

**ATTACHMENT 3
PREVENTIVE MAINTENANCE CHECKLIST
EMERGENCY STANDBY GENERATORS/SWITCHES/CONTROLS**

Agency Representative: _____
(Print Name) (Signature)

Location: _____ Time: _____ Date: _____

Hour Meter: _____

Unit Mfg. _____ Model: _____ S/N: _____

Engine Mfg: _____ Model: _____ S/N: _____

Gen. Mfg. _____ Model: _____ S/N: _____

SECTION A – COOLING SYSTEM

SAT. UNSAT.

(check one)

- | | | |
|--|--------------------------|--------------------------|
| 1. Engine coolant level | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Radiator core/heat exchanger | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Coolant lines/connections/hoses & connections | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Water jacket heater(s) | <input type="checkbox"/> | <input type="checkbox"/> |

Note: Contractor is responsible for replenishing of necessary fluids where there is an unsatisfactory rating.

SECTION B – D.C. ELECTRICAL SYSTEM

SAT. UNSAT.

(check one)

- | | | |
|--|--------------------------|--------------------------|
| 1. Battery(s) electrolyte level/specific gravity | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Battery compartment/heater cooperation | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Battery connections/cables/casing | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Shutdown mechanisms | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Electrical starter/alternator generator | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Electrical system, accessories & components | <input type="checkbox"/> | <input type="checkbox"/> |

Note: Contractor is responsible for indicator lights, indicator lamps, gauges, switches, relays, contactors, solenoids, coils, voltage regulators, sensors, fuses, pressure sensing switches, transformers, power supplies, battery cables and connections.

SECTION C – A.C. ELECTRICAL SYSTEM

SAT. UNSAT.

(check one)

- | | | |
|---|--------------------------|--------------------------|
| 1. A.C. wiring | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Battery charger | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Control panel/switchgear | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. A.C. generator voltage regulator | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Electrical system accessories & components | <input type="checkbox"/> | <input type="checkbox"/> |

Note: Contractor is responsible for the same components listed under Section B-D.C. Electrical System.

**APPENDIX 1
PREVENTIVE MAINTENANCE CHECKLIST
EMERGENCY STANDBY GENERATORS/SWITCHES/CONTROLS**

SECTION D – AIR INDUCTION & EXHAUST SYSTEM

SAT. UNSAT.
(check one)

- | | | |
|--|--------------------------|--------------------------|
| 1. Air cleaner units/oil bath and dry type | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Air induction piping and connections | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Turbocharger/blower | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Exhaust manifold/piping/connections | <input type="checkbox"/> | <input type="checkbox"/> |

Note: Contractor is responsible for replacing air cleaners, all types.

SECTION E – POWER UNIT

SAT. UNSAT.
(check one)

- | | | |
|-------------------------------------|--------------------------|--------------------------|
| 1. Generator structure | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Clutch assembly (power take off) | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Coupling(s) | <input type="checkbox"/> | <input type="checkbox"/> |

SECTION F – LUBRICATION SYSTEM

SAT. UNSAT.
(check one)

- | | | |
|--|--------------------------|--------------------------|
| 1. Engine oil level | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Engine oil change | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Engine oil filter change | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Engine oil sample for analysis | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Crankcase pressure | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Crankcase breather | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. Oil leaks (hoses, connectors) | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. Engine governor oil level/linkage (UG8) | <input type="checkbox"/> | <input type="checkbox"/> |
| 9. Fan drive bearings | <input type="checkbox"/> | <input type="checkbox"/> |
| 10. Generator bearings | <input type="checkbox"/> | <input type="checkbox"/> |
| 11. Engine starter oiler (air type only) | <input type="checkbox"/> | <input type="checkbox"/> |
| 12. Gauges and safety mechanism | <input type="checkbox"/> | <input type="checkbox"/> |
| 13. Accessory drives | <input type="checkbox"/> | <input type="checkbox"/> |

Note: Contractor is responsible for replacing any and all engine oil, lubricant, filters and/or belts.

SECTION G – FUEL SYSTEM

SAT. UNSAT.
(check one)

- | | | |
|--|--------------------------|--------------------------|
| 1. Fuel tank/day tank | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. Fuel filters-primary/secondary | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. Fuel system components/hoses/piping | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Gauges and Safety mechanism | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. Condensation/water in fuel | <input type="checkbox"/> | <input type="checkbox"/> |

Note: Contractor is responsible for replacing all fuel filters (primary and secondary)

REMARKS:

Technician: _____