Federal Railroad Administration, DOT

§ 236.339 Mechanical locking, maintenance requirements.

Locking and connections shall be maintained so that, when a lever or latch is mechanically locked the following will be prevented:

(a) Mechanical machine—(1) **Latch-operated locking.** Raising lever latch block so that bottom thereof is within three-eighths inch of top of quadrant.

(2) **Lever-operated locking.** Moving lever latch block more than three-eighths inch on top of quadrant.

(b) Electromechanical machine—(1) **Lever moving in horizontal plane.** Moving lever more than five-sixteenths inch when in normal position or more than nine-sixteenths inch when in reverse position.

(2) **Lever moving in arc.** Moving lever more than 5 degrees.

(c) **Power machine.**—(1) **Latch-operated locking.** Raising lever latch block to that bottom thereof is within seven thirty-seconds inch of top of quadrant.

(2) **Lever moving in horizontal plane.** Moving lever more than five-sixteenths inch when in normal position or more than nine-sixteenths inch when in reverse position.

§ 236.334 Point detector.

Point detector shall be maintained so that when switch mechanism is locked in normal or reverse position, contacts cannot be opened by manually applying force at the closed switch point. Point detector circuit controller shall be maintained so that the contacts will not assume the position corresponding to switch point closure if the switch point is prevented by an obstruction, from closing to within one-fourth inch where latch-out device is not used, and to within three-eighths inch where latch-out device is used.

§ 236.335 Dogs, stops and trunnions of mechanical locking.

Driving pieces, dogs, stops and trunnions shall be rigidly secured to locking bars. Swing dogs shall have full and free movement. Top plates shall be maintained securely in place.

§ 236.336 Locking bed.

The various parts of the locking bed, locking bed supports, and tappet stop rail shall be rigidly secured in place and aligned to permit free operation of locking.

§ 236.337 Locking faces of mechanical locking: fit.

Locking faces shall fit squarely against each other with a minimum engagement when locked of at least one-half the designed locking face.

§ 236.338 Mechanical locking required in accordance with locking sheet and dog chart.

Mechanical locking shall be in accordance with locking sheet and dog chart currently in effect.

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