

SAFETY MEETING TOPIC

This form shall be completed and kept on file

Job Name _____ Location _____ Job No. _____

Meeting Leader _____ Title _____

Date Held _____ Place _____ Time _____

Subject of Meeting GROUND FAULT PROTECTION (ASSURED GROUNDING PROGRAM)

OSHA ground fault protection rule and regulations are necessary for employee safety and health. Therefore, it is the employer's responsibility to provide either (1) Ground fault circuit interrupters on construction sites for receptacle outlets in use and not part of the permanent wiring; or (2) a scheduled and recorded assured equipment grounding conductor program on construction sites, covering all cord sets, receptacles that are not part of the permanent wiring of the building or structure, and equipment connected by cord or plug that are for use or used by employees. Many employers use both (1) and (2)**

At this meeting we will talk about the assured equipment grounding conductor program.

This program covers all cord sets, receptacles that are not part of the permanent wiring and equipment that is connected by cord and plug and is available for use by employees. Basically, the following rules apply.

1. The employer must have a written specific, description of the inspections, frequency and tests on the site. All of the tests must be recorded and these documents must be available at the site.
2. Tests must be performed before the first use; after repair, and before being put back into use; every 3 months. Marking tapes are to be affixed as follows indicating that tests and inspections have been done: 1st quarter White; 2nd quarter Green; 3rd quarter Red; 4th quarter Orange.
3. Tests must include (a) continuity of the equipment grounding conductor, and (b) proper terminal connection of equipment grounding conductor. These tests can be performed using a simple continuity tester, such as a lamp and battery, a bell and battery, an ohmmeter, or a receptacle tester. Also, receptacles and plugs must be tested to ensure that the equipment grounding conductor is connected to its proper terminal.
4. Visual inspections must be made of all cord sets, caps, plug and receptacles of cord sets and equipment connected by cord and plug.

ALWAYS INSPECT ELECTRICAL TOOLS, CORDS, RECEPTACLES AND CORD CAPS BEFORE EACH USE FOR YOUR OWN SAFETY.

**** NOTE:** The above is in compliance with current OSHA Regulations. However, the 1999 edition of the National Electrical Code (Article 305) no longer allows the option of GFCI's or the Assured Equipment Grounding Conductor Program for 125 volt single phase, 15, 20 or 30 ampere receptacle outlets used on temporary wiring for construction purposes. Instead, GFCIs must be used for all the aforementioned receptacles. In industrial establishments only, where conditions of maintenance and supervision ensure that only qualified personnel are

involved, an Assured Equipment Grounding Conductor Program may be used. For receptacles other than 125 volt single phase, 15, 20 and 30 ampere receptacles GFCIs or the Assured Equipment Grounding Conductor Program can be used. It is strongly recommended that both GFCIs and the Assured Equipment Grounding Conductor Program be used under all circumstances for reasons of both compliance and safety.