

CHARLES EQUIPMENT ENERGY SYSTEMS

LOAD BANK TESTING

Company Name Central States Diesel Generator
 Contact Patrick Paden
 Phone no. 1-847-997-8090 / 1-262-955-7655

Address 2001 S. Prairie Ave
 City/State/Zip Waukesha WI. 53189

Gen Pkg Make Katolight N100FPG4
 Serial no. & Spec no. 11260

Eng Make & Mod GM 8.1L
 Serial no. & Spec no. LM647165 - 80104

GENSET RATING kWe 100 Volts 120/208 Amps 347 (.8) 278 (1.0) Hertz 60

| | | | | | | | | | |
|------------------------|-----------|------------|------------|------------|------------|------------|--------|-------------|---------|
| Test Date: 19 March 18 | 5 Minutes | 10 Minutes | 15 Minutes | 20 Minutes | 30 Minutes | 45 Minutes | 1 Hour | 1 Hr 30 Min | 2 Hours |
| Engine Hours | 276 | 276.2 | 276.3 | 276.4 | 276.4 | 276.8 | 277 | 277.5 | 278 |
| Hertz/Cycles | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 |
| Voltage PH1 | 208 | 208 | 208 | 208 | 208 | 208 | 208 | 208 | 208 |
| PH2 | 208 | 208 | 208 | 208 | 208 | 208 | 208 | 208 | 208 |
| PH3 | 208 | 208 | 208 | 208 | 208 | 208 | 208 | 208 | 208 |
| Amperage PH1 | 83 | 167 | 222 | 276 | 276 | 276 | 276 | 276 | 276 |
| PH2 | 83 | 167 | 222 | 276 | 276 | 276 | 276 | 276 | 276 |
| PH3 | 83 | 167 | 222 | 276 | 276 | 276 | 276 | 276 | 276 |
| Kilowatts | 30 | 60 | 80 | 100 | 100 | 100 | 100 | 100 | 100 |
| Load Percentage % | 25% | 50% | 75% | 100% | 100% | 100% | 100% | 100% | 100% |
| Oil Pressure | 55 | 42 | 35 | 35 | 35 | 35 | 35 | 35 | 35 |
| Coolant Temperature | 100 | 135 | 160 | 170 | 170 | 170 | 170 | 170 | 170 |
| Diesel Fuel Level | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Natural Gas Press | 11" | 11" | 11" | 11" | 11" | 11" | 11" | 11" | 11" |
| Battery Voltage | 12.5 | 14 | 14.5 | 15 | 15 | 15 | 15 | 15 | 15 |
| Battery Amperage | 4 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Misc | | | | | | | | | |
| Room Temperature | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Ambient Temp | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 | 34 |

FIELD SERVICE NOTES; TEST RUN UNIT AS REQUIRED, NO FAULTS NOTED, UNIT PULLED FULL RATED LOAD. THE ABOVE READINGS ARE BASED ON A 1.0 PF.

TEST DATE 19 March 2018

Customer Signature Michael Biehl

Tech Signature Jaime Merlo

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Date March 19, 2018

Date 3/19/2018