



RESIDENTIAL GENERATOR PERMIT APPLICATION REQUIREMENTS

1. Please submit TWO (2) copies of a survey at the time of permit application that includes the following information:

_____ the clearly marked proposed location of the generator

_____ the clearly marked proposed location of fuel tank(s) (if applicable)

_____ show all dimensions from property lines and distances from adjacent structures

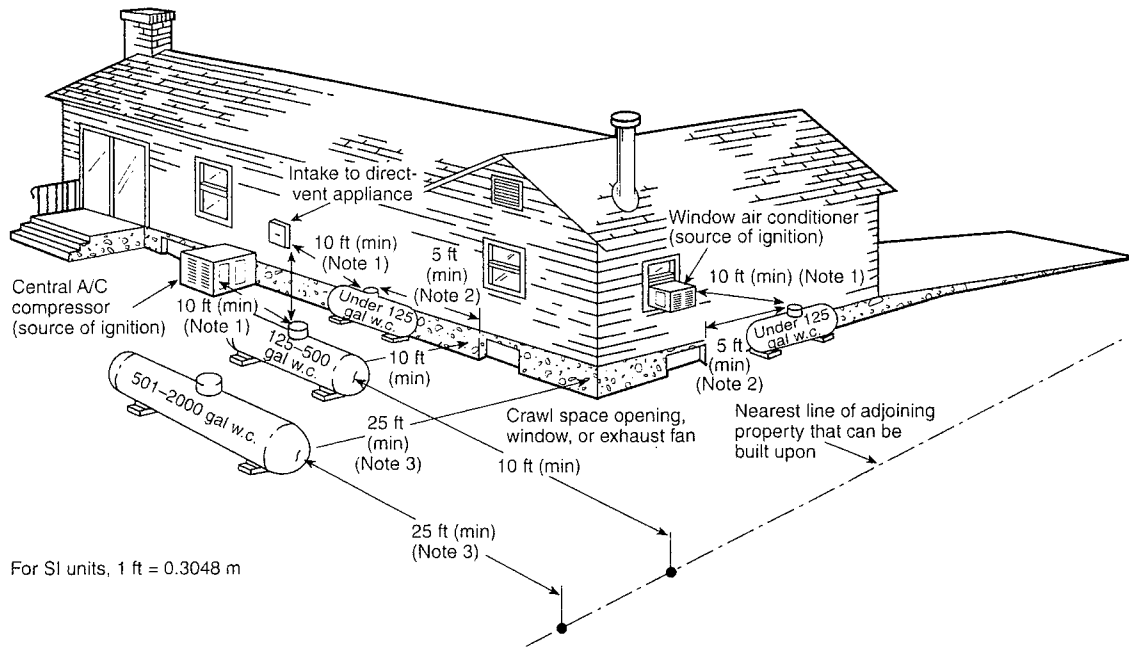
_____ location of all easements. Generators shall not be placed in an easement

_____ generator exhaust shall discharge outside of the engine enclosure, away from operable windows and outside air intakes

_____ the Flood Zone and Base Flood Elevations. All generators, electrical equipment and fuel tanks shall be installed above the Base Flood Elevation

2. Please submit TWO (2) copies of the manufacturers' specifications/installation instructions for the generator, the ATS/MTS, and any fuel storage tanks, along with the NRTL listings of all equipment.
3. The manufacturer's installation instructions for all equipment are required to be on-site for inspection. Equipment shall be installed according to manufacturers' instructions.
4. Generator/Electrical permit shall include TWO (2) copies of the complete riser diagram indicating locations of electrical equipment, conductor sizes and materials, conduit sizes and materials, sizes and types of over current devices and a grounding detail.
 - a. Please provide TWO (2) copies of the load calculations for Automatic Transfer systems. Load calculations shall be performed per NEC 220.40, 220.82, or 220.83. Alternate source loads shall be indicated on load calculations.
 - b. Manual means of transfer: Loads connected to the optional standby system may be selected by the user. Optional standby loads shall not exceed the output rating of the generator.

