

**1311.0503** [Repealed, 39 SR 95]

**1311.0503 SECTION 503, ALTERATIONS.**

Subpart 1. **Section 503.1 General.** IEBC section 503.1, the exceptions, are amended to read as follows:

**Exceptions:**

1. An existing stairway shall not be required to comply with the requirements of the International Building Code provided the existing or replacement stairway complies with the following: Existing stairs in buildings shall be permitted to remain if the rise does not exceed 8.25 inches (210 mm) and the run is not less than 9 inches (229 mm). Existing stairs are permitted to have a minimum width of 36 inches (914 mm), but not less than the width required for the number of occupants served, as determined by the International Building Code.
2. The replacement of an existing stairway may maintain its original rise and run if compliance with exception 1 is technically infeasible.
3. Handrails otherwise required to comply with IBC chapter 10 shall not be required to comply with handrail extension requirements if the handrail extensions hinder the required means of egress.

Subp. 2. **Section 503.3 Existing structural elements carrying gravity load.** IEBC section 503.3 is amended to read as follows:

**503.3 Existing structural elements carrying gravity load.** Any existing gravity load-carrying structural element for which an alteration causes an increase in design dead, live, or snow load, including snow drift effect, that increase the demand-capacity ratio to more than 105 percent shall be replaced or altered as needed to carry the gravity loads as required by the International Building Code for new structures. The evaluation of demand-capacity ratios and calculation of design gravity loads, forces, and capacities shall account for the cumulative effects of additions and alterations since original construction. Any existing gravity load-carrying structural element whose gravity load-carrying capacity is decreased as a part of the alteration shall be shown to have the capacity to resist the applicable design gravity loads required by the International Building Code for new structures.

(The exceptions remain unchanged.)

Subp. 2a. **Section 503.4 Existing structural elements carrying lateral load.** The exception to IEBC section 503.4 is amended to read as follows:

**Exception:** Any existing lateral load-carrying structural element for which an alteration causes an increase in demand-capacity ratio to no more than 110 percent shall be permitted to remain unaltered. For purposes of calculating demand-capacity ratios, the demand shall consider applicable load combinations with design lateral loads or forces in accordance with IBC section 1609. For purposes of this exception, comparisons of demand-capacity ratios and calculation

of design lateral loads, forces, and capacities shall account for the cumulative effects of additions and alterations since original construction.

Subp. 3. [Repealed, 39 SR 95]

Subp. 4. [Repealed, 39 SR 95]

Subp. 5. [Repealed, 39 SR 95]

Subp. 6. [Repealed, 39 SR 95]

Subp. 7. [Repealed, 39 SR 95]

Subp. 8. **Section 503.14 Smoke alarms.** IEBC section 503.14 is amended to read as follows:

**503.14 Smoke alarms.** Individual sleeping units and individual dwelling units in Group R and I-1 occupancies shall be provided with smoke alarms in accordance with the Minnesota Building Code, chapter 1305.

Subp. 9. **Section 503.15 Carbon monoxide alarms.** IEBC section 503.15 is amended to read as follows:

**503.15 Carbon monoxide alarms.** Carbon monoxide alarms shall be provided to protect sleeping units and dwelling units in Group I-1, I-2, I-4, and R occupancies in accordance with IBC section 915.

(The exceptions remain unchanged.)

**Statutory Authority:** *MS s 16B.59; 16B.61; 16B.64; 326B.02; 326B.101; 326B.106; 326B.13*

**History:** *27 SR 1479; L 2007 c 140 art 4 s 61; art 13 s 4; 39 SR 95; 44 SR 487*

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