

**Mine Safety and Health Admin., Labor**

**§ 75.1400-4**

(1) A qualified person shall post each accessible entrance to the area affected by the hazard of the misfire with a warning at a conspicuous location to prohibit entry; and

(2) The misfire shall be immediately reported to mine management.

[53 FR 46786, Nov. 18, 1988; 54 FR 27641, June 30, 1989]

**§ 75.1328 Damaged or deteriorated explosives and detonators.**

(a) Damaged explosives or detonators shall be—

(1) Placed in separate containers constructed of nonconductive and non-sparking materials; and

(2) Removed from the mine or placed in a magazine and removed when the magazine is resupplied.

(b) Damaged detonators shall be shunted, if practicable, either before being removed from the mine or placed in a magazine.

(c) Deteriorated explosives and detonators shall be handled and disposed of in accordance with the instructions of the manufacturer.

**Subpart O—Hoisting and Mantrips**

**§ 75.1400 Hoisting equipment; general.**

(a) Every hoist used to transport persons shall be equipped with overspeed, overwind, and automatic stop controls.

(b) Every hoist handling a platform, cage, or other device used to transport persons shall be equipped with brakes capable of stopping the fully loaded platform, cage, or other device.

(c) Cages, platforms, or other devices used to transport persons in shafts and slopes shall be equipped with safety catches or other no less effective devices approved by the Secretary that act quickly and effectively in an emergency. Such catches or devices shall be tested at least once every two months.

(d) Hoisting equipment, including automatic elevators, used to transport persons shall be examined daily.

(e) Where persons are transported into or out of a mine by a hoist, a qualified hoisting engineer shall be on duty while any person is underground. No such engineer, however, shall be re-

quired for automatically operated cages, platforms, or elevators.

[48 FR 53239, Nov. 25, 1983]

**§ 75.1400-1 Hoists; brakes, capability.**

Brakes on hoists used to transport persons shall be capable of stopping and holding the fully loaded platform, cage, or other device at any point in the shaft, slope, or incline.

**§ 75.1400-2 Hoists; tests of safety catches; records.**

A record shall be made in a book of the tests, required by § 75.1400, of the safety catches or other devices approved by the Secretary. Each entry shall be signed by the person making the tests and countersigned by a responsible official.

**§ 75.1400-3 Daily examination of hoisting equipment.**

Hoists and elevators shall be examined daily and such examinations shall include, but not be limited to, the following:

(a) *Elevators.* A visual examination of the rope for wear, broken wires, and corrosion, especially at excessive strain points such as near the attachments and where the rope rests on sheaves;

(b) *Hoists and elevators.* (1) An examination of the rope fastenings for defects;

(2) An examination of safety catches;

(3) An examination of the cages, platforms, elevators, or other devices for loose, missing or defective parts;

(4) An examination of the head sheaves to check for broken flanges, defective bearings, rope alignment, and proper lubrication; and

(5) An observation of the lining and all other equipment and appurtenances installed in the shaft.

[48 FR 53239, Nov. 25, 1983]

**§ 75.1400-4 Certifications and records of daily examinations.**

At the completion of each daily examination required by § 75.1400, the person making the examination shall certify, by signature and date, that the examination has been made. If any unsafe condition is found during the examinations required by § 75.1400-3, the