

Factories Act, 1948

Section 28 - HOISTS AND LIFTS

1) In every factory- (a) every hoist and lift shall be- (i) of good mechanical construction, sound material and adequate strength; (ii) properly maintained, and shall be thoroughly examined by a competent person at least once in every period of six months, and a register shall be kept containing the prescribed particulars of every such examination; (b) every hoist way and lift way shall be sufficiently protected by an enclosure fitted with gates, and the hoist or lift and every such enclosure shall be so constructed as to prevent any person or thing from being trapped between any part of the hoist or lift and any fixed structure or moving part; (c) the maximum safe working load shall be plainly marked on every hoist or lift, and no load greater than such load shall be carried thereon; (d) the cage of every hoist or lift used for carrying persons shall be fitted with a gate on each side from which access is afforded to a landing; (e) every gate referred to in clause (b) or clause (d) shall be fitted with interlocking or other efficient device to secure that the gate cannot be opened except when the cage is at the landing and that the cage cannot be moved unless the gate is closed. (2) The following additional requirements shall apply to hoists and lifts used for carrying persons and installed or reconstructed in a factory after the commencement of this Act, namely: (a) where the cage is supported by rope or chain, there shall be at least two ropes or chains separately connected with the cage and balance weight, and each rope or chain with its attachments shall be capable of carrying the whole weight of the cage together with its maximum load; (b) efficient devices shall be provided and maintained capable of supporting the cage together with its maximum load in the event of breakage of the ropes, chains or attachments; (c) an efficient automatic device shall be provided and maintained to prevent the cage from over-running. (3) The Chief Inspector may permit the continued use of a hoist or lift installed in a factory before the commencement of this Act which does not fully comply with the provisions of sub-section (1) upon such conditions for ensuring safety as he may think fit to impose. (4) The State Government may, if in respect of any class or description of hoist or lift, it is of opinion that it would be unreasonable to enforce any requirement of sub-sections (1) and (2), by order direct that such requirement shall not apply to such class or description of hoist or lift 63[Explanation: For the purposes of this section, no lifting machine or appliance shall be deemed to be a hoist or lift unless it has a platform or cage, the direction or movement of which is restricted by a guide or guides.]