



ISO Class One Department

CITY OF PEMBROKE PINES FIRE- RESCUE
OFFICE OF FIRE PREVENTION
ASSISTANT DIVISION CHIEF
DANIEL ALMAGUER



January 30, 2020

Dear Business Owner:

On January 9, 2020, The Broward County Board of Rules and Appeals voted to adopt a new code section into the Florida Fire Prevention Code Broward County Amendments Code Section F-124 titled: **Uniform Generator Code**.

The purpose of this Code is to provide uniform procedures for the Authorities Having Jurisdiction (AHJ) in Broward County as it pertains to secondary power sources. Any Board and Care occupancy as defined by this Code that is required to receive an inspection from the AHJ as per Florida Statute or the Florida Administrative Code, shall comply with the provisions of this code.

Let this letter serve as a formal notification that your facility must come into compliance with this Code no later than April 30, 2020.

To assist you in the process, we have included an information you should know guide and a copy of the Broward County Amendments Code Section F-124 titled: **Uniform Generator Code** which outlines the requirements.

The City of Pembroke Pines does not endorse any specific manufacturer or vendor; therefore, you are encouraged to seek competitive quotes with a licensed vendor that best suits your needs.

Should you have any questions or need further guidance, our office is readily available to assist you in this process.

Sincerely,

Daniel Almaguer
Assistant Fire Marshal

Enc. 2: Information you should know
Broward County Amendments Code Section F-124 Uniform Generator Code

ADCPVN 2001-001

Pembroke Pines Fire Prevention Bureau
601 City Center Way, 3rd Floor / Pembroke Pines, Florida 33025
(954) 499-9560



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CITY OF PEMBROKE PINES FIRE-RESCUE
OFFICE OF FIRE PREVENTION



Information You Should Know:

Uniform Generator Code Requirements for Board & Care Occupancies

- ✓ On January 9, 2020 the Broward County Board of Rules and Appeals voted to adopt a new code section into the Florida Fire Prevention Code Broward County Amendments, Code Section F-124 titled: **Uniform Generator Code** (effective January 20, 2020).
- ✓ The Uniform Generator Code applies to any Board and Care Occupancy as defined in the Florida Fire Prevention Code Broward County Amendments Section F-1012.2 N. Board and Care Occupancy. *An occupancy used for lodging and boarding of residents, not related by blood or marriage to the owners or operators, for the purpose of providing personal care.*
- ✓ Previously approved portable generators are not considered to be in compliance with this Code.
- ✓ Existing approved, non-conforming installations (i.e. stationary generators) shall be deemed compliant with this code unless the AHJ determines that non-conformity presents a distinct hazard to life.
- ✓ Generators shall be National Fire Protection Association (NFPA) 110, *Standard for Emergency and Standby Power Systems* compliant.
- ✓ Submittal of the plans and a permit application shall be made by a qualified and licensed contractor to the City of Pembroke Pines Building Department for review and approval of a permit prior to the installation of a generator.
- ✓ Compliance with this Code shall be no later than **April 30, 2020**.

For questions, contact the Fire Prevention Bureau at (954) 499-9560, Monday through Thursday from 7:00 am to 6:00 pm.

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Broward County Local Amendments to the Florida Fire Prevention Code

SECTION F-101 GENERAL

F-101.1— Title. These regulations shall be known as the Broward County Local Fire Code Amendments to the Florida Fire Prevention Code (FFPC).

F- 101.2 - Scope. The provisions of this Chapter shall govern the administration and enforcement the FFPC and the Fire Protection Provisions of this Code and shall apply countywide in both incorporated and unincorporated areas of Broward County, Florida. The provisions of this code shall apply to new and existing buildings or structures, equipment, installations, construction, alteration, movement, enlargement, replacement, repair, use and occupancy, location, maintenance, removal and demolition of every building or structure or any appurtenances connected or attached to such buildings.

F-101.2.1 Appendices or Annexes: Provisions in the appendices or Annexes shall not apply unless specifically adopted by Florida Statute 633.

