

875—73.13 (89A) Means of suspension.

73.13(1) Suspension ropes on drum-type machines shall have not less than one turn of the rope on the drum when the car is resting on the fully compressed buffers.

73.13(2) Winding drum machines shall not be used unless they are provided with not less than two hoisting ropes. Each counterweight stack shall be provided with not less than two ropes.

73.13(3) Tiller cables on cable-operated elevators shall be kept free of breaks.

73.13(4) On tiller-cable operations, the cable shall pass through a guiding or stopping device mounted on the car. The cable shall be provided with adjustable stop balls and be provided with means to lock and hold the car at a floor. Stop balls at top and bottom shall be adjusted to automatically stop the car. The tiller cable shall be completely enclosed in the hoistway.

73.13(5) All hoisting or counterweight ropes located outside of the hoistway that are exposed shall be covered with a box-type guard. The guard shall be not less than 6 feet high from floor level.

73.13(6) Roller chains shall not be used as the suspension means for any conveyance except where specifically allowed by an applicable provision of ASME A17.1.

73.13(7) Hoisting ropes for power elevators shall not be less than 3/8 inch in diameter.

73.13(8) Hoisting rope fastening means shall be of the socket and babbiting type. Clamps shall not be used.

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