



DIESEL FIRE PUMP SYSTEM FULL SERVICE PREVENTATIVE MAINTENANCE

Coverage: Coverage includes one scheduled inspection on the above equipment which is recommended once per year. Each visit includes labor for one technician, fluids, and filters. All other parts and applicable sales tax are **excluded**. Any additional work beyond the contracted six hours of labor will be billed at our standard Time & Material rate. System must be called out by site personnel before any work can begin.

This service will renew automatically unless cancelled by the Customer or STH within 30 days of renewal date.

Pressure Maintenance Jockey Pump:

- * Check performance of pump.
- * Check and record amperage draw.
- * Test pump pressure.
- * Check and adjust proper "on-off" pressure settings.
- * Record pressure settings.
- * Check for leaks in the mechanical seals.
- * Check motor bearings and lubricate as necessary.
- * Confirm check-valve(s) are holding properly.

Fire Pump:

- * Test pump suction and discharge pressures in "churn" conditions.
- * Check and adjust proper "on-off" pressure settings.
- * Record pressure settings.
- * Check pump/motor coupling and alignment.
- * Check pump/motor mounting and bolts.
- * Check and adjust packings.
- * Check drip cups.
- * Check bearing temperatures and lubricate as necessary.
- * Check and adjust relief valves.
- * Check minimum run timer settings.

Controller(s):

- * Operational check of automatic start and manual start.
- * Check operation of alarms.
- * Check all electrical connections.
- * Check all status lighting.
- * Check mechanical condition of emergency run handle, locks, and switches.



- Diesel Engines:**
- * Check fuel tank and supply lines.
 - * Change antifreeze (every two years).
 - * Change oil and filter.
 - * Check battery condition and electrolyte level.
 - * Check engine mounting for condition and security.
 - * Check exhaust system for condition.
 - * Check engine for:
 - Correct operating speed.
 - Operating temperature.
 - Correct oil pressure.

System Connections:

- * Verify that ALL suction valves are properly set.
- * Check piping connections and general condition.
- * Check all wiring for condition and tight connections.

Battery replacement is factory recommended every two years. STH can provide you with a separate quote to include battery replacement.