid on systematic alarm and switch panel
4. Dual power supply with preferred source relay; normal, fail indicators and alarms.
5. Master alarm audible signal with silence pushbutton
6. Master indicator press-to-test pushbutton
7. Dual level transmitter integration, backup reversion
8. Digital display of tank level
9. LED alarm indicators with common press-to-test pushbutton
10. Remote alarm outputs via MODBUS



MAIN TANK SMARTPUMP

Simplex SmartPump for use in filling of one or multiple remote bulk storage tanks:

1. 3-inch quick disconnect coupling with check valve and isolation/shutoff valve
2. 3-inch pipe thread fitting for connection of fill line
3. Weatherproof and lockable steel enclosure with leak/spill containment basin and basin hand pump. Painted white. Suitable for pad mounting.
4. Controller with PLC based and MODBUS compatible control for monitoring, high level detection and control of fill valve of each remote bulk supply tank
5. Digital level indicator
6. Level transmitters for field/contractor instal
7. Fill valve, 3-inch, motorized ball valve for field/contractor installation
8. 300 GPM transfer pump, including check valve and shutoff valve

