



# Requirements for STAIRS

## NFPA 101 - 7.2.2.2.1 Standard Stairs.

Stairs shall meet the following criteria:

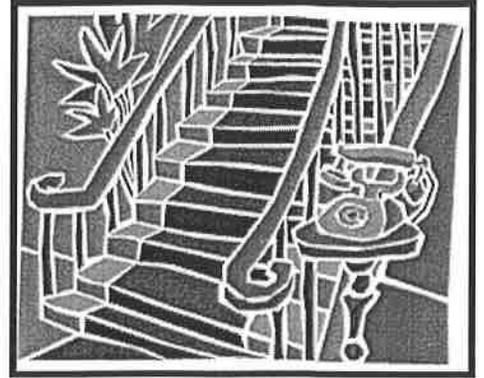
New stairs shall be in accordance with Table 7.2.2.2.1.1(a).

Existing stairs shall be permitted to remain in use, provided that they meet the requirements for existing stairs shown in Table 7.2.2.2.1.1(b).

Approved existing stairs shall be permitted to be rebuilt in accordance with the following:

- (a) Dimensional criteria of Table 7.2.2.2.1.1(b)
- (b) Other stair requirements of 7.2.2.2.1.1(b)

The requirements for new and existing stairs shall not apply to stairs located in industrial equipment access areas where otherwise provided in 40.2.5.3.

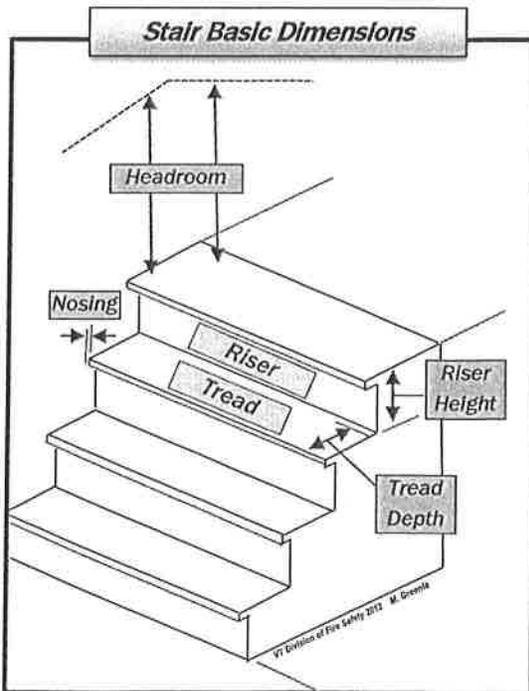


In one and two family dwellings the maximum riser heights of 7 ¾ in. and minimum tread depths of 10 in. shall be permitted in new construction. [Vermont Amendment to 24.2.5.7]

Within any individual dwelling unit, unless protected by an approved automatic sprinkler system, stairs more than one story above or below the entrance floor level of the dwelling unit shall not be permitted. [30.3.1.3]

Spiral stairs complying with the life safe code shall be permitted within a single dwelling unit. [30.2.2.3.3]

**CODE INFORMATION SHEET**  
2015



**Table 7.2.2.2.1.1(a) New Stairs**

Feature	Dimensional Criteria
Minimum width clear of all obstructions except projections not more than 114 mm (4½ in.) at or below handrail height on each side	<b>44 in. (36 in. where total occupant load of all stories served by stairways is fewer than 50)</b>
Maximum Height of Risers	<b>7 in.</b>
Minimum Height of Risers	<b>4 in.</b>
Minimum Tread Depth Measured nosing to nosing	<b>11 in.</b>
Minimum Headroom	<b>6 ft. 8 in.</b>
Maximum Height Between Landings	<b>12 ft.</b>
Landing	See the Life Safety Code

**Table 7.2.2.2.1.1(b) Existing Stairs**

Feature	Dimensional Criteria
Minimum width clear of all obstructions except projections not more than 114 mm (4½ in.) at or below handrail height on each side	<b>36 in.</b>
Maximum Height of Risers	<b>8 in.</b>
Minimum Tread Depth Measured nosing to nosing	<b>9 in.</b>
Minimum Headroom	<b>6 ft. 8 in.</b>
Maximum Height Between Landings	<b>12 ft.</b>
Landing	See the Life Safety Code