F-101.2.2 Definitions:

- A. **AHJ** means Authority Having Jurisdiction shall be a federal, state, local organization, office or individual responsible for enforcing the requirements of this code as found in Chapter 1.
- B. **BCFCC** means Broward County Fire Code Committee
- C. **BORA** means the Broward County Board of Rules and Appeals
- D. **Engineer** means licensed professional engineer, licensed in the State of Florida
- E. **FBC** means the Florida Building Code
- F. **FFPC** means the Florida Fire Prevention Code including the Broward County Local Fire Amendments to the Florida Fire Prevention Code
- G. **State** means State of Florida
- H. **Fire Code Manager/Administrator** means a person certified by the State Fire Marshal Office as meeting the provisions found in NFPA 1037 and means Fire Marshal / Fire Code Official.
- I. **Fire Service Provider** means Fire Department
- J. **Door / Door Assembly;** when used for fire service provider access as referred to in this code or the FFPC, except in chapters where other configurations are specifically

permitted, shall mean a side hinged, swinging type egress exterior door / door assembly that can be opened from the outside and that provides access to the interior of the dwelling unit or building.

K. AHCA: Agency for Health Care Administration

L. APD: Agency for Persons with Disabilities.

M. Class: The class defines the minimum time, in hours, for which the EPSS is designed to operate at its rated load without being refueled or recharged.

N. Board and Care Occupancy. An occupancy used for lodging and boarding of residents, not related by blood or marriage to the owners or operators, for the purpose of providing personal care services.

O. Legally Required Standby Generator: Those systems required and so classed as legally required standby secondary power sources by municipal, state, federal, or other codes or by any governmental agency having jurisdiction. These systems are intended to automatically supply power to selected loads (other than those classed as emergency systems) in the event of failure of the normal source.

P. Emergency Generators Systems: Those systems legally required and classed as emergency by municipal, state, federal, or other codes, or by any governmental agency having jurisdiction. Those systems are intended to automatically supply illumination, power, or both, to designated areas and equipment in the event of failure of the normal supply or in the event of accident to elements of a system intended to supply, distribute, and control power and illumination essential for safety to human life.

Q. EPS: Emergency Power Supply. The source of electric power of the required capacity and quality for an emergency power supply system (EPSS).

R. EPSS: Emergency Power Supply System. A complete functioning EPS system coupled to a system of conductors, disconnecting means and overcurrent protective devices, transfer switches, and all control, supervisory, and support devices up to and including the load terminals of the transfer equipment needed to operate as a safe and reliable source of electric power.

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S. Permit: A document issued by the AHJ for the purpose of authorizing performance of a specified activity.

T. Plans: Plans are required for new construction, modification, or rehabilitation, construction documents and shop drawings and shall be submitted, reviewed and approved prior to the start of such work. Plans shall be prepared by a licensed Florida professional engineer.

U. Qualified Person: One who has skills and knowledge related to the operation, maintenance, repair, and testing of the EPSS equipment and installations and has received safety training to recognize and avoid the hazards involved.

F-101.3 - Intent. The purpose of the FFPC is to establish the minimum requirements to safeguard the public health, safety and general welfare through structural strength, means of egress, facilities, stability, sanitation, adequate light and ventilation, energy conservation, and safety to life and property from fire and other hazards attributed to the built environment including alteration, repair, removal, demolition, use and occupancy of buildings, structures or premises, and by regulating the installation and maintenance of all electrical, gas, mechanical and plumbing systems, which may be referred to as service systems and to provide safety to fire fighters and emergency responders during emergency operations.

F-101.4 - Violations and Penalties. Any person, firm or corporation, who shall violate a provision of the FFPC or a Fire Protection Provision of this Code or fail to comply therewith, or with any of the requirements thereof, shall be guilty of a misdemeanor. Each such person shall be deemed guilty of a separate offense for each and every day or portion thereof during which any violation of any of the provisions of the FFPC or any Fire Protection Provisions of this Code is committed or continued, and upon conviction of any such violation, such person shall be punishable by a fine of not less than fifty (\$50) nor more than five hundred (\$500) dollars, or by imprisonment not exceeding sixty days, or by both such fine and imprisonment.

F-101.5--- Quality control. Quality control of materials and workmanship is not within the purview of the FFPC or this Code except as it relates to the purposes stated herein.

F-101.6--- Referenced Codes. The other codes listed in and referenced elsewhere in the FFPC, all Fire Codes, and the Fire Protection Provisions of this Code shall be considered part of the requirements of the FFPC to the prescribed extent of each such reference.

