

2021 Virginia Construction Code

CHAPTER 30 ELEVATORS AND CONVEYING SYSTEMS

SECTION 3001 GENERAL

3001.1 Scope.

This chapter governs the design, construction, installation, *alteration* and repair of elevators and conveying systems and their components.

3001.2 Emergency elevator communication systems for the deaf, hard of hearing and speech impaired.

An emergency two-way communication system shall be provided [The system shall provide visible text and audible modes](#) that meet all of the following requirements:

1. [When operating in each mode, include a live interactive system that allows back and forth conversation between the elevator occupants and emergency personnel.](#)
2. [Is operational when the elevator is operational.](#)
3. [Allows elevator occupants to select the text-based or audible mode depending on their communication needs to interact with emergency personnel.](#)

3001.3 Referenced standards.

Except as otherwise provided for in this code, the design, construction, installation, alteration, repair and maintenance of elevators and conveying systems and their components shall conform to the applicable standard specified in [Table 3001.3](#) and [ASCE 24](#) for construction in *flood hazard areas* established in [Section 1612.3](#).

TABLE 3001.3
ELEVATORS AND CONVEYING SYSTEMS AND COMPONENTS

TYPE	STANDARD
Automotive lifts	ALI ALCTV
Belt manlifts	ASME A90.1
Conveyors and related equipment	ASME B20.1
Elevators, escalators, dumbwaiters, moving walks, material lifts	ASME A17.1/CSA B44, ASME A17.7/CSA B44.7
Industrial scissor lifts	ANSI MH29.1
Platform lifts, stairway chairlifts, wheelchair lifts	ASME A18.1

3001.4 Accessibility.

Passenger elevators required to be accessible or to serve as part of an *accessible* means of egress shall comply with [Sections 1009](#) and [1110.8](#).

3001.5 Change in use.

A change in use of an elevator from freight to passenger, passenger to freight, or from one freight class to another freight class shall comply with Section 8.7 of [ASME A17.1/CSA B44](#).

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