

WAC 296-96-24261 Activation and operation. (1) If activation of the conveyance is by key switch, key pad or swipe card, the activation and operation shall conform to the requirements of (a) and (b) of this subsection. The department may approve alternative methods of equal security.

(a) The key or code shall be entered each time to move the conveyance.

(b) Key-operated switches shall be of the spring return type and shall be operated by a weatherproof cylinder type lock having not less than 5 pin or 5 disc combination with the key removable only when the switch is in the off position.

(2) If activation is provided by a timing circuit that only permits the circuits to be initiated or unlocked for a sufficient amount of time to allow the loading of materials, the operating circuits shall automatically relock:

(a) If the conveyance is not activated within its preset period of time;

(b) When any landing stop button is activated; or

(c) When the car has completed transit to another landing or returns to the department landing.

(3) Emergency stop switches shall be provided on or adjacent to the operating station. Stop switches:

(a) May be of a momentary type;

(b) Shall have red handles or buttons and be conspicuously marked "STOP"; and

(c) Shall open even if springs fail when springs are used.

(4) After initiation of stopping, the car may not automatically restart. Run condition shall be manually initiated.

(5) Design and installation of control and operating circuits shall meet the following:

(a) Control systems based upon the completion or maintenance of an electric circuit shall not be used for interrupting power and applying machine brakes at terminals, stopping elevators when an emergency stop switch is open or when any electrical protective device operates, or for stopping a machine when the safety applies.

(b) If springs are used to activate switches, contact, or circuit breaking relays to stop the elevator at a terminal, the springs shall be of the restrained compression type.

(6) Hand rope operation shall not be used.

[Statutory Authority: Chapter 70.87 RCW. WSR 18-18-070, § 296-96-24261, filed 8/31/18, effective 10/1/18.]