equipment to the frame of the generator.

(10) All trailing cables extending from the generator to equipment must comply with §75.907.

(11) A strain relief device must be provided on each end of the trailing cables that extends between the generator and the piece of equipment being powered.

(12) Prior to moving each piece of equipment or performing work, a functional test of each ground fault and ground wire monitor system must be performed by a qualified electrician who meets the requirements of §75.153. The ground-fault circuit must be tested without subjecting the circuit to an actual grounded phase condition. A record of each test must be maintained and made available to authorized representatives of the Secretary and to the miners in such mine.

§ 75.902–1 Maximum voltage ground check circuits.

[Statutory Provisions]

The maximum voltage used for such ground check circuits shall not exceed 40 volts.

§ 75.904 Identification of circuit breakers.

[Statutory Provisions]

Circuit breakers shall be marked for identification.

§ 75.905 Connection of single-phase loads.

[Statutory Provisions]

Single-phase loads shall be connected phase-to-phase.

§ 75.906 Trailing cables for mobile equipment, ground wires, and ground check wires.

[Statutory Provisions]

Trailing cables for mobile equipment shall contain one or more ground conductors having a cross-sectional area of not less than one-half the power conductor, and, on September 30, 1970, an insulated conductor for the ground continuity check circuit or other no less effective device approved by the Secretary or his authorized representative to assure such continuity, except that an extension of time, not in excess of 12 months may be permitted by the Secretary.