ABINGTON TOWNSHIP

Residential Generator Requirements

The generator may not produce more than 75 decibels at the property line and shall be installed in accordance with the manufacturer's installation instructions regarding clearances to combustibles, windows and intake vents. A PECO meter review should be completed by the contractor and submitted to PECO for the confirmation that the meter and supply line is adequate. A copy of the completed PECO meter review is required to be submitted for permit. A gas line diagram is required to be submitted with the permit application and a plot plan indicating the location of the generator unit in relation to the property line, building, windows and mechanical air intake. Manufacturer installation specifications are required to be submitted for the generator unit and all electrical equipment.

There are 2 permits required:

Mechanical {General Building Permit Application}- includes generator unit and gas piping. Cost of Job should be for those only.

Electrical {Electric Permit Application}- includes all electrical equipment and wiring. Cost of Job for electric only.

Mechanical permit fee is # 15 on fee schedule + $50.00 Plan Review fee + $4.00 State fee.

Electrical permit fee is # 17 on fee schedule + $4.00 State fee

Gas Pipe Sizing Information

A gas line diagram is required for all additions to a gas system.

1. Note the type of pipe

   Type of pipe: black iron
   copper tubing
   corrugated stainless steel
   polyethylene plastic pipe
   or any other approved PA. UCC. Material

2. Note design method

   Longest length method: length of pipe from meter to farthest appliance

   Branch line System: length of main & length of each branch

   Manifold System: length of main from meter to Manifold. Length of each individual branch

   (alternative sizing methods requires complete documention)

3. Draw a simple diagram

   Gas line drawings showing branches and appliances as they actually occur.

4. List the BTU of each applicance

5. Inlet pressure from the meter information required

   The basic low pressure sizing scale is,

   Inlet Pres. Less than 2 psi.-Pres. Drop, 0.5 in WC.- SP Gravity. 060

A PECO gas meter review is required for all additions that could increase the Building's gas main size. (PECO- 215-956-3270)

All PA UCC. Current codes are applicable. (2009 IFGC)
Obtain a code book from (icsafe.org) or other dealer.