

# CRITICAL POWER SYSTEMS DIVISION

## GENERATOR INSPECTION SERVICE TICKET



4816 Upshur Street  
Bladensburg, MD 20710  
Phone: 301-403-0045  
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DATE 9/19/12

TICKET# \_\_\_\_\_

JOB NO. 685

### PRE-START CHECKS

**A. LUBRICATION**

1. OIL SAMPLE ANALYSIS TAKEN: No

2. OIL LEVEL: Full CRANKCASE FULL GOVERNOR FULL

3. VISIBLE OIL LEAKS: No

### B. COOLING SYSTEM

1. COOLANT LEVEL: Full PROTECTION LEVEL: Ok

2. RADIATOR CONDITION: Ok

RADIATOR CAP CONDITION: Ok

3. WATER PUMP BEARING: Ok HTR OPERATIONAL: Ok

4. VISIBLE COOLANT LEAKS: No

5. COOLANT HOSES: Ok

### C. AIR INDUCTION & EXHAUST SYSTEMS

1. AIR CLEANER: Ok

2. EXHAUST PIPING CONDITION: Ok

### D. BATTERY SYSTEM

1. BATTERY MODEL:  NICAD  LEAD ACID

2. BATTERIES SERVICED: Yes

3. NOTE EXCESSIVE WATER: Ok CABLES/ENDS: Ok

4. CHARGER OPERATION: Yes

### E. BELTS

1. CHECK PROPER TENSION: Ok

### F. RUNNING CHECKS

1. START TIME: 3sec

2. OIL PRESSURE: 50 H<sub>2</sub>O TEMPERATURE: 181 BATTERY: 24

3. ENGINE NOISE: Normal

4. OTHER LEAKS: None

5. SAFETY SHUTDOWN OPERATION: Ok

6. FUEL LEVEL: DAY TANK: Full MAINTANK:

QTY	SOURCE	DESCRIPTION
1.5 gal		15/40

**BILLING INFORMATION:**  T&M  MAINT PLAN **FOLLOW UP REQUIRED:**  YES  NO

### PLANNED MAINTENANCE INSPECTION

CUSTOMER NAME: 6901 rockledge dr EQUIP HRS:

ADDRESS: 6901 rockledge dr CITY: Rockville ST: Md ZIP:

EQUIPMENT LOCATIONS: P1 parking garage level ACCESSIBILITY: Fair

OIL FILTER NO: 2-85971 FUEL FILTER NO: 1-86118, 1-86120 DIST#:

AIR: 1-VF 160AE COOLANT: DAY TANK: Full

GEN. MODEL: MTU on site energy500rxc6dt2 S/N: 317923-1-1-0210 SPEC NO:

ENGINE MODEL: Detroit60.14L-tier2 S/N: 06r1036060 SPEC NO: Addxl14.0wld

BATTERY CHARGER:  12v  24v BRAND: P/N:

BLOCK HEATER:  DOME  BARRELL VOLT WATT: P/N:

FUEL TANK SIZE: DAY TANK SIZE:

ATS MODEL: S/N: SPEC NO:

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**G. ATS INSPECTION** INSPECT CONTACTOR AND CONTROLS: EXERCISER DAY: TIME: LOAD:

CLEAN CABINET: TEST: ATS INDICATIONS LAMPS:

### H. GENERATOR LOAD TEST:

BUILDING LOAD			LOAD BANK			Hz	kW
TIME	VOLTS	AMPS	TIME	VOLTS	AMPS		
	A	B	C	A	B	C	
	480	480	480				60.00

COMMENTS: Service call- pm inspection. Found unit low on oil. Topped off 1.5 gal. Checked coolant system for oil contamination- none. No visible oil leaks on unit, pulled intake and exhaust piping from turbo. No indication of leaks. Normal play in turbo. Ran unit for 30 minutes. Unit is blowing a small trace of blue smoke. I would recommend a 4 hour load bank test to reseal the piston rings. Also monitor the oil consumption before and after the load test. Left equipment in auto

LOG BOOK UPDATED:	MAINTENANCE INSPECTION PERFORMED BY:	CUSTOMER SIGNATURE: <i>Jon Czelbowski</i>	HOURS: 4	RATE: St
	TEST TRANSFER SWITCH UNDER BUILDING LOAD:	BUILDING LOAD TEST NOT ALLOWED BY CUSTOMER:		
	LENGTH OF RUN:			