

**§ 77.1802**

**30 CFR Ch. I (7-1-06 Edition)**

**§ 77.1802 Insulation of trolley wires, trolley feeder wires and bare signal wires; guarding of trolley wires and trolley feeder wires.**

Trolley wires, trolley feeder wires, and bare signal wires shall be adequately guarded:

(a) At all points where men are required to work or pass regularly under the wires; and

(b) At man-trip stations.

The Secretary or his authorized representative shall specify other conditions where trolley wires and trolley feeder wires shall be adequately protected to prevent contact by any person, or shall require the use of improved methods to prevent such contact. Temporary guards shall be provided where trackmen and other persons are required to work in proximity to trolley wires and trolley feeder wires.

**Subpart T—Slope and Shaft Sinking**

**§ 77.1900 Slopes and shafts; approval of plans.**

(a) Each operator of a coal mine shall prepare and submit for approval by the Coal Mine Health and Safety District Manager for the district in which the mine is located, a plan providing for the safety of workmen in each slope or shaft that is commenced or extended after June 30, 1971. The plan shall be consistent with prudent engineering design. The methods employed by the operator shall be selected to minimize the hazards to those employed in the initial or subsequent development of any such slope or shaft, and the plan shall include the following:

(1) The name and location of the mine, and the Mine Safety and Health Administration mine identification number, if known;

(2) The name and address of the mine operator;

(3) A description of the construction work and methods to be used in the construction of the slope or shaft, and whether part or all of the work will be performed by a contractor and a description of that part of the work to be performed by a contractor;

(4) The elevation, depth and dimensions of the slope or shaft;

(5) The location and elevation of the coalbed;

(6) The general characteristics of the strata through which the slope or shaft will be developed;

(7) The type of equipment which the operator proposes to use when the work is to be performed by the operator. When work is to be performed by a contractor the operator shall, as soon as known to him, supplement the plan with a description of the type of equipment to be used by the contractor;

(8) The system of ventilation to be used; and

(9) Safeguards for the prevention of caving during excavation.

(Pub. L. No. 96-511, 94 Stat. 2812 (44 U.S.C. 3501 et seq.))

[36 FR 9364, May 22, 1971, as amended at 47 FR 28096, June 29, 1982; 60 FR 33723, June 29, 1995]

**§ 77.1900-1 Compliance with approved slope and shaft sinking plans.**

Upon approval by the Coal Mine Health and Safety District Manager of a slope or shaft sinking plan, the operator shall adopt and comply with such plan.

**§ 77.1901 Preshift and onshift inspections; reports.**

(a) Examinations of slope and shaft areas shall be made by a certified person for hazardous conditions, including tests for methane and oxygen deficiency:

(1) Within 90 minutes before each shift;

(2) At least once on any shift during which men are employed inside any slope or shaft during development; and

(3) Both before and after blasting.

(b) The surface area surrounding each slope and shaft shall be inspected by a certified person and all hazards in the vicinity shall be corrected before men are permitted to enter the excavation.

(c) All hazards found during any preshift or onshift inspection shall be corrected before men are allowed to enter, or continue to work in such slope or shaft. If hazardous conditions cannot be corrected, or excessive methane concentrations cannot be diluted, the excavation shall be vacated and no person shall be permitted to reenter