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## MINIMUM CODE REQUIREMENTS FOR PERMANENT RESIDENTIAL TYPE STAND-BY GENERATORS

1. Generators (Engines) shall be installed at least 5 feet from openings in walls and at least 5 feet from structures having combustibile walls unless there is an adjacent wall that has a fire resistance rating of at least 1 hour between the structure and generator.
2. The generator shall be installed in compliance with floodplain management construction standards (same elevation above grade as the interior 1st floor of the building).
3. Generators that are exposed to wind shall be installed to resist the wind pressures according to ASCE (American Society of Civil Engineers) 7 – 2010.
4. Generators installed at grade level shall be supported on a level minimum 4 inch nominal (3.5 inch actual) concrete slab or other approved material extending a minimum of 2 inches above adjoining finished grade. Such slabs shall be placed on clean, thoroughly compacted sand or crushed rock free from organics, debris or other deleterious materials.
5. Generator exhaust shall be located so as not to create a nuisance. Exhaust termination shall be a minimum of 10 feet from any openable openings (doors, windows, vents, etc.) or air intakes.
6. Generators shall be listed and labeled. Generators shall be installed according to the manufacturer's recommendations and by the terms of their approval, in accordance with the conditions of the listing.  
Where conflicts between 1) the code, 2) the conditions of listing or, 3) the manufacturer's installation recommendations occur, the most restrictive of the three alternatives shall apply.
7. When applicable, the following Standards shall apply: NFPA 54-12 - National Fuel Gas Code NFPA 58-08 - Liquefied Petroleum Gas Code, NFPA 37-06 – Stationary Combustion Engines and Gas Turbines, NFPA 30-08 – Flammable and Combustible Liquids Code, ANSI/ASME B31.3 Process Piping, 2002 and the Florida Fuel Gas Code.
8. Installations shall comply with the Florida Fire Prevention Code
9. Maximum allowable sound levels and property setbacks shall comply with local jurisdiction's requirements.