



JEFFERSON PARISH LOUISIANA

INSPECTION & CODE ENFORCEMENT DEPARTMENT

PERMITTING AND INSPECTION REQUIREMENTS FOR RESIDENTIAL EMERGENCY GENERATORS

The following documentation and information is required to obtain building permits for emergency/back-up generators for one and two family dwellings.

- 1) Current survey of property.
- 2) Plot plan showing setbacks from property lines. Generator must adhere to zoning and building code requirements. A variance from the Board of Zoning Adjustments is required before permitting, if proposed generator has insufficient setback from property line.
- 3) Written approval from Jefferson Parish Fire Prevention. Contact Dennis Guidry at 736-6207 for East Bank projects, or the appropriate Volunteer Fire Department for River Ridge and West Bank projects. See attached Fire Prevention Requirements and Contact List.
- 4) Generator must meet NFIP Flood Elevation requirements.

After permit is issued, the following is required.

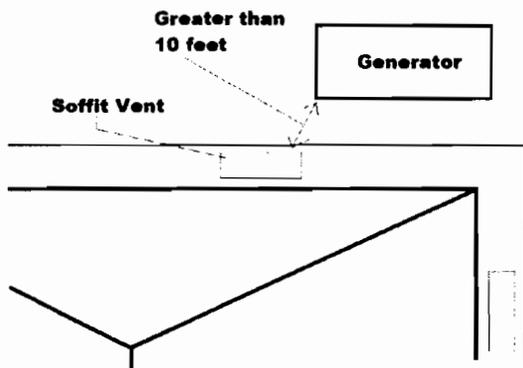
- 1) A Jefferson Parish Licensed electrician must file with the Electrical Section and obtain all required inspection approvals of all electrical installations.
- 2) A Jefferson Parish licensed plumber/gas fitter must file with the Gas Section and obtain all required inspection approvals of all gas installations.
- 3) After approval of electrical and gas inspections, a final building inspection must be requested and approved by the Building Section. (Note: If elevation certificate is required, it must be submitted to the Building Section before final building inspection can be scheduled.)

4.2 Foundations.

Engines shall be supported on foundations or secured to a noncombustible framework.

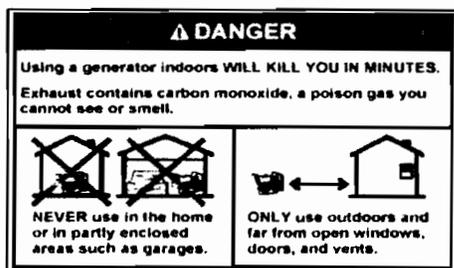
Generators located on elevated framework shall adhere to 4.1.3.3 above.

***Generators in close proximity to structures shall be located a minimum distance of ten feet (10') to eave vents.**



Installations of generators, although located outdoors, may produce harmful exhaust gases. Should a generator be installed in a manner that allows an accumulation of exhaust gases in proximity to places where persons or pets occupy or reside may cause injury or death.

Warning required on portable generators by the US Consumer Products Safety Commission.



Example of a warning for portable generators

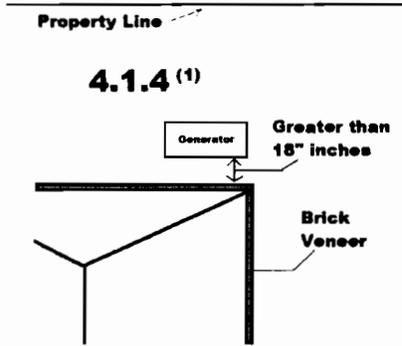
Nothing in this document is intended to prevent the use of systems, methods, or devices of equivalent or superior quality, strength, fire resistance, effectiveness, durability, and safety to those prescribed by this document, provided technical documentation is submitted to the authority having jurisdiction to demonstrate equivalency, and the system, method, or device is approved for the intended purpose.

Any generator which is fueled by either gasoline or diesel must comply with the requirements found in NFPA 30 for the storage and use of flammable and combustible liquids.

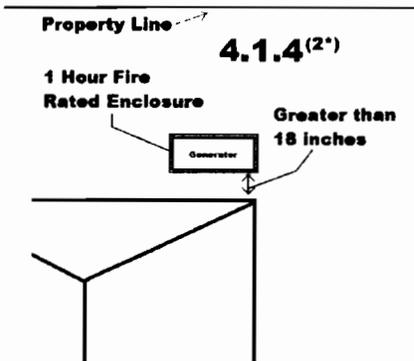
Any generator which is fueled by LPG must comply with the requirements found in NFPA 58 for the storage and use of liquefied petroleum gas.

