



Building Safety

1001 W Center Street

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Residential Generator Checklist

All generators must be reviewed to verify code compliance, method of installation, and placement.

- (1) Building Permit Application - Form must be filled out completely.
- (3) Site Plans - Showing all buildings, property lines, location of generator, transfer switch, raceway(s), and fuel/gas piping.
- (2) Copies of generator manufacturer's installation instructions/specifications.
- (2) Copies of transfer switch manufacturer's installation instruction/specifications.
- (2) Copies of electrical/plumbing plans, prepared by Electrical Engineer or Licensed Electrical Contractor, 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.
 - Generators are not allowed to be placed in the side yard or easement of any property. Placement in a hazardous location is also forbidden, maintain required clearances to openings.
 - 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.
 - Generator shall have the appropriate UL2200 certification.
 - A complete panel schedule.
 - Generator shall comply with the property line sound level limits per MMC 17.58.050.
 - Attachment detail by the generator manufacturer or licensed engineer for generator to pad or foundation in excess 400 lbs.
 - Analysis showing which loads selected for emergency backup verifying the generator and transfer switch are adequately sized.