



### React Power Solutions

STATUS

✓ Done

PRIORITY

None

DUE DATE

05/14/2021

DESCRIPTION

Incoming inventory. Load Test and Troubleshoot any issues

ASSIGNEES

Darin Peters

Brandon Reynolds

CATEGORIES

Approved by Service Manager

PROCEDURE

### Load Test - 1 Hour (34 fields)

#### Visual/Walk Around

Walk around unit and clean up as needed

*Filled by Victor Pudelek on 05/27/2021, 11:57 AM*

Visual Inspection of Generator and Control Panel - Add Shop Batteries if Needed

*Filled by Victor Pudelek on 05/28/2021, 11:23 AM*

Record Engine Hours :

4689

*Filled by Victor Pudelek on 05/28/2021, 11:23 AM*

Check overall condition of radiator:

✓ Pass

Flag

Fail

*Filled by Victor Pudelek on 05/27/2021, 11:57 AM*

Check condition/level of coolant:

✓ Pass

Flag

Fail

*Filled by Victor Pudelek on 05/28/2021, 8:36 AM*

Check condition of Fan/Alternator belts:

- ✓ Pass
- Flag
- Fail

*Filled by Victor Pudelek on 05/27/2021, 11:58 AM*

Check Fuel Lines for cracks, leaks, etc.:

- ✓ Pass
- Flag
- Fail

*Filled by Victor Pudelek on 05/28/2021, 8:36 AM*

Empty Fuel Water Separator:

- ✓ Pass
- Flag
- Fail

*Filled by Victor Pudelek on 05/28/2021, 8:36 AM*

Check age of Fuel Filters (Change if necessary):

- ✓ Pass
- Flag
- Fail

*Filled by Victor Pudelek on 05/28/2021, 8:36 AM*

Check Fuel Quality in Fuel Tank :

- ✓ Pass
- Flag
- Fail

**Notes:**

Fuel tank empty

*Filled by Victor Pudelek on 05/28/2021, 8:36 AM*

Check Age of Oil Filters (change if necessary):

- ✓ Pass
- Flag
- Fail

*Filled by Victor Pudelek on 05/28/2021, 8:36 AM*

Check condition/level of oil (change / add if necessary):

- ✓ Pass
- Flag
- Fail

*Filled by Victor Pudelek on 05/28/2021, 11:23 AM*

Check Rear/Front Seals for signs of leaks:

- ✓ Pass
- Flag
- Fail

*Filled by Victor Pudelek on 05/28/2021, 11:23 AM*

Check Lubrication System for signs of leaks:

- ✓ Pass
- Flag
- Fail

*Filled by Victor Pudelek on 05/28/2021, 11:23 AM*

Check condition of air filters (Change if necessary):

- ✓ Pass
- Flag
- Fail

*Filled by Victor Pudelek on 05/28/2021, 11:23 AM*

Check / Service Crankcase Breather:

- ✓ Pass
- Flag
- Fail

*Filled by Victor Pudelek on 05/28/2021, 11:23 AM*

### **Idle Run Check**

Operational Inspection of Control Panel/Meters:

- ✓ Pass
- Flag
- Fail

*Filled by Victor Pudelek on 05/28/2021, 1:04 PM*

## Operational Inspection of Frequency and Voltage Output - Matching Gen End Tag:

- Pass
- Flag
- Fail

Filled by Victor Pudelek on 05/28/2021, 1:04 PM

## Check for excessive noise with Engine / Generator:

- Pass
- Flag
- Fail

Filled by Victor Pudelek on 05/28/2021, 1:04 PM

## Check for Fuel, Coolant and Oil Leaks:

- Pass
- Flag
- Fail

Filled by Victor Pudelek on 06/01/2021, 8:28 AM

## Check for Exhaust Leaks, signs of wet stacking, or oil slobbering:

- Pass
- Flag
- Fail

Filled by Victor Pudelek on 05/28/2021, 1:04 PM

**Load Test**

- 1 Hour Test - 15 Min @ 25% / 15 Min @ 50% / 30 Min @ 100%

Filled by Victor Pudelek on 06/01/2021, 8:28 AM

- Monitor / Record Results on Load Test Report

Filled by Victor Pudelek on 06/01/2021, 8:28 AM

- Record 30 Second Video of Load Test @ 100% - Share with Service Manager


Filled by Victor Pudelek on 06/01/2021, 8:28 AM

## Load Test Result:

- Pass
- Flag
- Fail

Filled by Victor Pudelek on 06/01/2021, 8:28 AM

Photo of Completed Load Test:



### Load Test Report

Customer:	5123 Hiltonview Rd. Houston, TX 77086	kW Rating:	1750	Date:	5-28-21
Address:		Model:	DQKB-4490509	Technician:	Victor
Contact:		Serial Number:	A010193066	Job/Item #:	2416

Time	Load %	kW	A	B	C	A-B	Volts A-C	B-C	Hz	Oil Pressure	Water Temp.	Ambient Temp.
4:20	0	0	0	0	0	480	480	480	60	72	151	85
4:35	53%	930	1103	1101	1102	480	480	480	60	67	174	85
4:50	77%	1300	1544	1516	1550	480	480	480	60	64	179	85
5:05	98%	1722	2041	2016	2050	480	480	480	60	62	184	85
5:20	97%	1710	2025	1998	2034	480	480	480	60	61	185	

**REMARKS:** 15 Minutes @ 50% Load; 15 Minutes @ 75% Load; 30 Minutes @ 100% Load  
 Load requirements are not achievable due to load bank steps, load unit as close to the load requirement as possible. Record in notes section below.

5123 Hiltonview Rd. Houston, TX 77086  
 www.reactpower.com  
 +1 832-446-3835

Filled by Victor Pudelek on 06/01/2021, 8:28 AM

**Clean and Store - After cooldown**

- Return Cables, Load Bank, Fuel Tanks to proper locations

*Filled by Victor Pudelek on 06/01/2021, 8:28 AM*

- Clean up (spills, copper shavings, materials, etc)

*Filled by Victor Pudelek on 06/01/2021, 8:28 AM*

- Seal exhaust outlets and air inlets for long term storage

*Filled by Victor Pudelek on 06/01/2021, 8:28 AM*

- Move unit to proper storage location

*Filled by Victor Pudelek on 06/01/2021, 8:28 AM*

ⓘ WORK ORDER INFO

Created by: John Conine on 05/05/2021, 3:35 PM

Last updated on 06/22/2021, 7:13 PM

Completed on 06/01/2021, 10:28 AM

---

Signed off by

---

Date