



## STAPLES Center GENERATOR TESTING PROCEDURES

There are two emergency generators (1.5MW each) servicing STAPLES Center. These generators must have valid permits in place and be tested every second week and annually. Only personnel deemed qualified by the VP of Engineering will be allowed to perform these tests. The following instructions must be adhered to when performing biweekly and annual testing:

### Two Week Testing

1. Prior to starting an engine, check both oil and fluid levels
2. Verify that the output breaker is closed
3. Make sure block heaters are functioning properly
4. Ensure battery chargers are functioning properly
5. Start the engines manually (starting both at the same time is OK)
6. Run engines until they reach operating temperature + 5 minutes (typically about 20 minutes)
7. Log: Oil Pressure, Oil Temp., RPM, Coolant Temp, Cylinder Temp (right & left), Run-Time Hours, Voltage, Frequency, Seconds to Start Engine
8. Turn switch back to auto

### Annual Testing (under load test)

1. Prior to starting an engine, check both oil and fluid levels
2. Verify the output breaker is closed
3. Make sure block heaters function properly
4. Ensure battery chargers are functioning properly
5. Start the generator automatically either by opening the main breaker to the building or by opening the breaker feeding any transfer switch serving that particular generator.
6. Log: Oil Pressure, Oil Temp., RPM, Coolant Temp, Cylinder Temp. (right & left), Run-Time Hours, Voltage, Frequency, Seconds to Start Engine
7. Close Main breaker and/or transfer switch(es)

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