

## **Guidelines for Standby Generators**

### **Requirements:**

- All installations, conduits sizes, wire sizes and other provisions shall be per the 2002 National Electric Code as amended, and Commonwealth Edison requirements.
- When upgrading a service, the minimum size shall be one hundred (100) amps with 1-1/4" galvanized rigid conduit, aluminum rigid conduit, or IMC.
- All outside service conduits including the entrance conduit to the panel shall be galvanized rigid conduits, aluminum rigid conduit, or IMC
- All services shall be installed with a main breaker in the electrical panel. An outside service disconnect breaker is required at the meter if the panel is more than 5'-0" from the meter.
- The electrical panel must be grounded to the street side of the water meter with a bonding jumper directly across the meter. Along with an exterior 8'-0" long 5/8" diameter copper clad steel ground rod with a conductor connected with an acorn direct burial ground clamp. [100 amp- #8 wire] [200 amp- #4 wire]. Ground conductors to be un-spliced and shall be bonded to all main disconnect enclosures.
- Follow the manufacture's torque requirements when terminating at the meter and the main circuit breaker.
- Install grounding bushings with bonding jumper when using eccentric knockouts.
- All branch circuits must be identified in panels.
- Used openings in boxes, equipment cases, etc. shall be effectively closed to afford protection substantially equivalent to the wall of the equipment.
- Where outlets are added or replaced in bathrooms, countertops, islands in kitchens, general-purpose receptacles in basement, garages, or outdoor receptacles, they must be GFI protected.

**Contractor Registration:** All contractors doing work within the City of Lockport are required to be registered. A copy of a City of Lockport Certificate of Registration is required to be submitted with all applications.

\*\*If you are doing the work as the homeowner, registration is not required.

# CITY OF LOCKPORT

## Standby Generator Permit Form

**(Please print legibly)**

Applicant: \_\_\_\_\_ Phone: \_\_\_\_\_

Address of installation: \_\_\_\_\_

Property Owner: \_\_\_\_\_

Address (if different from above): \_\_\_\_\_

Residential \_\_\_\_\_ Commercial \_\_\_\_\_

Historic District? Yes \_\_\_\_\_ No \_\_\_\_\_

Size of generator \_\_\_\_\_(Kw)

Type of fuel \_\_\_\_\_

Existing service size \_\_\_\_\_(Amperes)

No. of circuits Upgrade \_\_\_\_\_

Service size being installed: \_\_\_\_\_ # of Services \_\_\_\_\_

Will there be any other electrical work? If so explain: \_\_\_\_\_

Estimated Construction Value:\$ \_\_\_\_\_

Contractor: \_\_\_\_\_

Contractor Registration #: \_\_\_\_\_

**\*\*Please remember to attach a copy of a City of Lockport Certificate of Registration\*\***

**I hereby certify that I have read, understand, and agree to conform to all governing information and regulations set forth by the City Council of Lockport.**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**FOR OFFICE USE ONLY**

Permit #: \_\_\_\_\_

Permit Fee: \_\_\_\_\_

Issued By: \_\_\_\_\_

Date Issued: \_\_\_\_\_

Comments: \_\_\_\_\_