



Major PM Scheduled Maintenance

1. **Engine Lubrication System** - A complete check of the engine lubrication system. Change engine oil fluid and filter.
2. **Cooling System** – Check of the complete cooling system. Change coolant filters when applicable. Additive levels checked and maintained in Diesel engines.
3. **Fuel System** – Complete fuel system check with fuel filter replacement.
4. **Starting System** – Complete check of starting system including engine battery, starter, cables, and charger outputs.
5. **Air System** – Complete check of air intake and exhaust system including associated louvers. Air cleaner inspected, cleaned/changed as per manufacturer specifications.
6. **Exhaust System** – Complete exhaust and muffler system check for leaks and proper operation.
7. **Auxiliary Engine Components** – Check all engine systems such as turbochargers, governors, and heaters.
8. **Generator Components & Operation** – Complete check of all generator components for proper operation including controls, circuit breakers, as well brushes, voltage regulation, slip rings, etc. Check all control panel operations and shutdown systems. Load test system during annual visit when applicable.
9. **Automatic Transfer Switch (ATS)** – Complete check of the automatic transfer switch in terms of connections, sequencing, timing, charging, exercising, and positive start/stop.
10. **Disposal** – Proper disposal of all waste products used during the SM service in accordance with EPA/DEP guidelines.
11. **SM Checklist** – Provide completed written checklist for services performed and recommended.