

CERTIFICATION OF WORK

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

FACID/Building: PM 519D
200

Date of Visit: 6/13/19

Contractor Personnel on Site:

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

Work Performed:

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

1. Preventive Maintenance 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

Preventive Maintenance full service PM5170

Includes Inspection, Oil and filter change

CERTIFICATION OF WORK

To be signed by the Contractor:

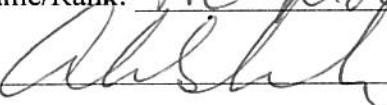
Print Name: Anton Dubovik Date: 6/13/19

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 Mlynsek Date: 6/20/19

Signed: 

E-Mail: _____



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

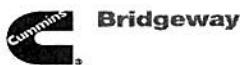
Local Branch Contact Information
024 - Altoona
#N/A
#N/A
#N/A

EQUIPMENT
PLANNED MAINTENANCE
WO REF#: 5170
Location: 024 - Altoona

Technician
A.Dubovik

Customer Name:	CMI		Customer#:	197592	Customer Contact Name:	Bernie Koblinsky
Site Address:	200 aviation dr.				Customer Contact Phone#:	(412) 737-4083
City: johnstown	State: pa	Zip Code: 15904			Customer Contact Fax#:	
Customer Site Name:	200 aviation dr		Unit Name:	200 aviation dr.	Email Address:	
Generator Make onan	Generator Model dsfae-6287171	Generator Spec a	KW 80	Generator Serial Number b080153636		Job Date 6/14/2019
Engine Make cummins	Engine Model qsb4.5	Engine Spec 100-4046-001	CPL 1100	Engine Serial Number 21027049		Hours / Mileage 85.7
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: <input type="checkbox"/> Full Service	
(X-NA)			
x	A. BATTERIES AND BATTERY CHARGER		
x	1. Check battery charger functions		
x	2. Cable connections, termination cleanliness and security		
x	3. Check electrolyte level, vent caps of all cells in the starting battery system		
x	4. Battery Conductance Test		
x	4.1 Battery 1	Test CCA: <input type="text" value="1845"/>	Float Volts <input type="text" value="13.4"/>
	4.2 Battery 2	Test CCA: <input type="text"/>	Current <input type="text" value="0.6"/>
	4.3 Battery 3	Test CCA: <input type="text"/>	Maintenance Free Battery? <input type="checkbox"/> yes
	4.4 Battery 4	Test CCA: <input type="text"/>	Pass/ Fail: <input type="checkbox"/> pass
x		Battery Size: <input type="text" value="c4d"/>	Pass/ Fail: <input type="checkbox"/>
		Battery Qty: <input type="text" value="1"/>	Pass/ Fail: <input type="checkbox"/>
		Battery Date: <input type="text" value="Jan-19"/>	
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: <input type="text" value="126"/>	Deg F <input type="text"/>
x	5. Coolant properties	Freeze Point: <input type="text" value="-40"/>	DCA Concentration: <input type="text" value="1.9"/>
x	6. Inspect radiator surfaces, shrouds, and barriers for obstruction, build up and mechanical damages		
na	7. Visually inspect low temperature after cooler coolant Freeze Point: <input type="text"/>		
x	8. Optional Coolant Sampling Appearance: <input type="text"/>		
x	Coolant Drain/Fill Date: <input type="text" value="Apr-08"/>		
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 <input type="text" value="7/8"/>	Fuel Type <input type="text"/>
x	1. Inspect main tank fuel level % Full <input type="text"/>		
na	2. Inspect day tank fuel level % Full <input type="text"/>		
na	3. Inspect day tank controls and pumps. Test operate day tank controls where available		
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			
x	1. Inspect air cleaner element		
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		
x	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#: 5170
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.D Battery Voltage:	26	3.E Engine Speed:	1800
3.G Coolant Press:		3.H LTA Temp:	
3.I Genset Voltage :	480	480	479
3.K Current :	0	0	0
3.M Load KW:		3.N Load KVA:	<input type="text"/>
3.P Duration of system test:	30	minutes	

3.C Coolant Temp:	189
3.F Exhaust Temp:	
3.H LTA Temp:	
3.J Genset Freq/Hz:	60
3.L Load PF:	
3.O Load KVAR:	

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

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 coolant flush, and radiator cap replacement at next pm service.

Date: 6/14/2019

The above work has been performed.

Total Miles: 2

Complete:

Customer: X _____ Technician: X _____