Assured Equipment Grounding Conductor Program (AEGCP)

If an Assured Equipment Grounding Conductor Program (AEGCP) is used in place of ground-fault circuit interrupters (GFCIs) for ground-fault protection, the following minimum requirements apply, though additional tests or procedures are encouraged as part of the OSHA requirements. These should be considered as minimal requirements:

- Keep a written description of the program at the jobsite. Outline specific procedures for the required equipment inspections, tests, and test schedule, and make them available to OSHA and to affected persons *upon demand*.

- Designate one or more competent persons to implement the program. OSHA defines a *competent person* as someone who is:

    - Qualified to identify hazards.
    - Authorized to take prompt corrective measures.

- Visually inspect all cord sets, attachment caps, plugs and receptacles, and any equipment connected by cord and plug, *before use each day*. If you see any external damage, such as deformed or missing pins, damaged insulation, etc., or discover internal damage, take the equipment out of use until it's repaired.

- Perform two OSHA-required tests on all electrical equipment: a continuity test and a terminal connection test[1]. Tests are required:

    - Before first use.
    - Before placing back in service after any repairs.
    - After suspected damage and before returning to use.
    - Every three months. Cords should be tested and taped following this color-taping schedule.

January 1 – March 31	April 1 – June 30	July1 – September 30	October 1 – December 31

- Maintain a written record of the required tests, identifying all equipment that passed the test and the last date it was tested (or the testing interval). Like the program description, make it available to OSHA inspectors and affected persons *upon demand.*

* Source material taken from www.osha.gov

[1] see LC 1757 Continuity and terminal testing