



VFD BOOSTER PUMP SYSTEM 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. All parts and applicable sales tax are **excluded**. Any additional work beyond the contracted four hours of labor will be billed at our standard Time & Material rate. If the system has not been serviced for one year or longer then potential parts costs could be approximately \$1500.

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

STH to perform the following during this service:

- * Condition of system.
- * Check status lighting and all gauges.
- * Tighten all electrical connections in control panel.
- * Confirm motor rotations are correct.
- * Record & confirm original design point.
- * Record & confirm system set point.
- * Check and record suction pressure.
- * Check lead pump is on.
- * Test high system switch and alarm.
- * Test low system switch and alarm.
- * Test lag pump switch and alarm.
- * Test low suction switch and alarm.
- * Verify minimum run timer.
- * Review Alarm History Log (if recorded) and note frequent or reoccurring alarms.
- * Check hydro-tank operations if applicable.
- * Open, inspect, and clean PRV(s), check valves, piping, fittings, and strainers & adjust.
- * Note any faulty pump isolation valves.
- * Test Temperature relief valves (if available) for operation.
- * Check motor bearings and lubricate as necessary.
- * Take pictures of the entire system and piping to ceiling or wall of the pump room.
- * Confirm backflow preventer has been inspected.
- * Take pictures of all items that are not normal.
- * Additional notes on system documented on the service ticket.