

CERTIFICATION OF WORK

(To be completed by the Contractor and saved in the Contractor's CMMS)

FACID/Building: PM5171
288

Date of Visit: 6/17/19

Contractor Personnel on Site:

1. Anton Dubovik
2. _____
3. _____
4. _____
5. _____
6. _____

Work Performed:

Preventive Maintenance - Services Completed (Annual, Quarterly, Monthly, equipment identification, etc.)

1. Preventive Maintenance annual full Service
2. _____
3. _____
4. _____

Inspection, Testing, and Certification

1. _____
2. _____
3. _____
4. _____

Other Recurring Services

1. _____
2. _____
3. _____
4. _____

Service Calls – Service Call Number and Description

1. _____
2. _____
3. _____

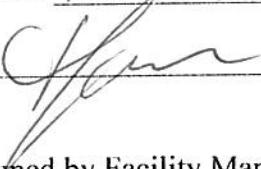
Over and Above Repair Work – Order Number and Description of Work Completed

PM 5171 Annual Preventive Maintenance full Service
Oil and filter change, Inspection

CERTIFICATION OF WORK

To be signed by the Contractor:

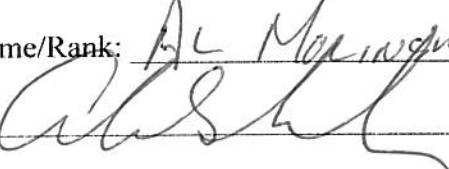
Print Name: Anton Dubovik Date: 6/14/19

Signed: 

To be signed by Facility Manager:

By signing the Certification of Work, the said government representative signature does not constitute acceptance of any work performed by the contractor, it only acknowledges that the contractor was on-site during the identified timeline:

Print Name/Rank: Al Moringi Date: 6/20/19

Signed: 

E-Mail: _____

Customer Name:	CMI		Customer#:	197592	Customer Contact Name:	Bernie Koblinsky	
Site Address:			288 aviation Dr.		Customer Contact Phone#:	(412) 737-4083	
City:	johnstown	State:	pa	Zip Code:	15904	Customer Contact Fax#:	
Customer Site Name:	288 aviation dr.		Unit Name:	288 hotel.	Email Address:		
Generator Make	Generator Model	Generator Spec	KW	Generator Serial Number	Job Date		
onan	dsgaa-7217681	b	125	g080196471	6/14/2019		
Engine Make	Engine Model	Engine Spec	CPL	Engine Serial Number	Hours / Mileage		
cummins	qsb6.7	0100-4023-02	0656	46925105	132.6		
Transfer Switch Make	Transfer Switch Model	Transfer Switch Spec		Transfer Switch Serial Number	AMPS / VAC		
Other Equipment Make	Other Equipment Model	Other Equipment Spec		Other Equipment Serial Number	Hours / Mileage		
Site access notes to be added into BMS:							

OK	NEEDS ATTN	PM Service Type:		Full Service	
(X-NA)					
x		A. BATTERIES AND BATTERY CHARGER			
x		1. Check battery charger functions		Float Volts	Current
x		2. Cable connections, termination cleanliness and security		13.2	0.9
x		3. Check electrolyte level, vent caps of all cells in the starting battery system		Maintenance Free Battery?: yes	
x		4. Battery Conductance Test			
x		4.1 Battery 1	Test CCA: 1846	Battery Rated CCA: 1000	Pass/ Fail: pass
		4.2 Battery 2	Test CCA:	Battery Rated CCA:	Pass/ Fail:
		4.3 Battery 3	Test CCA:	Battery Rated CCA:	Pass/ Fail:
		4.4 Battery 4	Test CCA:	Battery Rated CCA:	Pass/ Fail:
	x		Battery Size: 4d-xhd	Battery Qty: 1	Battery Date: Apr-13
We recommend starting batteries to be changed every 4 years					
B. ENGINE COOLING SYSTEM					
x		1. Inspect all hoses and clamps for leaks, coolant level and condition			
x		2. Inspect radiator cap and filler neck condition			
x		3. Inspect drive belts, observe alignment and deflection			
x		4. Proper coolant heater operation		Jacket water temperature: 126	Deg F
x		5. Coolant properties		Freeze Point: -45	DCA Concentration: 1.9
x		6. Inspect radiator surfaces, shrouds, and barriers for obstruction, build up and mechanical damages		Appearance: Sediment	
na		7. Visually inspect low temperature after cooler coolant		Freeze Point:	Appearance:
x		8. Optional Coolant Sampling		Coolant Drain/Fill Date: ?	
We recommend coolant drain/fill service and coolant hose replacement every 5 years					
C. GENSET CONTROLS AND ACCESSORIES					
x		1. Visually inspect all engine mounted wiring, senders, and devices			
x		2. Visually inspect all control mounted components and wiring			
x		3. Visually inspect all connecting plugs			
x		4. Visually inspect all accessory components and wiring			
x		5. Lamp test all lights and indicators			
D. POWER CONNECTIONS					
x		1. Visually inspect breaker and power connections			
x		2. Manually operate generator main breaker(s) open and closed			
x		E. FUEL SYSTEM		Diesel	Fuel Type
x		1. Inspect main tank fuel level		7/8	% Full
na		2. Inspect day tank fuel level			% Full
na		3. Inspect day tank controls and pumps. Test operate day tank controls where available		or	
x		4. Inspect all fuel hose, clamps, pipes, components, and fittings			
x		5. Inspect governor linkage			
x		6. Visually inspect (where practical) rupture/containment basin inspection			
na		7. Water in Fuel Test - Sub-base, day tanks or as noted on agreement			
x		F. INTAKE AND EXHAUST SYSTEMS		Actual Reading	
x		1. Inspect air cleaner element		Actual Reading	
x		2. Inspect intake system			
x		3. Inspect exhaust system and rain cap			
x		4. Inspect louver operations			
x		G. ENGINE AND LUBRICATION SYSTEM			
x		1. Inspect lubrication system (visually check oil level)			
x		2. Inspect crankcase ventilation system			
		3. Inspect spark ignited ignition system			



