

Address:
1321 CR 47
Angleton, TX 77515



Contact:
Matt Davenport
(979) 583-7010

Maintenance Report

Date of Service: 12/13/2023
Customer: Mr. Reggie Orchid
Address: 45 Sullivans Landing
Missouri City, TX 77459
Generator: Kohler 38kW Liquid-Cooled / SN SGM32HHN7
Transfer Switch: Kohler 200 Amp Switch / SN SGM32JK4R
Hours at Arrival: 209.1 hours
Hours at Departure: 209.5 hours
Propane Tank Level: Natural Gas

Service Items:

- | | |
|---|---|
| <input type="checkbox"/> Check engine oil level | <input checked="" type="checkbox"/> Check spark plugs |
| <input checked="" type="checkbox"/> Replace engine oil and oil filter | <input type="checkbox"/> Replace spark plugs |
| <input checked="" type="checkbox"/> Check air filter | <input checked="" type="checkbox"/> Check battery condition and clean terminals |
| <input type="checkbox"/> Replace air filter | <input checked="" type="checkbox"/> Apply battery terminal grease/protectant |
| <input checked="" type="checkbox"/> Check engine coolant level | <input checked="" type="checkbox"/> Check charging rate of battery charger |
| <input type="checkbox"/> Replace engine coolant | <input checked="" type="checkbox"/> Check fuel & oil system for leaks |
| <input checked="" type="checkbox"/> Check generator frequency output | <input checked="" type="checkbox"/> Clean generator enclosure |
| <input checked="" type="checkbox"/> Check generator voltage output | <input checked="" type="checkbox"/> Inspect transfer switch connections |
| <input type="checkbox"/> Check/adjust valve clearance | <input checked="" type="checkbox"/> Inspect/clean enclosure louvers |
| <input type="checkbox"/> Simulate power failure to check transfer to generator power and retransfer for utility power | |

Notes:

- Upon arrival and inspection, generator in 'Auto' ready to respond to power outage.
 - o Per controller history, last weekly test cycle was 12/10/2023 @ 6:00 PM.
 - o Per controller history, last power outage was 11/23/2023 @ 12:25 PM for (1) minute.
- Checked air filter and spark plugs condition – good.
- Checked engine coolant level and condition – good.
- Replaced starting battery due to age and condition – Group 26R.
- Ran generator manually for (10) minutes with no load before oil change:
 - o Checked starting battery = 13.3 VDC static / 11.1 VDC cranking / December 2023
 - o Checked generator output = 241 VAC / 60 Hz.
- Replaced engine oil and oil filter. Engine filled with 5W-30 synthetic oil.
- Ran generator manually for an additional (10) minutes with no load. Confirmed oil fill level.
- No full function test performed this visit.
- Generator left in 'Auto'.

Maintenance Performed By: Chase Baker