

- 4. Batteries electrolyte levels - check. Service batteries with distilled water only.
- 5. Engine air pre-cleaner - inspect. Clean as required.
- 6. Generator - inspect readily accessible areas for overall condition. OK Not OK
- 7. Jacket water heater - check. OK Not OK
- 8. Space heater - test. OK Not OK
- 9. Electrical: Verify all readily accessible connections, wiring, and conduit is secure and not damaged.
Note: Be especially observant where wires or wire bundles cross or contact metal structures or come in close contact to moving parts. Wiring can chafe if not properly routed / secured causing electrical fires or an arc flash. OK Not OK
- 10. Walk around inspection. OK Not OK

510

>>> Weekly Standby Genset Run

Updated 9/28/17

- 1. Check engine oil and coolant level.
- 2. Visual walk around inspection.
- 3. Run Generator 15 - 20 minutes.

CM-SOP-211

>>> CM-PM DIESEL STBY GEN ENGINE WEEKLY PMI

Valdosta Water Treatment Plant Preventive Maintenance
Caterpillar 3516 Standby Genset
Weekly PM Checklist

Work Order: _____ Technician: _____ Date: _____

Genset: 1 2 (circle one) Serial #: _____

Instructions: If no problems noted, annotate OK check box. If problems encountered, annotate Not OK check box. Document problems and initiate new task in CMMS.

WEEKLY

- 1. Check for alarms. OK Not OK
- 2. Verify system is online and only one generator is set to standby mode. OK Not OK
- 3. Verify engine jacket water heater is functioning (engine block warm to touch with engine off).
OK Not OK
- 4. Inspect generator system for obvious system component leaks: fuel, oil, and coolant (inside building).
OK Not OK
- 5. Day Tank: Inspect day tank next generator for leaks. OK Not OK
- 6. External Fuel Storage Tanks: Inspect water separators/filters for contamination, security. Verify no leaks.