

INTERSTATE COMPANIES, INC.

Form Information

Form Name:	Generator Inspection Form
Submitter Name:	Michael Jackimek (mjackimek@inlandpowergroup.com)
Submission Date:	Nov 7, 2015 1:25:01 PM CST
Server Receive Date:	Nov 7, 2015 1:25:17 PM CST
Reference Number:	20151107-1830247288
Location:	633 Clark St, Evanston, IL 60208, USA Nov 7, 2015 1:25:00 PM CST [View Map]

Customer Information

RO Number	209
Customer Email address (copy of form will be sent to this email address)	r-sroka@northwestern.edu r-rang@northwestern.edu
Salesperson Email address (copy of form will be sent to this email address)	ken.chiakas@istate.com
Customer Business Name	NORTHWESTERN UNIVERSITY
Customer Number	131587
Primary Contact	Roger Sroka, Ray Rang
Phone Number	847-408-1291 Roger
Asset Location	Allison / Crown
Equipment Information	
Manufacturer	Generac / olympian
Model	98a04096s
Serial Number	2042917
Size	200 KW
Unit Number	Allison / Crown
Unit Hours	260.7
Engine Information	
Engine Manufacturer	cat
Engine S/N	5YF03760
Date/Time	Nov 7, 2015 11:18:00 AM CST
Location	633 Clark St, Evanston, IL 60208, USA Nov 7, 2015 1:24:41 PM CST [View Map]

Inland Review

Inland Review of Customer O/M	
O/M Manual Available?	No
Inland Review of Customer Operations Logs	
Operations Logs Available?	No
Operations Logs Abnormalities?	No

Start Battery

Nominal Voltage Value	24V
Nominal Voltage Test OK?	Yes
Load Test Value	okay
Load Test - Test ok?	Yes
Check and adjust water level in battery cells	Level OK
General Condition Test OK?	Yes
Battery Date Code	May 1, 2014

Notes 2 each 4D batteries
Date/Time Nov 7, 2015 11:20:00 AM CST
Location 633 Clark St, Evanston, IL 60208, USA
Nov 7, 2015 11:18:17 AM CST [[View Map](#)]

Battery Charger

Float Voltage Setting Value 25.5
Float Voltage Setting Test OK? Yes
Boost Charger Boost AMP Value 0.9
Boost Charge Setting Test OK? Yes
Charge Lead Connections Test OK? Yes
Inspect Battery Charger Condition Test OK? Yes
Notes battery tender
Date/Time Nov 7, 2015 11:23:00 AM CST
Location 633 Clark St, Evanston, IL 60208, USA
Nov 7, 2015 11:22:31 AM CST [[View Map](#)]

Engine Charge Alternator Applicable?

Applicable? Applicable

Engine Charge Alternator

Inspect Connections Pass
Inspect Belt Pass
Output Amps Pass
Output Volts Pass
Notes belts tight
Date/Time Nov 7, 2015 11:23:00 AM CST
Location 633 Clark St, Evanston, IL 60208, USA
Nov 7, 2015 11:22:31 AM CST [[View Map](#)]

Battery Cables

Inspect Connections, Add No Ox Pass
Inspect Condition Pass
Notes no oxidation connections tight
Date/Time Nov 7, 2015 11:23:00 AM CST
Location 633 Clark St, Evanston, IL 60208, USA
Nov 7, 2015 11:22:31 AM CST [[View Map](#)]

Engine Starter

Inspect General Condition Pass
Battery Voltage at Crank Speed Value 23.9
Battery Voltage at Crank Speed Pass
Notes connections tight
Date/Time Nov 7, 2015 11:23:00 AM CST
Location 633 Clark St, Evanston, IL 60208, USA
Nov 7, 2015 11:22:31 AM CST [[View Map](#)]

Diesel Fuel

Visual Inspection Pass
Dip Fuel Tank for Water Pass
Replace Fuel Filters Pass
Take Fuel Sample Pass

Condition/Polish Fuel	Pass
Date/Time	Nov 7, 2015 11:24:00 AM CST
Location	633 Clark St, Evanston, IL 60208, USA Nov 7, 2015 11:22:31 AM CST [View Map]

Main/Day Fuel Tank & Piping

Inspect Condition	Pass
Inspect Vents	Pass
Inspect Level Gauges/Monitors Value	3/4
Inspect Level Gauges/Monitors	Pass
General Condition	Pass
Date/Time	Nov 7, 2015 11:24:00 AM CST
Location	633 Clark St, Evanston, IL 60208, USA Nov 7, 2015 11:22:31 AM CST [View Map]

Engine Fuel System

Inspect Metallic Piping	Pass
Inspect Flexible Fuel Hoses	Pass
Inspect Injection Pump	Pass
Inspect Fuel Lift Pump	Pass
Notes	no leaks
Date/Time	Nov 7, 2015 11:24:00 AM CST
Location	633 Clark St, Evanston, IL 60208, USA Nov 7, 2015 11:24:40 AM CST [View Map]

Air System

Inspect Air Filter	Pass
Replace/Service Air Filter	Pass
Date/Time	Nov 7, 2015 11:24:00 AM CST
Location	633 Clark St, Evanston, IL 60208, USA Nov 7, 2015 11:24:40 AM CST [View Map]

