

## EPA Generator Operation and Maintenance Tips

- 1) Regularly run generators under full load for extended periods of time to test for any problems.
- 2) Test the generator under load every time after it is serviced. Utility has specific requirements for load tests for a specific run time at each interval of 50%, 75% and 100% to fully test under expected loads for a proper time duration.
- 3) Perform additional maintenance requirements for a generator when planning to use for 10 days or longer.
- 4) Record all maintenance activities to assess performance and operating costs, and to be informed of predictive maintenance requirements and future buying decisions.
- 5) When you change the oil in your generator, consider sending a sample to be tested for the presence of metals. Metals could indicate engine wear, which may indicate that other repairs are needed.
- 6) Test fuel to make sure it is still viable. Consider fuel conditioning or fuel replacement on a regular basis to maintain the quality of the fuel in the tank.
- 7) Consider service requirements when selecting the generator location for ease of service access and replacement.
- 8) Consider National Fire Prevention Association (NFPA) 110 requirements.\*  
<https://www.nfpa.org/codes-and-standards/all-codes-and-standards/list-of-codes-and-standards/detail?code=110>

\*NFPA 110 guidelines are used for the installation and maintenance of Emergency Power Systems. This is the root guiding document of FM Generator's PM services and Emergency Generator sales.

Regardless of your generator's primary mission, the standards outlined in NFPA 110 are best practices for all emergency and standby power systems. When it comes to backup power reliability, you can count on us! We have kept mission critical facilities powered for decades!

**For more information or for a quote, call FM Generator today at 800-253-6617 or email us at [commercialsales@fmgenerator.com](mailto:commercialsales@fmgenerator.com).** For more information on our other services we can provide, feel free to visit our website at [www.fmgenerator.com](http://www.fmgenerator.com).