

# Patten

**AARON****45304****LOAD AND OPERATION TEST**

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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:             | 10/21/13 |
| Unit Location:    | YARD      | Work Order #:     | 0        |
| Unit #:           | 45304     | Acct. #:          | 0        |
| Manufacturer:     | CU        | Tech #            | 1511     |
| Model #:          | KTA-38-G4 | Hour Meter Start  | 725.0    |
| Serial #:         | 331345637 | Hour Meter Finish | 726.0    |
| Voltage Stability | GOOD      | Package Serial #: | N/A      |
| Rated KW          | 1000      |                   |          |

**MULTIPLE READING TEST**

| Elapsed Time Hrs. | 0.25  | 0.50  | 0.75  | 1.00  | 1.25 | 1.50 | 1.75 | 2.00 |
|-------------------|-------|-------|-------|-------|------|------|------|------|
| % of Load         | 99.8% | 99.7% | 99.7% | 99.7% | 0.0% | 0.0% | 0.0% | 0.0% |
| KW Meter          | 997.7 | 997.1 | 997.1 | 997.1 | 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 | 484   | 484   | 484   | 484   |      |      |      |      |
| Voltmeter L2 - L3 | 485   | 485   | 485   | 485   |      |      |      |      |
| Voltmeter L1 - L3 | 484   | 484   | 484   | 484   |      |      |      |      |
| Ammeter L1        | 1189  | 1189  | 1189  | 1189  |      |      |      |      |
| Ammeter L2        | 1190  | 1190  | 1190  | 1190  |      |      |      |      |
| Ammeter L3        | 1189  | 1187  | 1187  | 1187  |      |      |      |      |
| Frequency Meter   | 60.0  | 60.0  | 60.0  | 60.0  |      |      |      |      |
| Lube Oil Pressure | 79    | 77    | 76    | 76    |      |      |      |      |
| Water Temp        | 181   | 182   | 182   | 182   |      |      |      |      |
| Ambient Room Temp | 45    | 45    | 45    | 45    |      |      |      |      |
| Exhaust Temp      | N/A   | N/A   | N/A   | N/A   |      |      |      |      |
| Oil Temp          | N/A   | N/A   | N/A   | N/A   |      |      |      |      |
| Battery Voltage   | 26.0  | 26.0  | 26.0  | 26.0  |      |      |      |      |
| Fuel Pressure     | N/A   | N/A   | N/A   | N/A   |      |      |      |      |
| Fuel Level        | N/A   | N/A   | N/A   | N/A   |      |      |      |      |
|                   |       |       |       |       |      |      |      |      |
|                   |       |       |       |       |      |      |      |      |
|                   |       |       |       |       |      |      |      |      |

**COMMENTS AND RECOMMENDATIONS**

RADIATOR HAS BEEN REPLACED FILLED WITH COOLANT AND CHECKED OIL. INSTALLED TEST BATTERIES . RAN UNIT FOR 1 HR UNDER 100% LOAD. INSTALLED COVERS ON GEN. REMOVED TEST BATTERIES . FLAGGED UNIT. UNIT HAS NO GAUGES USED AMP CLAMP FOR CURRENT READINGS. USED FULKE FOR VOLTAGE READINGS.

CUSTOMER SIGNATURE:

Date: October 21, 2013

TECHNICIAN SIGNATURE:

Date: October 21, 2013

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| Voltage Stability | GOOD      | Package Serial #: | N/A      |
| Rated KW          | 1000      | 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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