

# Patten

**AARON****0****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:	12/20/11
Unit Location:	0	Work Order #:	0
Unit #:	0	Acct. #:	0
Manufacturer:	CU	Tech #	1511
Model #:	QSt30-G2	Hour Meter Start	318.0
Serial #:	37178092	Hour Meter Finish	319.0
Voltage Stability	GOOD	Package Serial #:	N/A
Rated KW	750		

**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	748.3	748.0	747.7	747.7	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	480	480	480	480				
Voltmeter L2 - L3	479	479	479	479				
Voltmeter L1 - L3	479	479	479	479				
Ammeter L1	901	901	901	901				
Ammeter L2	902	902	901	901				
Ammeter L3	901	900	900	900				
Frequency Meter	60.0	60.0	60.0	60.0				
Lube Oil Pressure	55	54	53	53				
Water Temp	179	180	180	181				
Ambient Room Temp	30	30	30	30				
Exhaust Temp	N/A	N/A	N/A	N/A				
Oil Temp	N/A	N/A	N/A	N/A				
Battery Voltage	27.0	27.0	27.0	27.0				
Fuel Pressure	N/A	N/A	N/A	N/A				
Fuel Level	N/A	N/A	N/A	N/A				

**COMMENTS AND RECOMMENDATIONS**

REPLACED LEFT SIDE PICKUP PUMP AND STRAINER AND CLEANED RIGHT SIDE STRAINER CHECKED TURBO OK CHANGED FUEL FILTERS OK. CHECKED ECM PROGRAM OK. RAN UNIT UNDER LOAD FOR 1 HR NO PROBLWEMS FOUND. UNIT HAS OVER AND UNDER HZ SHUT DOWN UNIT ALSO HAS OVER AND UNDER VOLTAGE SHUTDOWN AND HAS BREAKER ON GEN ENCL. COVERED MUFFLER WITH PLASTIC COVERED TOPS OF FLEX PIPING WITH PLASTIC ALSO CLEANED UP AREA AND BOLTED COVERS ON UNIT. LOADED UNIT WITH SEVERAL BLOCK LOADS TO INSURE GEN TOOK LOAD OK.

CUSTOMER SIGNATURE:

Date: December 20, 2011

TECHNICIAN SIGNATURE:

Date: December 20, 2011

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## LOAD AND OPERATION TEST

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Unit #	0	Acct. #	0
Manufacturer	CU	Tech #	1511
Model #	QSt30-G2	Hour Meter Start	318.0
Serial #	37178092	Hour Meter Finish	319.0
Voltage Stability	GOOD	Package Serial #:	N/A
Rated KW	750	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								

### COMMENTS AND RECOMMENDATIONS

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UNDER LOAD FOR 1 HR NO PROBLWEMS FOUND. UNIT HAS OVER AND UNDER HZ SHUT DOWN  
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