



Generator Specifications- Residential

All generators require review and approval for zoning and building compliance

- *Identify if the generator will be providing whole house power or power to essential circuits only
- *Identify if the generator will have an automatic or manual transfer switch
- *Identify if the generator is powered by natural gas
- *Gas piping requirements- if you are purchasing a generator powered by natural gas, the natural gas requirements must be included in your submittal. Please list the type and size of all new gas piping, length of new gas piping, shut off valves, and pressure regulators (if required). Additionally, information on the natural gas requirements of your existing gas appliances is needed to ensure the existing gas piping and meter is adequately sized to handle the increased natural gas demands
- *Code requirements and most generator installation instructions require (5) five foot of clearance from any combustible materials in the event of a fire and (5) five feet from any openings to the dwelling to prevent exhaust gases from entering. Additionally this clearance will help with air flow and cooling of the generator
- *Some generators come with a mounting pad and others require a concrete pad, either way you need to select a flat location that is normally dry and has provisions for water drainage
- *Before purchasing a natural gas powered generator inquire about the gas pressure and needs of the proposed generator. Some generators require gas pressure to be greater than the standard delivery pressure available to your home. If the gas pressure requirements exceed the delivery pressure, you may have to install a new high pressure gas meter and pressure regulator to drop the gas pressure to the normal level for the rest of your gas appliances

Generator Permit Application Materials

- *Drop off or mail to our office
- *Completed building permit application
- *Two (2) sets of installation instructions from the manufacturer
- *General notes & calculations
- *Plot plan/site plan showing the location of the proposed generator, existing structures on lot, and the distance/dimensions of the proposed generator from the property line

Inspections

- *Rough gas inspection (piping) – prior to the burial or concealment of any gas or LPG piping
- *Final gas
- *Underground electric
- *Rough electric
- *Final electric

Fees

- *Res misc fee = \$35.00
- *Zoning fee = \$40.00
- *Electric fee = \$50.00
- *state 1%= \$.85

Checks made payable to the City of Delaware. Payment due after approval.