

1922, ch. 307, sec. 114.

**115.** Ample and well-constructed switches and other protective devices shall be provided upon all circuits, and especially upon branch circuits, which shall be protected against electrical leakage and extraneous damage, and all switches so devised that accidental closing or interference by unauthorized persons may be prevented or forestalled; and in all circuits where the load may suddenly approach or exceed the safe capacity of the circuit or apparatus, circuit interrupting devices shall be installed.

1922, ch. 307, sec. 115.

**116.** Electric current of high voltage may be transmitted underground only when the circuit is carried inside metallic sheaths or armor, such sheaths or armor to be permanently grounded; and such current may be applied only to transformers or motors in which the high voltage windings are a part of the stationary element thereof.

1922, ch. 307, sec. 116.

**117.** Explosives shall not be hauled or transported in the vicinity of live electric apparatus or circuits unless such explosives are placed in an insulated, covered box; nor placed upon an electric locomotive at any time; nor temporarily placed nor stored near electric currents or equipment; and when explosives are carried by hand, the utmost precautions shall be taken to avoid contact with electric apparatus or circuits.

1922, ch. 307, sec. 117.

**118.** Especial care shall be exercised along haulage ways and in any portion of a mine where persons or animals may come into contact with electric apparatus or circuits, and in all trolley circuits and transmission lines, under which persons or animals must pass properly to install and protect the same.

1922, ch. 307, sec. 118.

**119.** Care shall be taken in installation and maintenance of telephone and signal lines to avoid and prevent grounds and crosses with circuits of higher potential, and to protect persons using such lines from injury.

1922, ch. 307, sec. 119.

**120.** Systematic, periodic examinations and reports of the condition of all wiring and electrical equipment and apparatus shall be required by regulation of the Bureau, to be made by the operator, in all such mines.

#### CHAPTER XVII—*Materials, Facilities and Supplies.*

1922, ch. 307, sec. 120.

**121.** The operator shall provide and deliver at the working faces or as near thereto as they can be conveyed in mine cars, a sufficient supply of props, cap-pieces and timbers, cut square at one end, and as nearly as practicable of the proper size and length for the purpose intended. Every