

## **Guide for Back-up Generators & Solar Photovoltaic Systems**

Submit a completed Construction Permit Application

Submit payment of \$50.00 payable to "Bernards Township" for Zoning Permit.

Submit **2 copies** of manufactures specs, electrical load calculation of generator and gas riser diagram if applicable. (See Attached)

### **\*\*CSST INSTALLATIONS:**

The following is required for permit applications whether the installation involves new install or extension of existing that includes CSST piping:

1. A copy of the installer's certification from the manufacturer for the installation of CSST.
2. An electrical permit is required for the bonding of the CSST

Submit **3 copies** of property survey showing location of solar panels or generator.

**For Solar Photovoltaic Systems:** Indicate **KW** of System, **AMP** size of Subpanel and any additional components as installed.

**For Back-up Generators:** Indicate **KW** of Generator, **AMP** of Transfer Switch and any additional components as installed.

### **Questions??? Please contact:**

Electrical Subcode Official, Roger Vanderhoof (908) 204-3025

Plumbing Subcode Official, Michael Resetar (908) 204-3154

# GAS PIPING

The installation of all gas piping shall comply with each IFGC and /or IFGS standard as set forth in accordance to the **International Fuel Gas Code 2009**

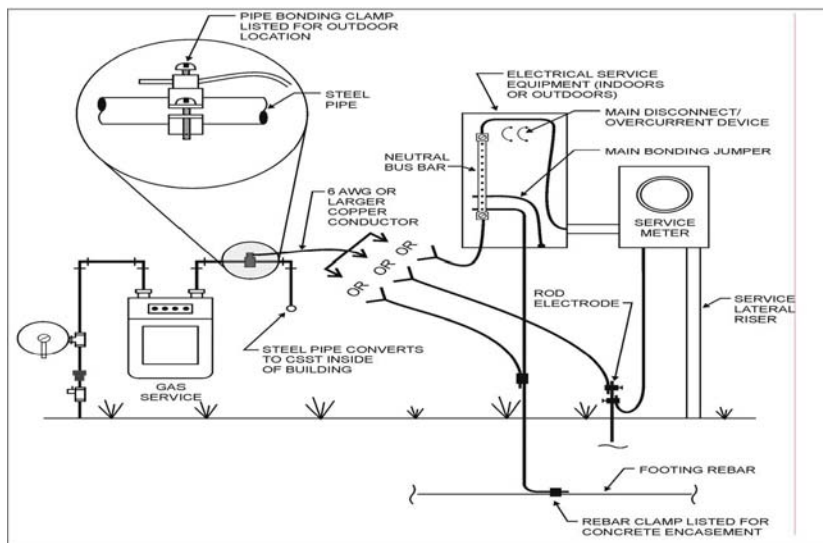
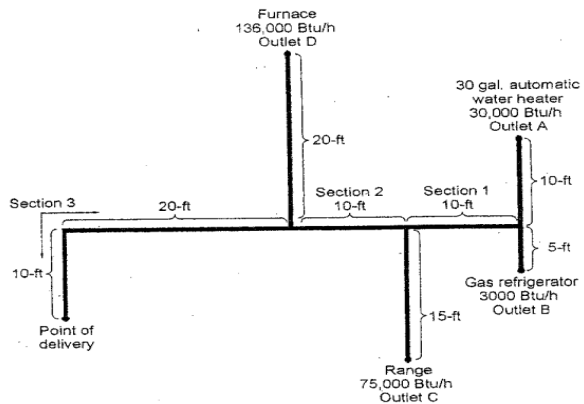
No Permit Application will be accepted without a riser diagram of the gas piping system. (The length of pipe from the point of delivery to the most remote outlet and all branch outlets.) Also include the total **BTU** rating of each appliance and indicate on the drawing **all pipe sizes**.

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## Example:





# ***Township of Bernards***

## ***Construction Code Division***

### ***Memorandum***

Date: January 25, 2012

To: Contractors and Generator customers

From: Dennis Bettler, Construction Official

RE: Generator permit applications and Fire Subcode

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In accordance with the NJ Uniform Construction Code effective immediately a Fire Subcode technical section and final inspection is required for all Generator installations.

The responsibility of the Fire Subcode Official / Inspector is compliance with 2009 International Fuel Gas Code NJ Edition, Section 616 or 2009 International Mechanical Code NJ Edition, Section 915.

Please be advised that these both codes reference: NFPA 37 – Stationary Combustion Engines and Gas Turbines, which states specifically that clearance to combustibles must be no less than five (5) feet from the generator. Only two conditions are exempted from the five (5) foot clearance to combustibles rule. One is a non combustible structure or one hour fire rated assembly and the other is a non combustible generator enclosure (steel or metallic material).

Read the manufacturers installation instructions carefully, our inspectors will be referencing those during the inspection.

If you have any questions contact me at 908-204-3030 or email [dbettler@bernards.org](mailto:dbettler@bernards.org)

Thank you.