Alternator

Inspect Condition	Pass
Inspect Wire and Cabling	Pass
Notes	no debris in windings
Date/Time	Nov 7, 2015 11:25:00 AM CST
Location	633 Clark St, Evanston, IL 60208, USA Nov 7, 2015 11:24:40 AM CST [View Map]

Engine

Check Lube Oil Add - Amount Added	5 gal
Inspect for leaks	Pass
Take Lube Oil Sample	Yes
Replace Lube Oil and Filters	Yes
Inspect Excess Noise/Vibration	Pass
Notes	no leaks
Date/Time	Nov 7, 2015 11:25:00 AM CST
Location	633 Clark St, Evanston, IL 60208, USA Nov 7, 2015 11:24:40 AM CST [View Map]

Engine Electrical

Inspect Load/Line Connectors	Tested OK
------------------------------	-----------

Inspect All Control Lights	Tested OK
Inspect All Gauges	Tested OK
Inspect All Control Wiring	Tested OK
Date/Time	Nov 7, 2015 11:25:00 AM CST
Location	633 Clark St, Evanston, IL 60208, USA Nov 7, 2015 11:24:40 AM CST [View Map]

Engine Exhaust

Inspect Turbo Charger	Tested OK
Inspect Flex Connection	Tested OK
Inspect for Exhaust Leaks	Tested OK
Notes	no leaks
Date/Time	Nov 7, 2015 11:25:00 AM CST
Location	633 Clark St, Evanston, IL 60208, USA Nov 7, 2015 11:24:40 AM CST [View Map]

Radiator/Fans/Belts Applicable?

Applicable?	Applicable
-------------	------------

Radiator/Fans/Belts

Inspect Radiator Cap	Replaced radiator cap 1 1 / 2 " 7lb
Inspect Radiator Core	Tested OK
Inspect Fan	Tested OK
Inspect Fan Shroud and Guard	Tested OK
Inspect Belt Condition	Tested OK
Inspect Belt Tension	Tested OK
Date/Time	Nov 7, 2015 11:25:00 AM CST
Location	633 Clark St, Evanston, IL 60208, USA Nov 7, 2015 11:24:40 AM CST [View Map]

Coolant Applicable?

Applicable?	Applicable
-------------	------------

Coolant

A/R Check Level Replenish	Tested OK
Visual Inspection	Tested OK
Take Coolant Sample	Tested OK
Replace Coolant as required	Tested OK
Inspect Protection Level Value	minus 40
Inspect Protection Level	Tested OK
Notes	added 1 gallon pink 50 / 50 ethylene glycol
Date/Time	Nov 7, 2015 11:26:00 AM CST
Location	633 Clark St, Evanston, IL 60208, USA Nov 7, 2015 11:24:40 AM CST [View Map]

Coolant Piping and Hoses

Inspect Hard Pipe	Tested OK
Inspect Hoses	Tested OK
Inspect Hose Clamps	Tested OK
Notes	no leaks
Date/Time	Nov 7, 2015 11:27:00 AM CST
Location	633 Clark St, Evanston, IL 60208, USA

Engine Block Heater

Inspect Operation	Tested OK
Inspect Hoses & Clamps	Tested OK
Notes	heater operating
Date/Time	Nov 7, 2015 11:27:00 AM CST
Location	633 Clark St, Evanston, IL 60208, USA Nov 7, 2015 11:24:40 AM CST [View Map]

Water Pump

Inspect Operation/Condition	Tested OK
Notes	no leaks
Date/Time	Nov 7, 2015 11:27:00 AM CST
Location	633 Clark St, Evanston, IL 60208, USA Nov 7, 2015 11:24:40 AM CST [View Map]

Pre Alarms Applicable?

Applicable?	Applicable
-------------	------------

Pre Alarms

Test High Water Temp	Pass
Test Low Oil Pressure	Pass
Test Low Coolant Temp	Pass
Test Low Fuel Level	Pass
Date/Time	Nov 7, 2015 11:27:00 AM CST
Location	633 Clark St, Evanston, IL 60208, USA Nov 7, 2015 11:24:40 AM CST [View Map]

Alarms and Shutdowns Applicable?

Applicable?	Applicable
-------------	------------

Alarms and Shutdowns

Test Low Oil Pressure	Pass
Test High Water Temp	Pass
Test Over Crank	Pass
Date/Time	Nov 7, 2015 11:27:00 AM CST
Location	633 Clark St, Evanston, IL 60208, USA Nov 7, 2015 11:24:40 AM CST [View Map]

Aux Faults/Inputs Applicable?

Applicable?	Not Applicable
-------------	----------------

Remote Annunciator Applicable?

Applicable?	Not Applicable
-------------	----------------

Transfer Switch Testing

Inspect LED/LAMPS	Pass
Notes	4 each ats
Date/Time	Nov 7, 2015 11:27:00 AM CST
Location	633 Clark St, Evanston, IL 60208, USA Nov 7, 2015 11:24:40 AM CST [View Map]

Transfer Switch Testing Permitted?

Is Operational Testing of the Transfer switch Permitted at this time? Not Permitted

Loadbank?

Use inspection form or loadbank form? Seperate Loadbank Form

Signature

Final Comments Replaced radiator cap and added coolant
Customer Signature



Date/Time
Location

Nov 7, 2015 11:28:00 AM CST
633 Clark St, Evanston, IL 60208, USA
Nov 7, 2015 11:24:40 AM CST [[View Map](#)]