

EL5 Grounding and Bonding Seminar

The Electrical Grounding and Bonding Seminar will explore the general requirement for grounding and bonding electrical installations (NEC article 250) plus concepts, principles and theory associated with grounding and bonding such as isolated grounds, floating grounds and ground loops.

Topics explored during the course of the seminar will include. Defining Terms, Why we ground, Types of Grounding Systems, Separately Derived Systems, Grounding Electrodes, Bonding, Ground Fault Protection, Ground Reference or Signal Reference, Grounding for Lightning Protection and Earth Ground Testing. Participants will have the opportunity to measure ground resistivity and ground system resistance and will gain hands on experience performing three point and four point earth ground measurements.

This seminar was developed for people in the electrical field seeking an in depth understanding of grounding and bonding.