Subpart A—Rules and Instructions: All Systems

§ 236.1 Plans, where kept.

As required for maintenance, plans shall be kept at all interlockings, automatic signals and controlled points. Plans shall be legible and correct.

[49 FR 3382, Jan. 26, 1984]

§ 236.2 Grounds.

Each circuit, the functioning of which affects the safety of train operations, shall be kept free of any ground or combination of grounds which will permit a flow of current equal to or in excess of 75 percent of the release value of any relay or other electromagnetic device in the circuit, except circuits which include any track rail and except the common return wires of single-wire, single-break, signal control circuits using a grounded common, and alternating current power distribution circuits which are grounded in the interest of safety.  

EFFECTIVE DATE NOTE: At 79 FR 49715, Aug. 22, 2014, § 236.2 was revised, effective Oct. 21, 2014. For the convenience of the user, the revised text is set forth as follows:

§ 236.2 Grounds.

(a) General. Except as provided in paragraph (b) of this section, each circuit, the functioning of which affects safety of train operations, shall be kept free of any ground or combination of grounds having a current flow of 75 percent or more of the value necessary to retain a permissive state of a safety appliance.

(b) Exception. Paragraph (a) of this section does not apply to the following:

(1) Circuits that include any track rail;

(2) The common return wires of single-wire, single-break, and signal control circuits using a grounded common;

(3) Circuity internal to microprocessor-based appliances;

(4) Circuity internal to semiconductor-based memory; or

(5) Alternating current power distribution circuits that are grounded in the interest of safety.

§ 236.3 Locking of signal apparatus housings.

Signal apparatus housings shall be secured against unauthorized entry.

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