F-101.6.1 Fire prevention. For provisions related to fire prevention, refer to the FFPC as referenced in Florida Statute 633, Broward County Local FFPCs as adopted and the Fire Protection Provisions of this Code as referenced above. The FFPC shall apply to matters affecting or relating to structures, processes and premises from the hazard of fire and explosion arising from the storage, handling or use of structures, materials or devices; from conditions hazardous to life, property or public welfare in the occupancy of structures, or

premises; and from the construction, extension, repair, alteration or removal of fire suppression and alarm systems or fire hazards in the structure or on the premises from occupancy or operation.

SECTION F-102 Applicability

F-102.1 General. Where, in any specific case, different sections of this Code specify different materials, methods of construction or other requirements, the most restrictive shall govern. Where there is a conflict between a general requirement and a specific requirement, the specific requirement shall be applicable.

F-102.1.1 FFPC and the Fire Protection Provisions of this Code, does not apply to, and no code enforcement action shall be brought with respect to, zoning requirements, land use requirements and owner specifications or programmatic requirements which do not pertain to and govern the design, construction, erection, alteration, modification, repair or demolition of public or private buildings, structures or facilities or to programmatic requirements that do not pertain to enforcement of, FFPC and Fire Protection Provisions of this Code.

SECTION F-103 Fire Chief, Bureau of Fire Prevention, Fire Marshal, Fire Code Official, Fire Plans Examiner, and Fire Inspector

F- 103 — Bureau of Fire Prevention: A Bureau of Fire Prevention shall be established within the Fire Service Provider/Fire Department, under the direction of the Fire Chief, which shall consist of such Fire Service Provider/Fire Department personnel as may be assigned thereto, by the Fire Chief, in accordance with the requirements prescribed herein. The function of this bureau shall be to assist the Fire Chief in the administration and enforcement of the FFPC, Fire Protection Provisions of this Code, and the Fire Protection Provisions of this Chapter. Personnel assigned to the bureau as the Fire Marshal / Fire Code Official, Fire Plans Examiner, and/or Fire Inspector shall be certified by BORA.

F-103.1 — Appointment of Fire Marshal/ Fire Code Official: There shall be appointed by the Fire Chief certain fire prevention personnel to be qualified as set forth in this Chapter as part of the FFPC to be qualified as Fire Marshal / Fire Code Official. Personnel assigned to the bureau as Fire Marshal / Fire Code Official, Fire Plans Examiner, and / or Fire Inspector shall be State Certified Firefighters, State Certified Fire Inspectors, and certified by BORA. For state certification and recertification refer to Florida State Statute 633.

F- 103.2 Powers and Duties of a Fire Marshal /Fire Code Official: The Fire Chief shall duly authorize his/her representative of the Fire Service Provider/Fire Department to exercise the powers and perform the duties of the Chief. He/she shall also be known as Fire Marshal/Fire Code Official. The Fire Marshal/Fire Code Official shall be authorized and directed to enforce the Fire Protection

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F-122.7.3 Cylinders shall be retested every 5-12 years in accordance with the manufacturer's recommendations and 49 CFR 180.205.

- a. No letter after the requalification date means the cylinder must be retested within 12 years.
- b. An "S" after the requalification date means the cylinder must be retested within 7 years.
- c. An "E" after the requalification date means the cylinder must be retested within 5 years.

F-122.8 Leak Detection

F-122.8.1 A test gauge shall be installed at or before the regulator for means of leak detection. Pressure shall be observed for a minimum of 3 minutes with no drop in pressure. Propane tanks, hoses and fittings shall be free of leaks. Documentation that the system is free of leaks shall be kept in a binder and readily assessable for the AHJ upon request.

F-123 Permanently Installed Cooking Exhaust Systems

F-123.1 Cooking Exhaust Systems: Cleaning of Cooking Exhaust Systems shall be in compliance with NFPA 96 and the following.

F-123.2 Cooking ventilation systems shall be inspected for grease buildup by a person meeting the training requirements as set forth by International Kitchen Exhaust Cleaning Association (IKECA) or other nationally recognized exhaust system cleaning association acceptable to the AHJ in accordance with NFPA 96, Section 11.6.1.

F-123.3 Certification of training shall be submitted to the Local AHJ prior to cleaning operations taking place.

