

FIRST SCHEDULE

THE MISCELLANEOUS MINES (GENERAL) REGULATIONS, 1956, HAVING EFFECT AS IF MADE UNDER SECTION ONE HUNDRED AND FORTY-ONE OF THE MINES AND QUARRIES ACT, 1954

PART IV

Shafts, staple-pits and outlets and winding and haulage apparatus therefor

7.—(1) Where access to any part of a mine in which persons work can be obtained only by passing through one shaft or unwalkable outlet (other than one in the course of being sunk or driven) and winding or haulage apparatus is ordinarily used in that shaft or outlet, there shall be provided a compartment therein separated throughout by a substantial partition from the part in which that winding or haulage apparatus operates and there shall be provided in that compartment ladders or other safe and reasonably convenient means of egress independent of that winding or haulage apparatus.

(2) Any ladder in a shaft or unwalkable outlet shall be securely fastened to the lining or sides thereof, and any platform therein forming part of a ladder-way shall be securely fenced.

Brakes etc

8.—(1) Where mechanically operated winding apparatus or mechanically operated rope haulage apparatus is used for carrying persons through a shaft, staple-pit or unwalkable outlet, there shall be provided one or more brakes on the drum or drum shaft (or if there is more than one drum on each drum or drum shaft) being brakes which will hold the drum stationary when the maximum torque in a downward direction is applied thereto by the engine and a fully loaded cage or carriage:

Provided that an inspector may by notice served on the manager of the mine exempt an engine from the requirements of this paragraph.

(2) Where such apparatus is so used there shall be provided a suitable indicator (not being merely a mark on the rope or drum) showing the position of each cage or carriage in the shaft, staple-pit or outlet. That indicator shall be so placed as to be seen easily by the person operating the engine.

(3) Where such apparatus is so used there shall be provided on the drum such flanges or horns and, if the drum is conical, such other devices as will prevent the rope from slipping off.

Guides

9. In every shaft and staple-pit provided with winding apparatus, being a shaft or staple-pit in the case of which the distance between the top thereof and the lowest entrance thereto exceeds one hundred and fifty feet or being a shaft or staple-pit in the course of being sunk of a depth exceeding three hundred feet, guides shall be provided for the cage or kibble:

Provided that an inspector may by notice served on the manager exempt a shaft or staple-pit from the requirements of this regulation.

Keps

10.—(1) In every shaft provided with a cage which is used for raising or lowering persons keps for supporting the cage when at rest shall be provided at the highest landing to which the cage is raised,

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may be provided at the lowest entrance to the shaft but shall not be provided at any intermediate entrance thereto.

(2) Keps shall be used when persons are entering or leaving a cage at a place at which they are provided.

Cages or carriages

11. Every cage or carriage which is used for carrying persons through a shaft, staple-pit or unwalkable outlet shall be covered in completely at the top, closed in at the two sides sufficiently to prevent persons or things projecting beyond the sides, and provided with suitable gates at the ends and with a rigid hand bar which can be easily reached by all persons in it.

12.—(1) The manager of every mine shall, in relation to each shaft, staple-pit or unwalkable outlet provided with a cage or carriage used for carrying persons, determine the maximum number of persons who may be carried at one time in any cage or carriage therein and, where a cage or carriage has more than one deck, on each deck of that cage or carriage.

(2) There shall be kept posted at each entrance for the time being in use to each such shaft, staple-pit or unwalkable outlet a notice specifying every number so determined.

13. Every cage or carriage which is used for carrying vehicles through a shaft, staple-pit or unwalkable outlet shall be provided with catches or other suitable contrivances to prevent them from falling out.

14.—(1) Where mechanically operated winding apparatus is ordinarily used for carrying persons through a shaft in a cage, there shall be provided appropriate gear for detaching each cage from the rope and holding it stationary in the event of over-winding when it is ascending:

Provided that an inspector may by notice served on the manager of the mine exempt any winding apparatus thereat from the requirements of this paragraph.

(2) Where mechanically operated winding apparatus is so used and the speed of winding can exceed twelve feet per second, an inspector by notice served on the manager of the mine may require the provision in connection therewith within such period as may be specified in the notice, and the maintenance, of an automatic contrivance to prevent overwinding.