

submit all preliminary plans in accordance with paragraphs (b) and (c) of this section to the District Manager and the operator shall not develop any part of the coalbed in such mine unless and until all preliminary plans have been approved.

(b) The preliminary plans required to be submitted by the operator to the District Manager shall be in writing and shall contain the following:

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

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

(3) The name and address of the principal official designated by the operator as the person who is in charge of health and safety at the mine;

(4) The identification and approximate height of the coalbed to be developed;

(5) The system of mining to be employed;

(6) A proposed roof control plan containing the information specified in § 75.220.

(7) A proposed mine ventilation plan containing the information specified in §§ 75.371 and 75.372;

(8) A proposed plan for sealing worked-out areas containing the information specified in §§ 75.371 and 75.372.

(9) A proposed program for searching miners for smoking materials in accordance with the provisions of § 75.1702; and,

(10) A proposed plan for emergency medical assistance and emergency communication in accordance with the provisions of §§ 75.1713-1 and 75.1713-2.

(c) The preliminary plans required to be submitted by the operator to the District Manager shall be in writing and shall contain the following:

(1) The proposed training plan containing the information specified in §§ 48.3 and 48.23 of this chapter, and

(2) A proposed plan for training and retraining certified and qualified persons containing the information specified in § 75.160-1.

[44 FR 9380, Feb. 13, 1979, as amended at 47 FR 23641, May 28, 1982; 57 FR 20929, May 15, 1992]

**§ 75.1722 Mechanical equipment guards.**

(a) Gears; sprockets; chains; drive, head, tail, and takeup pulleys; flywheels; couplings; shafts; sawblades; fan inlets; and similar exposed moving machine parts which may be contacted by persons, and which may cause injury to persons shall be guarded.

(b) Guards at conveyor-drive, conveyor-head, and conveyor-tail pulleys shall extend a distance sufficient to prevent a person from reaching behind the guard and becoming caught between the belt and the pulley.

(c) Except when testing the machinery, guards shall be securely in place while machinery is being operated.

[38 FR 4976, Feb. 23, 1973]

**§ 75.1723 Stationary grinding machines; protective devices.**

(a) Stationary grinding machines other than special bit grinders shall be equipped with:

(1) Peripheral hoods (less than 90° throat openings) capable of withstanding the force of a bursting wheel.

(2) Adjustable tool rests set as close as practical to the wheel.

(3) Safety washers.

(b) Grinding wheels shall be operated within the specifications of the manufacturer of the wheel.

(c) Face shields or goggles, in good condition, shall be worn when operating a grinding wheel.

[38 FR 4976, Feb. 23, 1973]

**§ 75.1724 Hand-held power tools; safety devices.**

Hand-held power tools shall be equipped with controls requiring constant hand or finger pressure to operate the tools or shall be equipped with friction or other equivalent safety devices.

[38 FR 4976, Feb. 23, 1973]

**§ 75.1725 Machinery and equipment; operation and maintenance.**

(a) Mobile and stationary machinery and equipment shall be maintained in safe operating condition and machinery or equipment in unsafe condition shall be removed from service immediately.

## **§ 75.1726**

(b) Machinery and equipment shall be operated only by persons authorized to operate such machinery or equipment.

(c) Repairs or maintenance shall not be performed on machinery until the power is off and the machinery is blocked against motion, except where machinery motion is necessary to make adjustments.

(d) Machinery shall not be lubricated manually while in motion, unless equipped with extended fittings or cups.

[38 FR 4976, Feb. 23, 1973]

### **§ 75.1726 Performing work from a raised position; safeguards.**

(a) Men shall not work on or from a piece of mobile equipment in a raised position until it has been blocked in place securely. This does not preclude the use of equipment specifically designed as elevated mobile work platforms.

(b) No work shall be performed under machinery or equipment that has been raised until such machinery or equipment has been securely blocked in position.

[38 FR 4976, Feb. 23, 1973]

### **§ 75.1727 Drive belts.**

(a) Drive belts shall not be shifted while in motion unless the machines are provided with mechanical shifters.

(b) Belt dressing shall not be applied while belts are in motion except where it can be applied without endangering a person.

[38 FR 4976, Feb. 23, 1973]

### **§ 75.1728 Power-driven pulleys.**

(a) Belts, chains, and ropes shall not be guided onto power-driven moving pulleys, sprockets, or drums with the hands except on slow-moving equipment especially designed for hand feeding.

(b) Pulleys of conveyors shall not be cleaned manually while the conveyor is in motion.

(c) Coal spilled beneath belt conveyor drives or tail pieces shall not be removed while the conveyor is in motion, except where such coal can be removed without endangering persons.

[38 FR 4976, Feb. 23, 1973]

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### **§ 75.1729 Welding operations.**

Welding operations shall be shielded and the area shall be well ventilated.

[38 FR 4976, Feb. 23, 1973]

### **§ 75.1730 Compressed air; general; compressed air systems.**

(a) All pressure vessels shall be constructed, installed, and maintained in accordance with the standards and specifications of Section VIII “Unfired Pressure Vessels,” of the American Society of Mechanical Engineers Boiler and Pressure Vessel Code (1971), which is hereby incorporated by reference and made a part hereof. This document may be purchased from the American Society of Mechanical Engineers, 22 Law Drive, P.O. Box 2900, Fairfield, New Jersey 07007, Phone: 800-843-2763 (toll free); <http://www.asme.org>; and it is available for examination in every MSHA Coal Mine Safety and Health district office.

(b) Compressors and compressed-air receivers shall be equipped with automatic pressure-relief valves, pressure gages, and drain valves.

(c) Repairs involving the pressure system of compressors, receivers, or compressed-air-powered equipment shall not be attempted until the pressure has been relieved from that part of the system to be repaired.

(d) At no time shall compressed air be directed toward a person. When compressed air is used, all necessary precautions shall be taken to protect persons from injury.

(e) Safety chains, suitable locking devices, or automatic cut-off valves shall be used at connections to machines of high-pressure hose lines of three-fourths of an inch inside diameter or larger, and between high-pressure hose lines of three-fourths of an inch inside diameter or larger, where a connection failure would create a hazard. For purposes of this paragraph, high-pressure means pressure of 100 p.s.i. or more.

[38 FR 4976, Feb. 23, 1973, as amended at 71 FR 16669, Apr. 3, 2006]

### **§ 75.1731 Maintenance of belt conveyors and belt conveyor entries.**

(a) Damaged rollers, or other damaged belt conveyor components, which