

TOOLBOXTOPICS.COM

Company Name _____ Job Name _____
Date _____

ELECTRICAL GROUNDING

A good electrical Grounding program means a safer workplace. Correct ground-fault protection requires the use of either Ground Fault Circuit Interrupters or an Assured Equipment Grounding Conductor Program. We will discuss the Assured Equipment Grounding Conductor Program today. This program covers cords, receptacles that are not part of the permanent wiring of a building, and equipment connected by cord and plug, which may be available for use or used by employees. Each quarter we remind you to be sure to do your required electrical check.

There are two tests required by OSHA. One is a continuity test to ensure that the equipment grounding conductor is electrically continuous. It must be performed on all cords & receptacles that are not a part of the permanent wiring. This test can be accomplished with a continuity tester. The other test is on receptacles and attachment caps or plugs to ensure that the equipment grounding is connected to its proper terminal. All of these tests are required before first use, after any repairs, after any suspected damage may have occurred, and at quarterly intervals. Any equipment in need of repair shall be taken out of service until repairs have been made.

OSHA regulation 1926.404(b)(1)(iii) requires that a written description of the employer's program be available at the jobsite for inspection. The required equipment inspections, tests, and test schedule must be recorded, and the record maintained until replaced by a more current record. The employer must designate a competent person to maintain the program. Electrical equipment noted in the program must be inspected for damage or defects before each day's use and defective equipment must be taken out of service immediately. Many companies find that using a different colored tape each quarter to identify which electrical tools and other equipment have been inspected or tested is very effective. A log should be kept listing each tool by name, manufacturer and serial number, also all cord sets, and receptacles not a part of the permanent wiring, and the date and type of inspection and the results should be recorded.

Any program is only as good as those using and maintaining it. Be sure to check your equipment.

**ALL EXTENSION CORDS MUST BE GROUNDED. IF THE GROUND PRONG IS
BROKEN OFF, TAKE THE CORD OUT OF SERVICE**

Safety
Recommendations: _____

Job Specific
Topics: _____

M.S.D.S
Reviewed: _____

Attended By: _____

