Village of Bronxville – Building Department

200 Pondfield Road, Bronxville, NY 10708
Telephone: (914) 337-7338

Application for Emergency Generator Installation

FILING FEE: $100 Plus $15/kWh or $15/$1,000 of estimated cost or part thereof whichever is greater

Submission Requirements:

- **Emergency Generator Permit Application, Plumbing Permit Application and Electrical Permit Application must be submitted together. APPLICATIONS WILL NOT BE ACCEPTED SEPARATELY.**

Insurance Requirements

Liability Insurance: ONLY liability insurance is permitted on the ACORD form.

Workman's Comp Insurance, ONLY the following forms are acceptable:

- **CE-200** - Certificate of Attestation of Exemption from NYS Workers' Comp and/or Disability Benefits Coverage
- **C-105.2** – Certificate of Workers' Compensation Insurance (Note: the State Insurance Fund
  - provides its own version of the form – the **U-26.3**)
- **SI-12** – Certificate of Workers' Compensation Self-Insurance
- **GSI-105.2** – Certificate of Participation in Workers' Compensation Group Self-Insurance

Disability Insurance, ONLY the following forms are acceptable:

- **CE-200** - Certificate of Attestation of Exemption from NYS Workers' Comp and/or Disability Benefits Coverage
- **DB-120.1** – Certificate of Disability Benefits Insurance
- **DB-155** – Certificate of Disability Benefits Self-Insurance

Certificate holder must be listed as: Village of Bronxville, 200 Pondfield Rd, Bronxville, NY 10708

(1) One complete submission set including:

- Site plan drawings drawn to scale, based on a current survey, showing the following:
- Location of the proposed generator with setback dimensions to all property lines.(Minimum 5'-0)
- Dimension to the nearest combustible wall.
- Dimension to the nearest windows, door and air inlets. Submit photograph of proposed location.
- Building setback distances from each property lines. (See regulations for generators below).
- Location of gas meter and generator fuel supply piping
- Location of the electric meter, emergency transfer switch, and electrical/emergency distribution Panels.
- Completed Electrical Permit Application with insurances and fee.
- Completed Plumbing Permit Application with insurances and fee.

Once approved you must submit (2) additional complete collated sets.

- ✓ Catalogue cut sheets/technical data for the proposed generator including sound data (to be highlighted)
- ✓ If required to comply with noise limitations a supplemental acoustical enclosure plan designed and stamped by a qualified acoustical engineer will be required.
- ✓ Smoke detectors [if hard wired] and the alarm system [if dwelling has one] are to be connected into the generator panel to protect the occupants in case of an emergency.
- ✓ If the generator manufacturer's specs indicate that CO detectors are to be installed then CO detectors are to be provided, detectors are to be included on the electrical application. An inspection of the house may be made to verify that they are installed per these manufacturer's specs.
- ✓ If requested upon completion of the project (prior to the issuance of a Certificate of Occupancy), a Certification of Compliance with the Maximum Noise Level of 65 decibels must be filed with the Building Department. Persons conducting noise measurements for Certification of Compliance shall be trained in the techniques of sound measurement and the operation of sound level meters and instruments and certified to perform the testing in accordance with the American National Standards Institute (ANSI) specifications. · All measurements shall be made with a sound level meter which is in conformance with the American National Standards Institute (ANSI S1.4) specifications.

Type:

Permanent **emergency only** generators customarily incidental to the residential use being for the exclusive use of the occupants of such principal or accessory building and their guests, provided that said use is consistent with the public health, safety and welfare of the community.

Location:

Generators must be located within the side or rear yard and are not permitted in a front yard. Generators are required to have a **minimum setback distance of 5' -0"**. Generators or generator enclosures more than 6'-6" high measured from finished grade are required to comply with the setback distances requirements for buildings.

All permanently installed back up emergency generators shall be placed so as to minimize the visual impact on adjacent properties with the use of appropriate sound attenuating architectural materials and landscaped screening.