A minimum separation shall not be required where the following conditions exist:

- (1) The adjacent wall of the structure has a fire resistance rating of at least 1 hour. **In some applications certification from a design professional (state licensed architect or engineer) may be required to satisfy the rating of the wall system. The proximity to walls of structures or any barrier affecting ventilation of the enclosure shall not be less than eighteen inches (18") from any part of the enclosure or in accordance with the manufacturer's recommendations, which ever is most restrictive.**



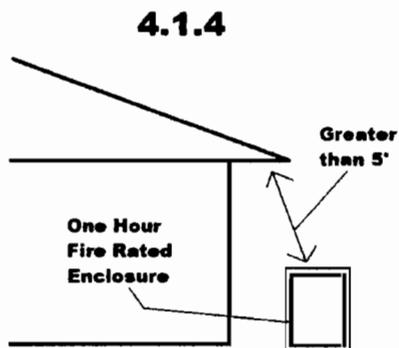
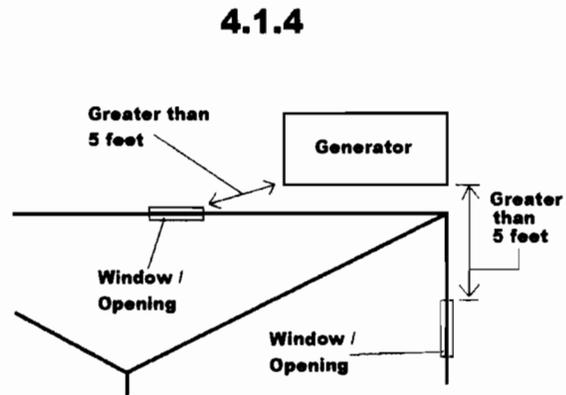
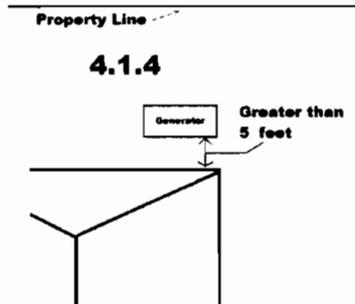
- (2)* The weatherproof enclosure is constructed of noncombustible materials and it has been demonstrated that a fire within the enclosure will not ignite combustible materials outside the enclosure. **Documentation, which illustrates the rating of the model enclosure being installed, shall be submitted for fire department review. The proximity to walls of structures or any barrier affecting ventilation of the enclosure shall not be less than eighteen inches (18") from any part of the enclosure or in accordance with the manufacturer's recommendations, which ever is most restrictive.**



Engines located Outdoors.

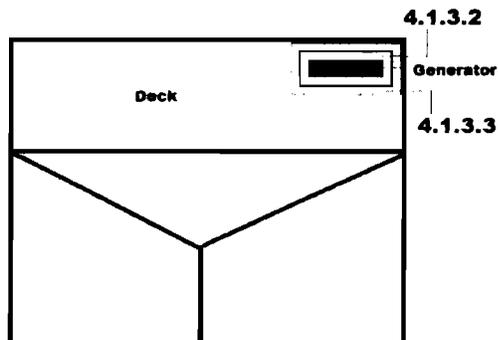
4.1.4 Engines Located Outdoors.

4.1.4 Engines Located Outdoors. Engines, and their weatherproof housings if provided, that are installed outdoors shall be located at least 1.5 m (5 ft) from openings in walls and at least 1.5 m (5 ft) from structures having combustible walls.



4.1.3.2 An oil containment system consisting of a curb or dike having a capacity at least equal to the total capacity of the lubricating oil system or the liquid fuel system, whichever is greater, shall be provided.

4.1.3.3* The surface beneath the engine and beyond the engine and the oil containment dike shall be noncombustible to a minimum distance of 300 mm (12 in.).



Generators located outdoors shall maintain a five feet (5') clearance from structures having combustible walls or openings (doors and windows) in walls. (For the purpose of this section a combustible wall is considered to be those walls having a fire rating of less than 1 hour).

