

**Mine Safety and Health Admin., Labor****§ 57.18028****§ 57.17010 Electric lamps.**

Individual electric lamps shall be carried for illumination by all persons underground.

shall be made available to all interested miners.

[61 FR 50436, Sept. 26, 1996]

**Subpart Q—Safety Programs****SURFACE AND UNDERGROUND****§ 57.18002 Examination of working places.**

(a) A competent person designated by the operator shall examine each working place at least once each shift for conditions which may adversely affect safety or health. The operator shall promptly initiate appropriate action to correct such conditions.

(b) A record that such examinations were conducted shall be kept by the operator for a period of one year, and shall be made available for review by the Secretary or his authorized representative.

(c) In addition, conditions that may present an imminent danger which are noted by the person conducting the examination shall be brought to the immediate attention of the operator who shall withdraw all persons from the area affected (except persons referred to in section 104(c) of the Federal Mine Safety and Health Act of 1977) until the danger is abated.

**§ 57.18006 New employees.**

New employees shall be indoctrinated in safety rules and safe work procedures.

**§ 57.18009 Designation of person in charge.**

When persons are working at the mine, a competent person designated by the mine operator shall be in attendance to take charge in case of an emergency.

**§ 57.18010 First aid.**

An individual capable of providing first aid shall be available on all shifts. The individual shall be currently trained and have the skills to perform patient assessment and artificial respiration; control bleeding; and treat shock, wounds, burns, and musculoskeletal injuries. First aid training

shall be made available to all interested miners.

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**§ 57.18012 Emergency telephone numbers.**

Emergency telephone numbers shall be posted at appropriate telephones.

**§ 57.18013 Emergency communications system.**

A suitable communication system shall be provided at the mine to obtain assistance in the event of an emergency.

**§ 57.18014 Emergency medical assistance and transportation.**

Arrangements shall be made in advance for obtaining emergency medical assistance and transportation for injured persons.

**SURFACE ONLY****§ 57.18020 Working alone.**

No employee shall be assigned, or allowed, or be required to perform work alone in any area where hazardous conditions exist that would endanger his safety unless he can communicate with others, can be heard, or can be seen.

**UNDERGROUND ONLY****§ 57.18025 Working alone.**

No employee shall be assigned, or allowed, or be required to perform work alone in any area where hazardous conditions exist that would endanger his safety unless his cries for help can be heard or he can be seen.

**§ 57.18028 Mine emergency and self-rescuer training.**

(a) On an annual basis, all persons who are required to go underground shall be instructed in the Mine Safety and Health Administration approved course contained in Bureau of Mines Instruction Guide 19, "Mine Emergency Training" (September 1972). The instruction shall be given by MSHA personnel or by persons who are certified by the District Manager of the area in which the mine is located.

(b) On an annual basis, all persons who go underground shall be instructed

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in the Mine Safety and Health Administration course contained in Bureau of Mines Instruction Guide 2, "MSA W-65 Self-Rescuer" (March 1972) or Bureau of Mines Instruction Guide 3, "Permissible Drager 810 Respirator for Self-Rescue" (March 1972). The instruction shall be given by MSHA personnel or by persons who are certified by the District Manager of the area in which the mine is located: *Provided, however,* That if a Mine Safety and Health Administration instructor or a certified instructor is not immediately available such instruction of new employees in self-rescuers may be conducted by qualified company personnel who are not certified, but who have obtained provisional approval from the District Manager. Any person who has not had self-rescuer instruction within 12 months immediately preceding going underground shall be instructed in the use of self-rescuers before going underground.

(c) All instructional material, handouts, visual aids, and other such teaching accessories used by the operator in the courses prescribed in paragraphs

(a) and (b) of this section shall be available for inspection by the Secretary or his authorized representative.

(d) Records of all instruction shall be kept at the mine site or nearest mine office at least 2 years from the date of instruction. Upon completion of such instruction, copies of the record shall be submitted to the District Manager.

(e) The Bureau of Mines instruction guides to which reference is made in items (a) and (b) of this standard are hereby incorporated by reference and made a part hereof. The incorporated instruction guides are available and shall be provided upon request made to any Metal and Nonmetal Mine Safety and Health district office.

[50 FR 4082, Jan. 29, 1985, as amended at 71 FR 16667, Apr. 3, 2006]

## **Subpart R—Personnel Hoisting**

### **§57.19000 Application.**

(a) The hoisting standards in this subpart apply to those hoists and appurtenances used for hoisting persons. However, where persons may be endangered by hoists and appurtenances used solely for handling ore, rock, and mate-

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rials, the appropriate standards should be applied.

(b) Standards 57.19021 through 57.19028 shall apply to wire ropes in service used to hoist—

(1) Persons in shafts and slopes underground;

(2) Persons with an incline hoist on the surface; or

(3) Loads in shaft or slope development when persons work below suspended loads.

(4) These standards do not apply to wire ropes used for elevators.

(c) Emergency hoisting facilities should conform to the extent possible to safety requirements for other hoists, and should be adequate to remove the persons from the mine with a minimum of delay.

### **HOISTS**

#### **§57.19001 Rated capacities.**

Hoists shall have rated capacities consistent with the loads handled and the recommended safety factors of the ropes used.

#### **§57.19002 Anchoring.**

Hoists shall be anchored securely.

#### **§57.19003 Driving mechanism connections.**

Belt, rope, or chains shall not be used to connect driving mechanisms to man hoists.

#### **§57.19004 Brakes.**

Any hoist used to hoist persons shall be equipped with a brake or brakes which shall be capable of holding its fully loaded cage, skip, or bucket at any point in the shaft.

#### **§57.19005 Locking mechanism for clutch.**

The operating mechanism of the clutch of every man-hoist drum shall be provided with a locking mechanism, or interlocked electrically or mechanically with the brake to prevent accidental withdrawal of the clutch.

#### **§57.19006 Automatic hoist braking devices.**

Automatic hoists shall be provided with devices that automatically apply