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## Report-Annual Preventive Maintenance for Generator

**Report - Annual Preventive Maintenance for Generator on 24<sup>th</sup> August 2024**

GTR Supply Limited Partnership, the outsourced service provider, conducted preventive maintenance for the generator on August 24, 2024, as detailed below.

**1. LF9009 Oil Filter:**

- Purpose: The oil filter removes contaminants and impurities from the engine oil. Regularly changing the oil filter ensures that the engine oil remains clean and effective in lubricating the engine components.
- Maintenance Task: Replace the LF9009 oil filter annually. This helps maintain optimal engine performance and longevity.

**2. FS1000 Fuel / Water Separator:**

- Purpose: This component filters out water and impurities from the fuel before it reaches the engine. Water in the fuel can cause poor performance and damage to the engine.
- Maintenance Task: Replace FS1000 separator annually to prevent fuel contamination and ensure smooth engine operation.



**3. AF-928M Air Filter Primary:**

- Purpose: The air filter prevents dust, debris, and other particles from entering the engine's intake system. A clean air filter is crucial for efficient combustion and engine performance.
- Maintenance Task: Replace the AF-928M air filter annually. A clogged air filter can reduce engine efficiency and increase fuel consumption.

**4. DCA65L 1.89L (Fleetguard) Liquid Supplemental Coolant Additive:**

- Purpose: This additive helps to maintain the proper pH balance in the engine coolant, preventing corrosion and scaling within the cooling system. It also enhances the coolant's performance.
- Maintenance Task: Add the recommended amount of DCA65L liquid supplemental coolant additive to the cooling system annually to ensure effective cooling and protection.

**5. CI4 Diesel Engine Oil 15W-40 20 L:**

- Purpose: Diesel engine oil lubricates the engine's moving parts, reduces friction, and helps to cool the engine. It also cleans and protects the engine from wear and tear.
- Maintenance Task: Change the CI4 diesel engine oil annually. Using the correct grade (15W-40) ensures optimal engine performance in various temperatures.





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Summary of Annual Maintenance Steps:

1. Replace the LF9009 oil filter.
2. Replace the FS1000 fuel/water separator.
3. Replace the AF-928M air filter.
4. Add DCA65L coolant additive to the cooling system.
5. Change the engine oil (CI4 15W-40)

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