



"Quality Service for Quality Equipment"

PM Check List

Service visit A

- ✓ Inspect filter elements. Replace if necessary*
- ✓ Inspect and clean ozone reactor cell exterior and heat transfer surfaces
- ✓ Inspect and clean ozone reactor cell cooling fan
- ✓ Inspect and clean fan intake screen
- ✓ Inspect and clean power supply cooling fan
- ✓ Inspect open power supply circuit board for hot spots
- ✓ Clean power supply heat transfer surfaces
- ✓ Verify controller voltage output and calibrate if required
- ✓ Measure main incoming AC voltage
- ✓ Verify proper control range (manual control)
- ✓ Verify proper control range and auto-tune function of optional PID equipment*
- ✓ Basic process evaluation. Start/stop cycle. Injector suction cycle
- ✓ Inspect ozone system for water leaks
- ✓ Clean cabinet fan screen
- ✓ Measure ozone output (grams per hour)
- ✓ Measure injector suction capacity
- ✓ Clean water-traps and/or auto-drains
- ✓ Measure oxygen concentration percentage (if equipped with onboard oxygen concentrator)
- ✓ Inspect ozone monitors (if equipped). Replace membranes and electrolyte*. Zero and calibrate*
- ✓ Inspect primary and secondary injection check valve (if equipped)
- ✓ Inspect all wire termination points for hot spots

Service visit B

- ✓ All items included in Service visit A
- ✓ Clean machine interior and exterior surfaces
- ✓ Inspect equipment with ozone leak detector
- ✓ Inspect pump for proper operation*
- ✓ Replace power supply cooling fan, as required – MTBF is 20,000 hours
- ✓ Replace ozone reactor cell cooling fan, as required – MTBF is 20,000 hours
- ✓ Inspect solenoid valve for complete closure (if equipped)
- ✓ Inspect wire harness routing & security; confirm away from high voltage
- ✓ Replace filter elements*
- ✓ Evaluate ozone destruct performance (if equipped)
- ✓ Rebuild compressor (internal compressors only) – MTBF is 15,000 hours
- ✓ Measure compressor pressure and flow rate (internal compressors only)*
- ✓ Replace Injector check valves (primary and secondary)
- ✓ Inspect Isolation Valve

**Excludes equipment not supplied by Pacific Ozone*