

Napa County Building Officials Coalition

Striving to provide clear and consistent building code information and handouts for all Napa County jurisdictions. *(Please check with each jurisdiction for any local amendments.)*

H/O No. 2018-02
REV. Date: 2019-01

Residential Generator Checklist

A permit is required for all generators for code compliance, method of installation, and placement. Here's what needed.

- (1) Building Permit Application – Form must be filled out completely.
- (2) Site Plans – Indicating location of generator, transfer switch, raceway(s), and fuel/gas piping.
 - Generators are not allowed to be placed in the property setbacks or easements unless approved by the Planning and Building Department. Placement in a hazardous location is also forbidden. Maintain required clearances to openings and property lines.
- (2) Copies of generator manufacturer's installation instructions/specifications.
- (2) Copies of transfer switch manufacturer's installation instructions/specifications.
- (2) Copies of electrical / plumbing plans which must include the following:
 - The brand, model, KW-output of generator to be installed – This information can be obtained from the generator's installation manual.
 - The brand, model, and specifications of the transfer switch to be utilized – This can be obtained from the switch manufacturer.
 - Location of generator, transfer switch, raceways, and fuel gas piping to/from the unit, surface or material generator will be mounted or placed on.
 - Size of conductors and size/material of raceway(s) used.
 - Grounding and bonding requirements for separately derived systems.
 - Size dimensions of the generator. (length, width, height)
 - If generator is placed inside a structure it is required to be listed for interior installations, specify exhaust system and ventilation requirements.
 - Generators shall be equipped with a disconnect for service of equipment.
 - Type of fuel supply for generator.
 - Size and type of fuel gas supply piping used.



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