

# Patten



**AARON**

**45505001**

## LOAD AND OPERATION TEST

PAGE 1

PATTEN POWER SYSTEMS 24 HOUR CENTRAL DISPATCH EMERGENCY TELEPHONE TOLL FREE:

1 (877) 891-4181 [www.pattenpower.com](http://www.pattenpower.com)

|                   |          |                   |          |
|-------------------|----------|-------------------|----------|
| Customer Name:    | AARON    | Date:             | 12/09/13 |
| Unit Location:    | 0        | Work Order #:     | 0        |
| Unit #:           | 45505001 | Acct. #:          | 0        |
| Manufacturer:     | CU       | Tech #            | 1511     |
| Model #:          | BT5.9-G6 | Hour Meter Start  | 430.0    |
| Serial #:         | 45936967 | Hour Meter Finish | 431.0    |
| Voltage Stability | GOOD     | Package Serial #: | N/A      |
| Rated KW          | 80       |                   |          |

### MULTIPLE READING TEST

| Elapsed Time Hrs. | 0.25  | 0.50  | 0.75  | 1.00  | 1.25 | 1.50 | 1.75 | 2.00 |
|-------------------|-------|-------|-------|-------|------|------|------|------|
| % of Load         | 99.4% | 99.4% | 99.4% | 99.4% | 0.0% | 0.0% | 0.0% | 0.0% |
| KW Meter          | 79.5  | 79.5  | 79.5  | 79.5  | 0.0  | 0.0  | 0.0  | 0.0  |
| Engine Speed      | 1,800 | 1,800 | 1,800 | 1,800 | 0    | 0    | 0    | 0    |
| Power Factor      | 1.00  | 1.00  | 1.00  | 1.00  | 1.00 | 1.00 | 1.00 | 1.00 |
| Voltmeter L1 - L2 | 208   | 208   | 208   | 208   |      |      |      |      |
| Voltmeter L2 - L3 | 208   | 208   | 208   | 208   |      |      |      |      |
| Voltmeter L1 - L3 | 209   | 209   | 209   | 209   |      |      |      |      |
| Ammeter L1        | 220   | 220   | 220   | 220   |      |      |      |      |
| Ammeter L2        | 220   | 220   | 220   | 220   |      |      |      |      |
| Ammeter L3        | 221   | 221   | 221   | 221   |      |      |      |      |
| Frequency Meter   | 60.0  | 60.0  | 60.0  | 60.0  |      |      |      |      |
| Lube Oil Pressure | 76    | 75    | 74    | 74    |      |      |      |      |
| Water Temp        | 174   | 175   | 175   | 175   |      |      |      |      |
| Ambient Room Temp | 25    | 25    | 25    | 25    |      |      |      |      |
| Exhaust Temp      | N/A   | N/A   | N/A   | N/A   |      |      |      |      |
| Oil Temp          | N/A   | N/A   | N/A   | N/A   |      |      |      |      |
| Battery Voltage   | 13.0  | 13.0  | 13.0  | 13.0  |      |      |      |      |
| Fuel Pressure     | N/A   | N/A   | N/A   | N/A   |      |      |      |      |
| Fuel Level        | N/A   | N/A   | N/A   | N/A   |      |      |      |      |
|                   |       |       |       |       |      |      |      |      |
|                   |       |       |       |       |      |      |      |      |
|                   |       |       |       |       |      |      |      |      |

### COMMENTS AND RECOMMENDATIONS

INSTALLED TEST BATTERY UNIT HAS NO BATTERY. UNIT HAS ALT BUT NO BATTERY CHARGER. CHECKED OIL AND COOLANT OK. ADDED FUEL TO DAY TANK TO TEST UNIT. STARTED UNIT FOR WARM UP OK. HOOKED UP LOAD BANK AND STARTED UNIT. LOADED UNIT TO 100%\$ FOR 1 HR. RADIATOR FINS ARE DIRTY AND WILL NEED TO BE CLEANED.

CUSTOMER SIGNATURE:

Date: December 9, 2013

TECHNICIAN SIGNATURE:

Date: December 9, 2013

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| Rated KW          | 80       | 0                 | 0       |

**MULTIPLE READING TEST**

|                   |      |      |      |      |      |      |      |      |
|-------------------|------|------|------|------|------|------|------|------|
| Elapsed Time Hrs. | 2.25 | 2.50 | 2.75 | 3.00 | 3.25 | 3.50 | 3.75 | 4.00 |
| % of Load         | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| KW Meter          | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| Engine Speed      | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Power Factor      |      |      |      |      |      |      |      |      |
| Voltmeter L1 - L2 |      |      |      |      |      |      |      |      |
| Voltmeter L2 - L3 |      |      |      |      |      |      |      |      |
| Voltmeter L1 - L3 |      |      |      |      |      |      |      |      |
| Ammeter L1        |      |      |      |      |      |      |      |      |
| Ammeter L2        |      |      |      |      |      |      |      |      |
| Ammeter L3        |      |      |      |      |      |      |      |      |
| Frequency Meter   |      |      |      |      |      |      |      |      |
| Lube Oil Pressure |      |      |      |      |      |      |      |      |
| Water Temp        |      |      |      |      |      |      |      |      |
| Ambient Room Temp |      |      |      |      |      |      |      |      |
| Exhaust Temp      |      |      |      |      |      |      |      |      |
| Oil Temp          |      |      |      |      |      |      |      |      |
| Battery Voltage   |      |      |      |      |      |      |      |      |
| Fuel Pressure     |      |      |      |      |      |      |      |      |
| Fuel Level        |      |      |      |      |      |      |      |      |
| 0                 |      |      |      |      |      |      |      |      |
| 0                 |      |      |      |      |      |      |      |      |
| 0                 |      |      |      |      |      |      |      |      |

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