

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

**§57.19111**

The movement of a shaft conveyance on a “one bell” signal is prohibited.

**§57.19094 Posting signal code.**

A legible signal code shall be posted prominently in the hoist house within easy view of the hoistmen, and at each place where signals are given or received.

**§57.19095 Location of signal devices.**

Hoisting signal devices shall be positioned within easy reach of persons on the shaft bottom or constantly attended by a person stationed on the lower deck of the sinking platform.

**§57.19096 Familiarity with signal code.**

Any person responsible for receiving or giving signals for cages, skips, and mantrips when persons or materials are being transported shall be familiar with the posted signaling code.

**SHAFTS**

**§57.19100 Shaft landing gates.**

Shaft landings shall be equipped with substantial safety gates so constructed that materials will not go through or under them; gates shall be closed except when loading or unloading shaft conveyances.

**§57.19101 Stopblocks and derail switches.**

Positive stopblocks or a derail switch shall be installed on all tracks leading to a shaft collar or landing.

**§57.19102 Shaft guides.**

A means shall be provided to guide the movement of a shaft conveyance.

**§57.19103 Dumping facilities and loading pockets.**

Dumping facilities and loading pockets shall be constructed so as to minimize spillage into the shaft.

**§57.19104 Clearance at shaft stations.**

Suitable clearance at shaft stations shall be provided to allow safe movement of persons, equipment and materials.

**§57.19105 Landings with more than one shaft entrance.**

A safe means of passage around open shaft compartments shall be provided on landings with more than one entrance to the shaft.

**§57.19106 Shaft sets.**

Shaft sets shall be kept in good repair and clean of hazardous material.

**§57.19107 Precautions for work in compartment affected by hoisting operation.**

Hoistmen shall be informed when persons are working in a compartment affected by that hoisting operation and a “Men Working in Shaft” sign shall be posted at the hoist.

**§57.19108 Posting warning signs during shaft work.**

When persons are working in a shaft “Men Working in Shaft” signs shall be posted at all devices controlling hoisting operations that may endanger such persons.

**§57.19109 Shaft inspection and repair.**

Shaft inspection and repair work in vertical shafts shall be performed from substantial platforms equipped with bonnets or equivalent overhead protection.

**§57.19110 Overhead protection for shaft deepening work.**

A substantial bulkhead or equivalent protection shall be provided above persons at work deepening a shaft.

**§57.19111 Shaft-sinking ladders.**

Substantial fixed ladders shall be provided from the collar to as near the shaft bottom as practical during shaft-sinking operations, or an escape hoist powered by an emergency power source shall be provided. When persons are on the shaft bottom, a chain ladder, wire rope ladder, or other extension ladders shall be used from the fixed ladder or lower limit of the escape hoist to the shaft bottom.