



### Preventive Maintenance Checklist

Date of Inspection: 3/5/2026  
Service Call: 25-66847

Madison County Board of Supervisors \_ MS Site: Madison  
County EMA  
1633 W Peace St  
Canton, MS, 39046-9041

Type of Inspection: Major PM

Equipment	Manufacturer	Model Number	Serial Number	Spec Number
Engine	TAYLOR	TMC140	24001	
	PERKINS DIESEL	PJ38420	U029332U	
		Unit KW: 140	Unit start hrs: 271.8	End hours 272.0

<u>FUEL SYSTEM CHECKS:</u>		<u>COOLANT SYS CHECKS: CONT.</u>		<u>ENGINE ELECTRICAL SYSTEMS:</u>	
Change fuel filter elements	Yes	Operating temperature (F)	165	Batt. charger output (VDC)	13.6
Check for water in main tank	N/A	Non-contact cool temp	N/A	Batt. Percent of CCA	
Check for water in day tank	N/A	<u>EXHAUST SYSTEM CHECKS:</u>		Spark plugs	N/A
Take fuel sample	N/A	Overall exhaust condition	Good	Distributor cap/rotor	N/A
Drain fuel/water separator	N/A	Cond of turbocharger	N/A	<u>GENERATOR CHECKS:</u>	
Check level in main tank	75%	Exhaust leaks	Good	Vacuum debris	Good
Operation of day tank	N/A	Cond. of exh. rain shield	Good	Alternator bearing cond.	Good
Gaseous fuel pressure	N/A	Check for wet stacking	Good	Circuit breaker operation	Good
<u>LUBRICATING SYSTEM CHECKS:</u>		<u>CONTROL SYSTEM CHECKS:</u>		Cond of AC and DC	Good
Change engine oil	Yes	Gauges and Meters	Good	Alternator non-cont temp	Good
Change engine oil filter	Yes	Control cabinet clean	Good	<u>TRANSFER SWITCH CHECKS:</u>	
Change governor oil	N/A	Operation of all controls	Good	ATS free of debris	Good
Engine oil pressure (PSI)	70	Shutdown systems check	Good	ATS indicator lamps	Good
Engine oil level	Full	Indicator/panel lamps	Good	Perform transfer test	N/A
Oil Analysis	N/A	Frequency (Hz)	60.00	Visually inspect linkages	Good
<u>COOLING SYSTEM CHECKS:</u>		AC voltage L-L	208.00	ATS non-contact temp	Good
Check louvers	Good	<u>AIR INTAKE CHECKS:</u>		<u>GENERAL CHECKS:</u>	
Adequate fresh air to equip.	Good	Air inlet restriction	Good	Excessive vibration	Good
Radiator Core	Good	Check breather tube	Good	Fuel leaks	Good
Radiator Cap	Good	Air system piping	Good	Oil leaks	Good
Coolant Level	Good	Air cleaner condition	Good	Coolant leaks	Good
Coolant freeze point (F)	-34	<u>ENGINE ELECTRICAL SYSTEMS:</u>		Annunciator operation	N/A
Change coolant filter	N/A	Condition of batteries		Run unit to operating temp.	Yes
Coolant nitrite level (PPM)	N/A	Battery Date	12/1/2020	Controller in auto. mode	Yes
Condition of belts	Good	Clean batteries & cables	Good	All breakers reset & closed	Yes
Condition of hoses	Good	Batt. Conductance Result	Good	Additional work needed	
Check block heater	Good	Battery electrolyte level	N/A	General condition of unit	Good

Performed major PM on generator. Wiped unit down, changed engine oil, changed oil filter(s), changed fuel filter(s), verified all fluids okay. Ran unit up to operating temperature. Unit performed as expected. Returned unit to auto with all breakers closed.

Oil Removed: gallons

Lee Coleman

Technician

Customer

Birmingham, AL 205-739-2255 Fayetteville, AR 479-445-6669 Little Rock, AR 501-568-3000 Atlanta, GA 770-448-6687 Louisville, KY 502-267-0474 New Orleans, LA 833-777-6937 Shreveport, LA 318-222-9431 Jackson, MS 833-777-6937 St. Louis, MO 615-244-0650

Oklahoma City, OK 833-777-6937 Tulsa, OK 918-960-6000 Charlotte, NC 704-588-1043 Raleigh, NC 919-279-9191 Blountville, TN 423-279-0357 Chattanooga, TN 615-244-0650 Nashville, TN 615-244-0650 Memphis, TN 901-386-4933



### Battery Conductance Testing

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#### Battery Conductance Tests

Battery Number	Rated CCA	Actual CCA	Percentage of CCA	Overall State
1	950	1,111	117	Good
2	N/A	N/A	N/A	N/A
3	N/A	N/A	N/A	N/A
4	N/A	N/A	N/A	N/A
Overall Average Rated CCA:				950
Overall Actual CCA:				1,111
Overall Result:				Good

*At the time of 150*  
 3/26/2026  
 001 265 544



### Site Images

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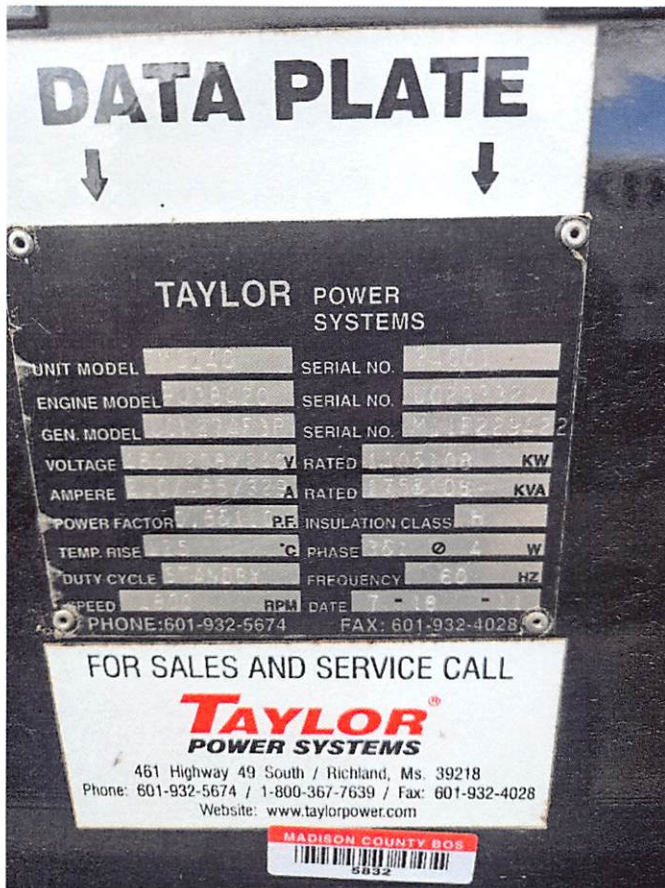
Unit Before Inspection



Unit Post Inspection



Unit Data Tag



Unit Status Upon Departure



Other Images If Applicable