The generator shall be used only during electrical power outages and as required by the manufacturer for maintenance purposes. Maintenance operation shall only take place during weekday daylight hours between the hours of 10:00 a.m. and 5:00 p.m., not to exceed once a week for a maximum period of 45 minutes.

Generators are required to be placed a minimum of 5'-0" from any combustible wall, as per Sect. 4.1.4, NFPA 37, except as otherwise approved.

Generators are required to be placed a minimum of 5'-0" away from any opening in a building. Openings are defined as windows, doors, and vents [dryer, bathroom, kitchen hood exhausts, etc;]. Units that are permitted to be placed closer than 5'-0" per the manufacturer's specs and test data are still required to be 5'-0" from these openings. (See attached sketch)

Noise Level:

Generator noise levels may not exceed **65** decibels at any property boundary. If proposed location will result in higher decibel reading then a supplemental acoustical enclosure designed by a licensed acoustical engineer must be submitted.

All property owners with a permanent emergency backup generator shall be required to certify to the Building Department upon request that their permanent emergency backup generator has been inspected by an acoustical engineer who has certified that the generator does not exceed **65 decibels** as measured from the nearest property line.

Fuel:

The generator shall operate only on natural gas (other fuel sources are not permitted, unless natural gas is not available). Natural gas is considered available if utility gas distribution piping is available in proximity to the property and natural gas service can be provided.

All work related to the emergency generator and fuel source installation must be completed in compliance with the New York State Building Code, the New York State Plumbing Code, and the New York State Fuel Gas Code. A separate Plumbing permit for a fuel gas source **must** be filed by a Westchester County Licensed Plumber.

Electrical Safety:.

All work related to the emergency generator installation must be completed in compliance with the *National Electrical Code* (NEC), NFPA 70-2008. A separate Electrical Permit **must** be filed by a Westchester County Licensed Electrician.

All electrical panels connected to generator shall be clearly labeled as the “Emergency Panel”. The electric meter and the main electrical panel are required to have a “plaque” indicating the generator location, in accordance with the requirements of the Residential Code of New York State (RCNYS)

19NYCRR 1220 – Residential Code of New York State (RCNYS), Generator Signs are required to be installed as **required** in the *National Electrical Code* (NEC), NFPA 70-2008, referenced standard in the Residential Code of New York State (RCNYS) as follows:

NEC Section 700-8(a), Emergency Sources: A sign shall be placed at the service entrance equipment indicating type and location of on-site emergency power sources.

NEC Article 700 – Emergency Systems. Section 700-1: Emergency systems are those systems legally required and classed as emergency by municipal, state, federal, or other codes, or by any governmental agency having jurisdiction.

Electrical Bonding Requirements

All emergency generator installations to be electrically bonded in accordance with **§FG310 Electrical Bonding.** As outlined below:

AN ELECTRICAL BONDING APPROVAL MUST BE LISTED ON THE FINAL ELECTRICAL APPROVAL CERTIFICATE.

§FG310.1 Gas pipe bonding - systems that contain no CSST. In the case of a gas piping system that contains no corrugated stainless steel tubing (CSST), each above-ground portion of the gas piping system that is likely to become energized shall be electrically continuous and bonded to an effective ground-fault current path. Gas piping shall be considered to be likely to become energized if any gas utilization equipment is connected to any portion of the gas piping system and to any electrical circuit(s). For the purposes of this §FG310.1, gas piping shall be considered to be bonded to an effective ground-fault current path if such gas piping is connected to gas utilization equipment that is connected to the equipment grounding conductor of the circuit supplying that equipment. Nothing in this §FG310.1 shall prohibit the bonding a gas piping system that contains no CSST in any manner described in §250.104(B) of NFPA 70.