Jefferson Parish Fire Prevention Bureau
Requirements for permanently located and stationary generators
(For One and Two Family Dwellings Only*)

***Generators located on commercial properties must be submitted for a full plan review by the Department of Inspections and Code Enforcement.**

Installation of permanently located and stationary natural gas single fuel generators, are required to be permitted by Jefferson Parish Office of Code Enforcement. The permit process requires that all applications undergo a review and approval from the responsible fire department or fire prevention division for their location. The fire department review will apply the following code, which should be used as a guide to determine if an application should be permitted.

NFPA 37
Standard for the
Installation and Use of Stationary Combustion Engines and Gas Turbines
2006 Edition

Engines located on roofs or decks

4.1.3 Engines Located on Roofs.

4.1.3.1 Engines, and their weatherproof housings, if provided, that are installed on roofs of structures shall be located at least 1.5 m (5 ft) from openings in walls and at least 1.5 m (5 ft) from structures having combustible walls. A minimum separation shall not be required where the following conditions exist:

- (1) The adjacent wall of the structure has a fire resistance rating of at least 1 hour. **The proximity to walls of structures or any barrier affecting ventilation of the enclosure shall not be less than eighteen inches (18") or the manufacturer's recommendations, which ever is most restrictive.**

- (2)* The weatherproof enclosure is constructed of noncombustible materials and it has been demonstrated that a fire within the enclosure will not ignite combustible materials outside the enclosure. **The proximity to walls of structures or any barrier affecting ventilation of the enclosure shall not be less than eighteen inches (18") or the manufacturer's recommendations, which ever is most restrictive**

F.P. Christian Combs, phone # 349-5570

4040 Hwy 90

Hebertwallace@aol.com

Covers Avondale Garden Rd to St. Charles line

WAGGAMAN: 7th district Live Oak Volunteer company
F.P. Martin Palmer, phone # 431-9899
Mpa7560955@aol.com

160 Modern Farms Rd

Covers Vincent Ln to Avondale Garden Rd

MARREIRO: 8TH district Marrero-Harvey volunteer fire company
F.P. Ted Ward, phone #349-5281
808 MacArthur ave
Mhfd801@cox.net

**Covers from river rd to N of Lapalco & Harvey canal to
E of Marrero rd up to Robinson ave**

MARREIRO: 8th district Marrero-Estelle volunteer fire company
F.P. Perry LeBlanc, phone #349-5585
2248 Baratavia blvd
Chief890.aol.com

**Covers Harvey canal to Lapalco toward Westwego
Oak Forest**

MARREIRO: 8th district Marrero_Ragusa volunteer fire company
1400 Berger rd
Asst chief Robert Wilson, phone #349-5586
880@mrv.nocoxmail.com

**Covers Jung blvd to Ames blvd, Westminster,
Lincolnshire**



RIVER RIDGE: 3rd district: Third district volunteer fire department
**Covers River Ridge & part of Metairie, Airline to I-10
& between Roosevelt & David Dr,**
10423 Jefferson Hwy
Captain Keith Juneau, Phone # 738-3258, chief309@aol.com

LAFITTE: 4th district: Lafitte volunteer company, F.P. Ted Bellanger
Phone # 689-2086
2385 Jean Lafitte Blvd
Covers Crown point to lower Lafitte
strobe40@peoplepc.com

TERRYTOWN: 5th district: Terrytown volunteer fire department
Asst chief Valerie Zeringue, phone # 349-5551
341 Heritage ave
Covers New Orleans city limits W to Gretna City limits
V.Zeringue@t5vfd.org

HARVEY: 6TH district: F.P. Capt. Mike Mc Auliffe, phone #364-3762
2225 Lapalco Blvd
**Covers Harvey canal to Gretna line, from river rd in Harvey
to Belle Chasse line in Harvey**
mmcauliffe@hvfc.nocoxmail.com

NINE MILE POINT: 7TH district: Nine mile point volunteer company,
F.P. Paul Hymel, phone #349-5279,
9409 E. Clark Ln
Kajuman2004@yahoo.com
Covers Westwego to Avondale

BRIDGE CITY: 7th district volunteer fire company,
F.P. Thomas Lambert, phone # 349-5570
2220 Bridge City ave
TLambert714@aol.com
**Covers middle of Miss. River to the middle of
Railroad tracks, Hwy 90 to Avondale Garden Rd**

AVONDALE: 7th district volunteer fire company
Chief Robert Funk, phone #349-5574
404 Avondale Garden Rd
Avondalefireco@cox.net
Covers Vincent Lane to St. Charles line