


Work Order

		
WO No.: 9090		Open / History: 0
WO Date: 04/13/2020		Job Status: Completed
Sched. Date: 04/16/2020		Status Change Date: 2020.04.16 (INV)
Completed Date: 04/16/2020		Assign To Type: Technician
Bill With Work Order:		Assign To: (RANDY POOL)
Follow Up From WO#: 0		
Customer P.O. No.:		Asset ID:
CEES Quote:		Unit #: 2643
		Engine Make: CATERPILLAR
Site: CENTRAL STATES DIESEL GENERATORS		Engine Model No.: C9
Site_addr:		Engine Serial No.: S9L02102
City:		Engine Spec:
State:		Unit Make:
Zip:		Unit Model No.:
Requested By: PATRICK PADEN		Unit Serial No.:
Req. Telephone:		Unit Spec:
Req. E-mail:		Engine Hours: 0
Bill To: (Invoice): CENTRAL STATES DIESEL GENERATORS		
Account #: 1121		Round Trip Miles: 0
Perform For Type: Customer		Tolls Paid: 0
Perform For: CENTRAL STATES DIESEL GENERATORS (CENTRAL STATES DIESEL GENERATORS)		
		Time In:
WO Type: Load Bank		Time Out:
Problem Type: INSPECT AND LOAD BANK FOR SALE		
		Signed Signature:
Brief Description: INSPECT AND LOAD BANK FOR SALE		Kilowatts: 250
		Voltage: 480
Customer Complaint: PERFORM INSPECTION		Cable Run (ft): 0
PERFORM 1-HOUR LOAD-BANK TEST		
Work Performed: 4-16-20 (RANDY) PERFORMED INSPECTION. ADDED 1 GALLON OF CSDG SUPPLIED COOLANT. ENGINE RUNS AT 1100 RPM AND SHUTS DOWN AFTER 10 SECONDS ON LOW FREQUENCY AND LOW VOLTAGE OUTPUT. WATER TEMP AND OIL PRESSURE NOT READING ON EMCP3.2. PATRICK CALLED FABICK. FABICK ARRIVED WITHIN AN HOUR AND FOUND MISSING 120 OHM RESISTOR ACROSS CAN2 TERMINALS. FABICK MOVED CAN1 RESISTOR TO CAN2 AND ENGINE NOW RUNS AT 1800 RPM AND COOLANT TEMP AND OIL PRESSURE ARE READING CORRECTLY ON THE EMCP3.2. PERFORMED 1-HOUR LOAD-BANK TEST.		
Follow-Ups: NEED TO INSTALL 120 OHM RESISTOR ACROSS CAN1 TERMINALS. NOTE: CAN1 IS FOR REMOTE ANNUNCIATION, CAN2 IS FOR EMCP3.2.		



Customer: Central States Diesel Generators STK#2643
 Address: 2001 S Prairie Ave.
 City/ State/ Zip Waukesha, WI 53189
 Contact: Patrick Paden
 Phone: 262-955-7655

R#: 9090
 Test Date 4-16-20

Engine Make/ Model: Caterpillar C9
 Engine Spec/ Serial: S9L02102
 Unit Make/ Model: Caterpillar C9
 Unit Spec/ Serial: C9E01274

Voltage: 277/480
 Amperage: 301
 Kilowatts: 250
 Power Factor 0.8

	5 Min.	15 Min.	30 Min.	45 Min.	1 Hour	Cool Down
Eng Hours	282.2	282.4	282.7	282.9	283.2	283.3
Hertz/Cycles	60	60	60	60	60	60
Voltage PH1	481	480	480	480	481	481
PH2	480	480	480	480	480	480
PH3	480	480	480	480	480	480
Amperage PH1	0	301	300	301	300	0
PH2	0	302	302	301	301	0
PH3	0	301	301	301	302	0
Kilowatts	0	250	250	250	250	0
Oil Pressure	74	68	66	66	66	68
Oil Temperature						
Coolant Temperature	180°F	187°F	187°F	187°F	187°F	182°F
Man Vac./Press. L/B						
Man Vac./Press. R/B						
L/B Exhaust Temp						
R/B Exhaust Temp						
Exhaust Temperature						
DC Voltage	27.2	27.2	27.2	27.2	27.2	27.2
Natural Gas Pressure						
Diesel Fuel Level						
Room Temperature						
Ambient Temperature	35°F	35°F	35°F	36°F	36°F	36°F

Technician Signature: _____

Customer Signature: _____

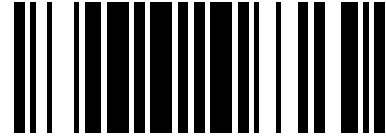
Invoice

04/21/2020

Charles Equipment

Charles Equipment Energy Systems, LLC
530 Santa Rosa Drive
Des Plaines, IL 60018
Phone: (630) 834-6000
Fax: (630) 543-4174
Email: cees@charlesequipment.com

9090



Bill To:

CENTRAL STATES DIESEL GENERATOR
2001 S. PRAIRIE AVE
WAUKESHA, WI 53189

Customer: CENTRAL STATES DIESEL GENERATOR

Ship To:

CENTRAL STATES DIESEL GENERATOR
2001 S. PRAIRIE AVE
WAUKESHA, WI 53189

Contact: PATRICK PADEN
PO Number: UNIT #2643

Notes

PERFORM INSPECTION AND ONE-HOUR LOAD-BANK TEST.

Seller	Payment Terms	FOB Point	Carrier	Ship Service	Requested Ship Date
mikejr	Net 10	Origin	Will Call		04/20/2020

Item #	Type	Number / Description	Unit Price	Qty Ordered	Total Price
1	Sale	SFT/M/WI - STRAIGHT FIELD LABOR - WI	\$ 115.00	7.75 hr	\$ 891.25
2	Sale	OT/F/WI - NORMAL OVERTIME FIELD - WI	\$ 140.00	0.5 hr	\$ 70.00

This invoice is based on CEES standard conditions of sale, whether attached hereto or not, a copy of which is on file at the CEES corporate office. CEES hereby objects to any additional or different terms set forth in any request for quotation, specification, purchase order or any other document of purchaser or provided by purchaser. Acceptance of additional or different terms must be specifically agreed to in writing by CEES. All credit card payments will be charged a 3% administration fee.

Subtotal: \$ 961.25
Sales Tax: \$ 0.00
Total: \$ 961.25