§FG310.2 Gas pipe bonding - systems that contain CSST. A gas piping system that contains any corrugated stainless steel tubing (CSST) shall be electrically continuous and shall be directly bonded to the electrical service grounding electrode system of this code. No portion of the gas piping system shall be used as or considered to be a grounding electrode or a grounding electrode conductor. CSST shall be installed and bonded in accordance with §FG310.2, and the stricter of: (a) the requirements set forth in the CSST manufacturer's installation instructions, or (b) the requirements set forth in §FG310.2.1, §FG310.2.2, §FG310.2.3, and §FG404.5 of this code

Portable Temporary Generators

Portable Temporary (non-permanent standby generators) are permitted provided that said use is consistent with the public health, safety and welfare of the community.

Hours of Operation:

The generator shall be used only during electrical power outages and as required by the manufacturer for maintenance purposes. Maintenance operation shall only take place during weekday daylight hours between the hours of 10:00 a.m. and 5:00 p.m., not to exceed once a week for a maximum period of 45 minutes.

Location:

Portable generators are required to be placed a minimum of 5'-0" from any combustible walls and 5'-0" from any opening in a building, unless a greater distance is required by the manufacturer.

Openings are defined as windows, doors, and vents [dryer, bathroom, kitchen hood exhausts, etc;].

Noise Level:

Generator noise levels may not exceed 65db at any property boundary. If proposed location will result in higher decibel reading, or with such volume, particularly between 11:00 p.m. and 6:00 a.m., as to annoy or disturb the comfort or repose of others, the generator may not be operated between the hours of **11:00 p.m.** and **6:00 a.m.**

Fuel:

All portable generator fuel to be stored in approved storage containers.

Electrical Safety:

All work related to the connection of the temporary emergency generator installation must be completed in compliance with the *National Electrical Code* (NEC), NFPA 70-1999. A separate Electrical Permit **must** be filed by a Westchester County Licensed Electrician.

Village of Bronxville – Building Department
200 Pondfield Road, Bronxville, NY 10708
Telephone: (914) 337-7338 Fax: (914) 337-0158

Application for Emergency Generator Installation

FILING FEE: $100 Plus $15/kWh or $15/$1,000 of estimated cost or part thereof whichever is greater)

Property Information:

Property Location: House No. _____ Street Name _____

Property Owner: First Name _____ Last Name _____ Middle Initial _____

Mailing Address _____

City _____ State _____ Zip _____ - _____

Telephone: Cell/Home (_____) _____ Email: _____

The undersigned requests that a permit be issued to perform the installation described herein and more fully described in the specifications and plans accompanying this application. Such work shall conform with all applicable provisions of the Building Code, Building Zone Ordinance and other ordinances of the Village of Bronxville.

Signature of Owner: _____ Date: _____

Submission Requirements:

PLUMBING AND ELECTRICAL PERMIT APPLICATIONS MUST BE SUBMITTED ALONG WITH GENERATOR APPLICATION. Submit full size site plan showing location of generator on lot with dimensions, GENERATOR NOISE LEVEL NOT TO EXCEED 65db AT ANY PROPERTY BOUNDRIES AND MAY NOT BE PLACED IN A FRONT YARD, indicate generator dimensions including height. Submit catalog cut/technical data of proposed generator including sound data.

GENERATOR LOCATION (1)	TYPE OF FUEL	MANUFACTURER MODEL NUMBER AND CAPACITY (KW)	GENERATOR DIMENSIONS (LENGTH, HEIGHT AND WIDTH)	NOISE OUTPUT (DB) & DISTANCE MEASURED (FEET)

Separate plumbing and electrical permits to be filed by Westchester County licensed trades.
Sound level testing may be required, report to be prepared by qualified acoustical professional.

ESTIMATED COST: $ _____ **FEE: $** _____ ($15/ kWh or $15/$1000 ESTIMATED COST or PART THEREOF WHICH EVER IS GREATER)

Contractor/Installer Information:

Company Name: _____ Westchester Contractor Number: _____

First Name _____ Last Name _____ Middle Initial _____

Mailing Address _____

City _____ State _____ Zip _____ Telephone No.: (_____) _____

Office Use Only							
Date Received	Application No.	Section	Block	Lot	Permit #	Fee Paid	Date Approved