

CHARLES EQUIPMENT ENERGY SYSTEMS

LOAD BANK TESTING

Customer: Central States Diesel Generators CSDG Stk# 2109
 Address: 2001 S Prairie Ave (Door 26)
 City/ State/ Zip Waukesha/ WI/ 53189
 Contact: Patrick Paden
 Phone: 262-955-7655

R#: 4333
 Test Date 10/16/2017

Engine Make/ Model: Cummins QSB7-G7
 Engine Spec/ Serial: 73463855
 Unit Make/ Model: Doosan G190
 Unit Spec/ Serial: 451801UCXE57

Voltage: 277/480
 Amperage: 187
 Kilowatts: 155
 Power Factor: 0.8

| | 5 Min. | 15 Min. | 30 Min. | 45 Min. | 1 Hour | Cool Down |
|----------------------|--------|---------|---------|---------|--------|-----------|
| Eng Hours | 741 | 741.3 | 741.5 | 741.8 | 742 | 742.1 |
| Hertz/Cycles | 60 | 60 | 60 | 60 | 60 | 60 |
| Voltage PH1 | 481 | 481 | 481 | 481 | 481 | 481 |
| PH2 | 482 | 482 | 482 | 482 | 482 | 482 |
| PH3 | 481 | 481 | 481 | 481 | 481 | 481 |
| Amperage PH1 | 0 | 186 | 187 | 186 | 187 | 0 |
| PH2 | 0 | 187 | 186 | 186 | 186 | 0 |
| PH3 | 0 | 186 | 186 | 187 | 187 | 0 |
| Kilowatts | 0 | 155 | 155 | 155 | 155 | 0 |
| Oil Pressure | 58 | 50 | 50 | 50 | 50 | 52 |
| Oil Temperature | N/A | N/A | N/A | N/A | N/A | N/A |
| Coolant Temperature | 180°F | 190°F | 190°F | 190°F | 190°F | 183°F |
| Man Vac./Press. L/B | N/A | N/A | N/A | N/A | N/A | N/A |
| Man Vac./Press. R/B | N/A | N/A | N/A | N/A | N/A | N/A |
| L/B Exhaust Temp | N/A | N/A | N/A | N/A | N/A | N/A |
| R/B Exhaust Temp | N/A | N/A | N/A | N/A | N/A | N/A |
| Exhaust Temperature | N/A | N/A | N/A | N/A | N/A | N/A |
| DC Voltage | 27.8 | 27.8 | 27.8 | 27.8 | 27.8 | 27.8 |
| Natural Gas Pressure | N/A | N/A | N/A | N/A | N/A | N/A |
| Diesel Fuel Level | N/A | N/A | N/A | N/A | N/A | N/A |
| Room Temperature | N/A | N/A | N/A | N/A | N/A | N/A |
| Ambient Temperature | 60°F | 60°F | 60°F | 60°F | 60°F | 60°F |

Cable Length: _____

Cable/ Leg: _____

Connection Point: _____

Technician Signature: Randy P.

Customer Signature: _____