

## **SECTION VI**

### **GROUNDING**

#### **POLICY:**

The authorities having jurisdiction in jurisdiction in this area require that on alternating current service installations the ground conductor, the service neutral, and the metal housing of the service equipment shall be connected together at the service equipment.

#### **In New York City**

Where available, active electrically continuous metallic underground water piping shall be used as a ground and connected within the first 5-feet feet of the water service point of entry. This is regardless of the location of the water main valve.

#### **In Westchester County**

In an industrial and commercial buildings or structures where conditions of maintenance and supervision ensure that only qualified persons service the installation, interior metal water piping located more than 5-feet from the point of entrance to the building shall be permitted.

The grounding connection is part of the electric inspection checklist; Con Edison inspector will verify that the connection has been prior to energizing the service or setting the meter. **Gas service or fuel piping system cannot be used as a ground.**