Electrical Generators.

Common issues encountered during permitting, installation, or inspection:

- ✓ Permits are required for permanently installed generators, transfer switches, or power inlet boxes and their lockouts.
- ✓ Permit applications must include type, make, and model of the transfer switch proposed for installation along with cut sheets or specification sheets for the transfer switch.
- ✓ Permit applications must include type, make, and model of the generator proposed for installation along with cut sheets or specification sheets for the generator.
- ✓ Permit applications for automatic standby generators must include load calculations that show compliance with the capacity and rating requirements of 2005 NEC 702.5.
- ✓ Grounding and bonding must be updated or relocated to the new first point of disconnect. Check and repair all water pipe grounds if corroded or damaged, install water meter jumpers, verify or install two ground rods.
- ✓ Verify that all equipment locations will meet the minimum workspace requirements of 2005 NEC 110.26.
- ✓ Follow the manufacturer's installation instructions. Observe all clearances from combustibles, vents, openings into the building, and sources of ignition.
- ✓ Propane regulator vents must discharge more than five feet from sources of ignition. The generator itself is a source of ignition.
- ✓ The electric meter enclosure and the service entrance equipment must be labeled to warn of standby energy sources on the property and their locations.
- ✓ All pipes, conduits, or tubing must be properly supported or meet minimum burial depths. Expansion sleeves are required on conduits emerging from grade.
- ✓ Permanent generators must have a letter of proper operation before the final inspection is scheduled.

These items are not the complete building code. Nothing herein should be construed as an interpretation of the applicability of codes and procedures to your specific project. If there are any questions about the application of the information herein, please contact your building inspection office.