

What You Need To Do

**(National Fire Protection Association [NFPA], @ NFPA 110 Standard for Emergency and Standby Power Systems, 2010 Edition*

Set up a routine maintenance and testing schedule. (*NFPA 110 8.3.3)

Keep good written records of all inspections, tests, repairs, and maintenance. (*NFPA 110 8.3.4)

Test entire system for 30 minutes after any repair or service. (*NFPA 8.3.2.1)

Weekly:

- Inspect the generator. (*NFPA 110 8.4.1)
- Check the oil, fuel, and coolant
- Make sure the heater is working
- Check the battery

Monthly:

- Run **diesel** generators **at 30%** of its rated load at minimum of 30 minutes. Gas generators need not reach 30% load but must be tested for 30 minutes per month. (*NFPA 110 8.4.2 & 8.4.2.4)
- Record oil pressure, engine temperature, and AC amperage.
- Transfer **all** transfer switches to the Generator. Include the fire pump transfer switch. (*NFPA 110 8.4.6.1 & *NFPA 25 8.3.4.2)

Annually:

- Test the generator and fire pump together at full load. (*NFPA 25 8.3.3.4)
- Operate the generator breaker. *(NFPA 110 8.4.7)
- Test **diesel** fuel annually. (*NFPA 110 8.3.8)

Every Three Years:

- Test system under load for 4 hours

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