F-123.4 The completed inspection or cleaning report as found in NFPA 96, 11.6.14 shall be provided to the owner and a copy along with photos taken prior to cleaning and after cleaning shall be submitted to the local AHJ.

F-124 Uniform Generator Code

F-124.1 Scope The purpose of this document is to provide uniform procedures for the AHJs' in Broward County as it pertains to secondary power sources. Any Board and Care occupancy as defined by the provisions of this code that is required to receive an inspection from an AHJ as per Florida

State Statute or the Florida Administrative Code, shall comply with the provisions of this code.

F-124.2 Referenced Publications:

NFPA 1, Fire Code

NFPA 30, Flammable and Combustible Liquids Code

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

NFPA 54, National Fuel Gas Code

NFPA 58, Liquefied Petroleum Gas Code

NFPA 70, National Electrical Code

NFPA 72, National Fire Alarm and Signaling Code

NFPA 110, Standard for Emergency and Standby Power Systems

NFPA 111, Standard on Stored Electrical Energy Emergency and Standby Power Systems

NFPA 720, Standard for the Installation of Carbon Monoxide (CO) Detection and Warning Equipment

Florida Administrative Code 58A-5.036 for Assisted Living Facilities

Florida Administrative Code 59A-4.1265 for Nursing Homes

Florida Building Code

F-124.3 General:

F-124.3.1 Existing approved, non-conforming installations shall be deemed compliant with this code unless the AHJ determines that non conformity presents a distinct hazard to life.

F-124.3.2 All facilities shall store a minimum of seventy-two (72) hours of fuel onsite and be able to show proof (such as a fuel service contract) of a reliable method to obtain the additional twenty-four (24) hours of fuel within forty-eight (48) hours of a declared State of Emergency.

F-124.3.3 If local ordinances or other regulations limit the amount of onsite fuel storage at the location of the facility, then the owner/operator shall develop a plan that includes maximum onsite fuel storage allowable by the ordinance or regulation and a reliable method to obtain the maximum additional fuel at least 24 hours prior to the depletion of the onsite fuel.

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F-124.3.4 Storage of any fuels shall be compliant with the applicable National Fire Protection Association's (NFPA) codes and standards.

F-124.4 Minimum Permit Submittal Requirements:

F-124.3.5 Other fuel sources shall be permitted in conformance with the NFPA 54 and 58 as currently adopted.

F-124.4.1 The following is a list of the minimum required information that shall be submitted to the AHJ for review:

- A) Plans shall be submitted for permitting, with details and manufacturer specifications that demonstrate compliance with all applicable NFPA codes and standards. The submittal shall be made by a qualified and licensed contractor.
- B) All generators shall be NFPA 110 compliant.
- C) Plans shall clearly identify the class, type, and level of the generator.
- D) A site plan shall be provided indicating the location of the emergency generator in relation to the building openings as well as adjacent building openings, exit discharges, the fuel source type, and the automatic transfer switch.
- E) The location of the manual emergency shut off shall be clearly identified on the plans. The emergency shut off shall be readily accessible at all times, identified with permanent weatherproof signage, shall be readily visible to emergency responders, and the location shall be approved by the AHJ.
- F) Plans shall demonstrate that the fuel supply can accommodate the specific EPS class and time duration identified on the plans.
- G) Physical protection of the fuel source and generator when located in areas subject to vehicular traffic shall be clearly identified.
- H) A remote generator annunciator shall be installed at a continuously attended location and indicated on the plans, approved by the AHJ.
- I) A signed generator maintenance contract shall be submitted, maintained, and made available to the AHJ upon request.
- J) Carbon monoxide protection shall be installed in accordance with NFPA 720. The location(s) of Carbon Monoxide Alarms shall be indicated on the plans.

F-124.5 Inspection and Testing

- A) Emergency Power Supply Systems' (EPSS), including all appurtenant components, shall be inspected weekly and exercised under load at least monthly.
- B) The facility owner shall ensure that the EPSS is properly maintained and serviced not less than

annually by a qualified person or contractor in accordance with the manufacturer's specifications.

F-124.6 Records Retention

- A) Each facility shall provide a binder which contains a log of weekly inspections and monthly load exercise. The owner or their agent is responsible for the proper recording of this information.
- B) The binder shall also include a copy of the annual service agreement as well as the most current annual service report.
- C) This binder shall be made readily accessible to the AHJ upon request.