

Startup Inspection Form - C13273 rev O

Reference Clarke Fire Inspection Procedures document C139459. Clarke Startup submission policy requires information to be submitted through the online form. ([https://clarkefire.com/home/service/startup-information/start-up-inspection-\(s.u.i.\)-checklist](https://clarkefire.com/home/service/startup-information/start-up-inspection-(s.u.i.)-checklist))

Facility Identification	
Facility Name	
Facility Address	
Site Contact	
Phone Number	

Engine Identification	
Engine Model	
MFG S/N	
ESN	
Speed (RPM)	

Pump Identification			
Pump Manufacturer		Pump Model	
Pump Serial Number		Pump Speed	
Pump Pressure (PSI)		Pump Rating (GPM)	

Pump Controller Identification	
Controller Manufacturer	
Controller Model	
Controller Serial Number	

Unit Mounted
<input type="checkbox"/> Mounting Hardware <input type="checkbox"/> Base Grouted <input type="checkbox"/> Properly Protected

Fuel System Inspection
<input type="checkbox"/> Flexible Fuel Connectors <input type="checkbox"/> Supply Connection <input type="checkbox"/> Return Line Check Valve Direction <input type="checkbox"/> Fuel Tank

Electrical System Inspection
<input type="checkbox"/> Controller Wired <input type="checkbox"/> Engine Harness Check <input type="checkbox"/> Batteries Serviced <input type="checkbox"/> Engine Jacket Water Heater

Cooling System Inspection
<input type="checkbox"/> Cooling System Connections <input type="checkbox"/> Draincocks Closed <input type="checkbox"/> Cooling Loop Solenoid <input type="checkbox"/> Coolant Level <input type="checkbox"/> Clean Y-Strainers <input type="checkbox"/> Radiator Requirements (if applicable)

Exhaust System Inspection
<input type="checkbox"/> Exhaust Sized Properly <input type="checkbox"/> Exhaust Support <input type="checkbox"/> Exhaust Engine Connection <input type="checkbox"/> Rain Protection

Service Driveshaft or Coupling
<input type="checkbox"/> Retorque Connections <input type="checkbox"/> Lubricate Driveshaft <input type="checkbox"/> Alignment Check

Air Supply Inspection
<input type="checkbox"/> Air Filter Installed <input type="checkbox"/> Adequate Air Supply

PLD System Inspection
<input type="checkbox"/> Discharge Sensing Line <input type="checkbox"/> Suction Sensing Line <input type="checkbox"/> Sensing Line Bleeding

Oil System Inspection
<input type="checkbox"/> Check Oil Level

Operation at Engine

- | | |
|---|--|
| <input type="checkbox"/> Initial Starting Procedure (Soft Start / Idle) | <input type="checkbox"/> Cooling Loop Raw Water Solenoid |
| <input type="checkbox"/> Manual Start | <input type="checkbox"/> Raw Water Discharge |
| | <input type="checkbox"/> Engine Gauges |
| | <input type="checkbox"/> Check for Leaks |

Operation at Pump Controller

- Manual Start at Pump Controller
 Automatic Start at Pump Controller

Engine Full Load Inspection	
Engine RPM at Full Load	
Engine Oil Pressure at Full Load	
Engine Coolant Temperature at Full Load	
Engine Damper Temperature at Full Load	

Alarm Verifications

- | | | | |
|---|--|---|--|
| <input type="checkbox"/> Low Engine Coolant Temp. | <input type="checkbox"/> High Engine Coolant Temp. | <input type="checkbox"/> Low Oil Pressure | <input type="checkbox"/> Over Speed Shutdown |
| <input type="checkbox"/> Low Raw Water Flow | <input type="checkbox"/> High Raw Water Temp | <input type="checkbox"/> Alternate ECM | <input type="checkbox"/> ECM Warning & Failure |

Final Checks

- Clean Y-Strainer
 Cooling Loop Manual Valves
 Engine Mode Selector Switch in Auto

Annotations	
Final Hour Meter Reading	
Work Performed by:	
Comments:	
Pump Dealer:	
Service Dealer:	