



THE VILLAGE OF NORTH PALM BEACH
COMMUNITY DEVELOPMENT DEPARTMENT
420 U.S. HWY 1 • SUITE 21 • NORTH PALM BEACH, FLORIDA 33408
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RESIDENTIAL GENERATOR PERMITTING CHECKLIST

ART.702 N.E.C. 2008 EDITION

SUBCONTRACTOR AFFIDAVITS FOR GAS **MUST** BE SUBMITTED AT THE SAME TIME OF INTIAL APPLICATION, TWO SETS REQUIRED FOR EVERYTHING BELOW

- **SITE SURVEY DRAWING:** Show generator and fuel tank location with fuel lines. Show location of all windows and doors near the generator exhaust (generator shall be 10 feet from all windows and doors including the neighbors house).
- **SLAB DRAWING:** Show slab size, depth of slab and type of reinforcement used. Specify generator anchor details to meet Florida Building Code and Wind Loads of 170 MPH engineering may be required. Generator spacing from building shall be by manufacturer's specifications.
- **RISER DRAWING:** Provide an electrical riser drawing, complete with service, panel (s), transfer switch, main disconnect (s) and generator installation, show wire sizes. Provide load calculations for determining the size of transfer switch and generator.
- **GENERATOR:** Provide complete specifications on generator with KW Rating (available ampacity of generator) and type of fuel being used.
- **TRANSFER SWITCH:** Required for all generators per N.E.C. 702.6 A portable generator requires a listed cord and plug connection to building.
- **MANUAL TRANSFER SWITCH: (OPTIONS)**
 - A. Sized for the entire load on the service or,
 - B. Sized for dedicated optional standby N.E.C. 702 Panel (s) which may be built into the panel as a transfer switch with mechanical interlock or a separate transfer switch. All loads to be serviced must be identified. Load calculations need to be included. If cord connected, the receptacles shall be sized for at least the corresponding over current protection at the generator, or other overcurrent protection device in front of the receptacle, not to exceed the output capacity of the generator.
- **AUTOMATIC TRANSFER SWITCH: (OPTIONS)**
 - A. Sized to transfer the entire load, or
 - B. Pre-select the loads to be served with an optional standby panel and transfer switch.
 - C. Provide automatic load shedding to reduce total load imposed on generator (not to exceed output capacity of generator).
 - D. Use N.E.C. 220.35 calculation for determining existing load.
- **SOUND LIMITS:** The decibel level shall not exceed the 74 db level (@ property line) established by the Village of North Palm Beach Ordinance 12-2005.
- **SIGN:** A sign shall be placed at the service-entrance equipment that indicates the location of on-site optional standby power sources per N.E.C. 702.8.