



Mines and Quarries Act 1954

1954 CHAPTER 70

PART III

SAFETY, HEALTH AND WELFARE (MINES)

Machinery and Apparatus

81 Construction, maintenance, and c., of machinery and apparatus

- (1) All parts and working gear, whether fixed or movable, including the anchoring and fixing appliances, of all machinery and apparatus used as, or forming, part of the equipment of a mine, and all foundations in or to which any such appliances are anchored or fixed shall be of good construction, suitable material, adequate strength and free from patent defect, and shall be properly maintained.
- (2) Provision may be made by regulations—
 - (a) for imposing such requirements (in addition to those imposed by the foregoing subsection) with respect to the construction, installation, maintenance, use, testing, repair, adjustment, alteration and examination of such machinery or apparatus as aforesaid as appear to the Minister to be expedient in the interests of the safety or health of persons employed at mines; and
 - (b) for prohibiting the installation at mines of machinery or apparatus constructed in contravention of the regulations.

82 Fencing of exposed parts of machinery

- (1) Subject to the provisions of this section, every flywheel and every other dangerous exposed part of any machinery used as, or forming, part of the equipment of a mine shall be securely fenced ; and where means of fencing are prescribed with respect to any such part of any such machinery as aforesaid, the fencing provided in pursuance of the foregoing provisions of this subsection for that part shall be provided by those means.

Status: This is the original version (as it was originally enacted).

- (2) It shall be the duty of the manager of every mine to ensure that fencing provided in pursuance of the foregoing subsection is properly maintained and is kept in position while the parts required to be fenced are in motion or in use, except where such parts are exposed for an examination or adjustment which it is necessary to carry out while they are in motion or use and all such conditions as may be prescribed are complied with.

83 Restrictions on use below ground of certain engines, and c

No internal combustion engine, steam boiler or locomotive shall be used below ground in a mine otherwise than in accordance with the provisions of regulations in that behalf or with the consent of the Minister or an inspector.

84 Air, gas and steam containers

- (1) All apparatus used as, or forming, part of the equipment of a mine, being apparatus which contains or produces air, gas or steam at a pressure greater than atmospheric pressure shall be so constructed, installed, maintained and used as to obviate any risk from fire, bursting, explosion or collapse or the production of noxious gases.
- (2) Provision may be made by regulations for prohibiting the installation at mines of such apparatus as aforesaid at places of such descriptions as may be prescribed and for requiring reports to be made of the results of examinations thereof made in pursuance of provisions of regulations having effect by virtue of section eighty-one of this Act.
- (3) The Minister may at any time require any such apparatus as aforesaid at a mine to be examined by a person nominated by him and the manager of the mine shall give the necessary facilities for the examination ; and if, as a result of the examination, it appears that any report of the result of an examination of the apparatus (being a report made in pursuance of regulations having effect by virtue of the last foregoing subsection) was inadequate or inaccurate in a material particular, the cost of the examination under this subsection shall be recoverable by the Minister from the owner of the mine.

85 Loading of cranes, and c

- (1) There shall be plainly marked on every crane, crab and winch used as, or forming, part of the equipment of a mine the safe working load or loads thereof, except that, in the case of a jib crane so constructed that the safe working load may be varied by the raising or lowering of the jib, there shall be attached thereto either an automatic indicator of safe working loads or a table indicating the safe working loads at corresponding inclinations of the jib or corresponding radii of the load.
- (2) No person shall, except for the purpose of a test, load any such crane, crab or winch as aforesaid beyond the safe working load marked or indicated thereon in pursuance of the foregoing subsection.
- (3) This section shall not apply to winding apparatus with which a mine shaft or staple-pit is provided or to any rope haulage apparatus, and regulations may provide that this section shall not apply to any other apparatus of a prescribed class.