

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

**§ 57.19072**

the rope guides shall be a type of lock coil construction.

**HOISTING PROCEDURES**

**§ 57.19055 Availability of hoist operator for manual hoists.**

When a manually operated hoist is used, a qualified hoistman shall remain within hearing of the telephone or signal device at all times while any person is underground.

**§ 57.19056 Availability of hoist operator for automatic hoists.**

When automatic hoisting is used, a competent operator of the hoist shall be readily available at or near the hoisting device while any person is underground.

**§ 57.19057 Hoist operator's physical fitness.**

No person shall operate a hoist unless within the preceding 12 months he has had a medical examination by a qualified, licensed physician who shall certify his fitness to perform this duty. Such certification shall be available at the mine.

**§ 57.19058 Experienced hoist operators.**

Only experienced hoistmen shall operate the hoist except in cases of emergency and in the training of new hoistmen.

**§ 57.19061 Maximum hoisting speeds.**

The safe speed for hoisting persons shall be determined for each shaft, and this speed shall not be exceeded. Persons shall not be hoisted at a speed faster than 2,500 feet per minute, except in an emergency.

**§ 57.19062 Maximum acceleration and deceleration.**

Maximum normal operating acceleration and deceleration shall not exceed 6 feet per second per second. During emergency braking, the deceleration shall not exceed 16 feet per second per second.

**§ 57.19063 Persons allowed in hoist room.**

Only authorized persons shall be in hoist rooms.

**§ 57.19065 Lowering conveyances by the brakes.**

Conveyances shall not be lowered by the brakes alone except during emergencies.

**§ 57.19066 Maximum riders in a conveyance.**

In shafts inclined over 45 degrees, the operator shall determine and post in the conveyance or at each shaft station the maximum number of persons permitted to ride in a hoisting conveyance at any one time. Each person shall be provided a minimum of 1.5 square feet of floor space.

**§ 57.19067 Trips during shift changes.**

During shift changes, an authorized person shall be in charge of each trip in which persons are hoisted.

**§ 57.19068 Orderly conduct in conveyances.**

Persons shall enter, ride, and leave conveyances in an orderly manner.

**§ 57.19069 Entering and leaving conveyances.**

Persons shall not enter or leave conveyances which are in motion or after a signal to move the conveyance has been given to the hoistman.

**§ 57.19070 Closing cage doors or gates.**

Cage doors or gates shall be closed while persons are being hoisted; they shall not be opened until the cage has come to a stop.

**§ 57.19071 Riding in skips or buckets.**

Persons shall not ride in skips or buckets with muck, supplies, materials, or tools other than small hand tools.

**§ 57.19072 Skips and cages in same compartment.**

When combinations of cages and skips are used in the same compartment, the cages shall be enclosed to protect personnel from flying material and the hoist speed reduced to man-speed as defined in standard 57.19061, but not to exceed 1,000 feet per minute. Muck shall not be hoisted with personnel during shift changes.