5. **Permanent signs shall be required per NEC 702.8.**
 - a. **Standby: A sign shall be placed at the service entrance equipment that indicates the type and location of on-site optional standby power sources.**
 - b. **Grounding: Where the grounded circuit conductor, connected to the optional standby power source is connected to a grounding electrode conductor at a location remote from the optional power source, there shall be a sign at the grounding location that identifies all optional standby power and normal power sources connected at that location.**
6. **In addition to the Generator/Electrical Permit, a separate Gas Permit will be required for natural gas, LP or diesel fuels. Gas contractors can apply for and/or obtain this permit. The application shall include TWO (2) copies of the gas riser diagram/shutoff, type of gas, gas piping materials, and LP tank location.**
7. **Please submit TWO (2) copies of the details for slab and/or tie down connections.**
8. **Generator/Electrical Permit will not be issued without a Gas Permit application.**



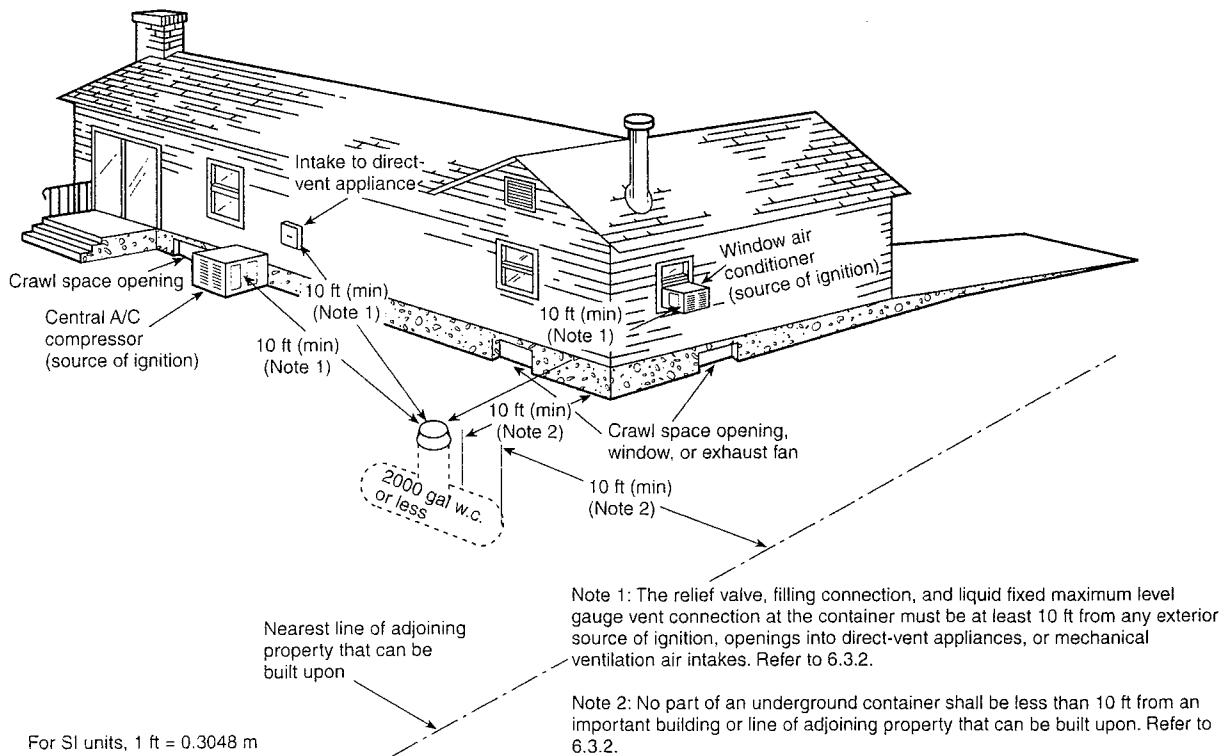
For SI units, 1 ft = 0.3048 m

Note 1: Regardless of its size, any ASME container filled on site must be located so that the filling connection and fixed maximum liquid level gauge are at least 10 ft from any external source of ignition (e.g., open flame, window A/C, compressor), intake to direct-vented gas appliance, or intake to a mechanical ventilation system. Refer to 6.3.9.

Note 2: Refer to 6.3.9.

Note 3: This distance may be reduced to no less than 10 ft for a single container of 1200 gal (4.5 m³) water capacity or less, provided such container is at least 25 ft from any other LP-Gas container of more than 125 gal (0.5 m³) water capacity. Refer to 6.3.3.

FIGURE I.1(b) Aboveground ASME Containers. (This figure for illustrative purposes only; code shall govern.)



For SI units, 1 ft = 0.3048 m

Note 1: The relief valve, filling connection, and liquid fixed maximum level gauge vent connection at the container must be at least 10 ft from any exterior source of ignition, openings into direct-vented appliances, or mechanical ventilation air intakes. Refer to 6.3.2.

Note 2: No part of an underground container shall be less than 10 ft from an important building or line of adjoining property that can be built upon. Refer to 6.3.2.

FIGURE I.1(c) Underground ASME Containers. (This figure for illustrative purposes only; code shall govern.)