CUMMINS BRIDGEWAY, LLC
FIELD SERVICE
24 Hour Service
1-800-969-3966

Local Branch Contact Information
024 - Altoona
#N/A
#N/A
#N/A

EQUIPMENT
PLANNED MAINTENANCE
WO REF#: 5171
Location:
024 - Altoona

Technician
A.Dubovik

NEEDS
OK **ATTN**
(X-NA)

x	
x	
x	

H. GENERATOR OPERATIONS

1. Start and observe generator and equipment operations
2. Verify engine and generator safeties as applicable

x	
x	
x	
x	
x	
x	
x	
x	

I. LUBRICATION OIL AND FILTRATION SERVICE (ITEMS ARE COMPLETED DURING A FULL SERVICE)

1. Change lube oil
2. Change lube oil filters, apply date and run hours to filter canister
3. Change fuel filters, apply date and run hours to filter canister
4. Inspect fan, water pump, drives and pulleys
5. Inspect serviceable bearings
6. Post Lube service operation of Genset unloaded
7. Optional - Oil Sample for laboratory analysis (if requested, or required due to technician suspicion)

x	
x	
x	
x	
x	
x	
x	

J. TRANSFER SWITCH/SWITCHGEAR

1. Visually inspect all power and control wiring
2. Visually inspect switch mechanism and enclosure
3. Visually Inspect controls and time delays settings
4. Check function of Exercise Clock

Current Setting: Day Time without Load

x	
na	
x	

K. SYSTEM OPERATIONAL TESTS

1. System test with load, load test permitted by:
2. Genset test without load, load test not permitted by:
3. Record engine and load data.

3.A Oil Pressure:	70 psi	3.B Oil Temperature:	<input type="text"/>	3.C Coolant Temp:	189
3.D Battery Voltage:	26	3.E Engine Speed:	<input type="text"/> 1800	3.F Exhaust Temp:	<input type="text"/>
3.G Coolant Press:	<input type="text"/>	3.H LTA Temp:	<input type="text"/>	3.J Genset Freq/Hz:	60
3.I Genset Voltage :	476	478	473	3.L Load PF:	<input type="text"/>
3.K Current :	0	0	0	3.M Load KW:	<input type="text"/>
3.N Load KVA:	<input type="text"/>	3.O Load KVAR:	<input type="text"/>	3.P Duration of system test:	30 minutes

If any of the above measurements requested are not applicable, please enter N/A

x	
x	
x	
x	
x	
x	
x	
x	

L. SITE PRE-DEPARTURE VERIFICATION

1. All controls and components are left in AUTO/REMOTE
2. All Genset breakers ON/Closed (excepted power operated paralleling breakers)
3. Battery Charger operational/breaker ON
4. Component heaters enabled/breaker ON
5. Site Cleanup
6. Customer has been left a copy of completed PM service report
7. Paperwork completed at the customer's job site at the conclusion of the service event

Technician Notes, Recommendations, Comments of above noted deficiencies

recommend battery replacement at next pm service to ensure reliable operation.

Date: 6/14/2019

The above work has been performed.

Total Miles: 53

Complete:

Customer: X _____ Technician: X _____