

**CHARLES EQUIPMENT ENERGY SYSTEMS**

**LOAD BANK TESTING**

Customer: Central States Diesel Generators STK#2204  
 Address: 2001 S Prairie Ave.  
 City/ State/ Zip Waukesha, WI 53189  
 Contact: Patrick Paden  
 Phone: 847-997-8090

R#: 4784  
 Test Date 1/24/2018

Engine Make/ Model: Caterpillar C27  
 Engine Spec/ Serial: MJE03797  
 Unit Make/ Model: Caterpillar 800S  
 Unit Spec/ Serial: CAT00C27KGD00357

Voltage: 277/480  
 Amperage: 1203  
 Kilowatts: 800  
 Power Factor 0.8

|                      | 5 Min. | 15 Min. | 30 Min. | 45 Min. | 1 Hour | Cool Down |
|----------------------|--------|---------|---------|---------|--------|-----------|
| Eng Hours            | 359.6  | 359.8   | 360.1   | 360.3   | 360.6  | 360.7     |
| Hertz/Cycles         | 60     | 60      | 60      | 60      | 60     | 60        |
| Voltage PH1          | 481    | 481     | 481     | 481     | 481    | 481       |
| PH2                  | 480    | 480     | 480     | 480     | 480    | 480       |
| PH3                  | 483    | 483     | 482     | 483     | 483    | 483       |
| Amperage PH1         | 0      | 962     | 962     | 962     | 962    | 0         |
| PH2                  | 0      | 961     | 961     | 961     | 962    | 0         |
| PH3                  | 0      | 962     | 962     | 961     | 962    | 0         |
| Kilowatts            | 0      | 801     | 801     | 801     | 801    | 0         |
| Oil Pressure         | 65     | 61      | 60      | 60      | 60     | 63        |
| Oil Temperature      | 180°F  | 180°F   | 180°F   | 180°F   | 180°F  | 180°F     |
| Coolant Temperature  | 180°F  | 180°F   | 180°F   | 180°F   | 180°F  | 180°F     |
| Man Vac./Press. L/B  |        |         |         |         |        |           |
| Man Vac./Press. R/B  |        |         |         |         |        |           |
| L/B Exhaust Temp     |        |         |         |         |        |           |
| R/B Exhaust Temp     |        |         |         |         |        |           |
| Exhaust Temperature  | 27.7   | 27.7    | 27.7    | 27.7    | 27.7   | 27.7      |
| DC Voltage           |        |         |         |         |        |           |
| Natural Gas Pressure |        |         |         |         |        |           |
| Diesel Fuel Level    |        |         |         |         |        |           |
| Room Temperature     |        |         |         |         |        |           |
| Ambient Temperature  | 26°F   | 26°F    | 26°F    | 26°F    | 26°F   | 26°F      |

Cable Length: \_\_\_\_\_ Cable/ Leg: \_\_\_\_\_ Connection Point: \_\_\_\_\_

Technician Signature: **Randy P.**

Customer Signature: \_\_\_\_\_