

Maintenance Schedule Checklist - C137684 rev E

Reference Clarke Fire Inspection Procedures document C139459. Clarke does not require the maintenance form to be submitted. This document is for record keeping purposes. <https://clarkefire.com/home/service/installation-guides/maintenance>

Facility Identification	
Facility Name	
Facility Address	
Maintenance Date	
Work Performed by	

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

Work Performed:	<input type="checkbox"/> Weekly	<input type="checkbox"/> 6-Month	<input type="checkbox"/> 1-Year	<input type="checkbox"/> 2-Year	<input type="checkbox"/> Other:
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Weekly Maintenance:

Weekly Static Checks
Pump House Conditions: <input type="checkbox"/> Ambient Air Temperature <input type="checkbox"/> Ai Louvers <input type="checkbox"/> Floor Drain <input type="checkbox"/> Guard, Driveshaft
Diesel Engine System Conditions: <input type="checkbox"/> Engine Instrument Panel <input type="checkbox"/> Batteries, Engine <input type="checkbox"/> Oil System <input type="checkbox"/> Coolant System <input type="checkbox"/> Fuel System <input type="checkbox"/> Raw Water <input type="checkbox"/> Air

Weekly Running Checks
<input type="checkbox"/> Weekly No-Flow Test
Running Checks: <input type="checkbox"/> Engine Starting • Time for engine to Crank • Time for engine to Start <input type="checkbox"/> Engine Operating Parameters • Oil Pressure • Speed Indicator • Coolant Temperature • Oil Temperature <input type="checkbox"/> Running Checks • Temperature of raw water discharge • Raw Water Solenoid Operation • Heat Exchanger Flow • General Inspection • Abnormalities

6-Month Maintenance:

6-Month Maintenance
<input type="checkbox"/> Belts • Condition • Alignment • Tension
<input type="checkbox"/> Driveshaft or Coupling • U-Joints • Set-screws
<input type="checkbox"/> Fuel Lines • Flexible fuel connectors • Fuel Lines

1-Year Maintenance:

1-Year Static Checks
<input type="checkbox"/> Pump Room Conditions • Heating, Ventilation, Illumination <input type="checkbox"/> Engine Inspection • Mounting Isolators • Wiring System • Battery Inspection • Flexible Hoses • Exhaust System • Fuel Tank Water Test • Fuel Tank

Air System
<input type="checkbox"/> Clean or replace Air Filter <input type="checkbox"/> Measure Backpressure on Turbo

Fuel System
<input type="checkbox"/> Fuel Filters. Replace <input type="checkbox"/> Clean Fuel Lift Pump Strainer (DP & DQ only). <input type="checkbox"/> Fuel Test

Coolant System
<input type="checkbox"/> Coolant. Replace. • Cool-Gard II (TY26575) <input type="checkbox"/> Heat Exchanger Anode

Oil System
<input type="checkbox"/> Oil. Replace <input type="checkbox"/> Oil Filters. Replace

Driveshaft
<input type="checkbox"/> Engine and Pump Alignment <input type="checkbox"/> Lubricate

Engine Instrument Panel
<input type="checkbox"/> Simulate Alarm Conditions <input type="checkbox"/> Test Alternate ECM and sensors.

Annual Flow Test
<input type="checkbox"/> Annual Flow Test

2-Year Maintenance:

2-Year Maintenance
<input type="checkbox"/> Air Filter. Replace. <input type="checkbox"/> Coolant Hoses. Replace. <input type="checkbox"/> Thermostat, Engine. Replace. <input type="checkbox"/> Water Pump Impellor. Check. (JU4 & JU6) <input type="checkbox"/> Belts. Replace <input type="checkbox"/> Batteries. Replace.

5-Year Maintenance:

5-Year Maintenance
<input type="checkbox"/> Torsional Coupling. Replace.

As-Needed Maintenance:

As-Needed Maintenance
<input type="checkbox"/> NSR Heat Exchanger. Clean. <input type="checkbox"/> Radiator. Clean.

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