505.4

Errata IEBC Chapter 5

Code/Standard: 2021 International Existing Building Code

Applies to following Printings: 2nd Printing

Section/Table/Figure Number: Section 505.4

Posted: September 6, 2022

Correction:

505.4 Bars, grilles, covers or screens. Bars, grilles, covers, screens or similar devices are permitted to be placed over *emergency escape and rescue openings*, bulkhead enclosure or window wells that serve such openings, provided all of the following conditions are met:

1. The minimum net clear opening size complies with the code that was in effect at the time of construction.
2. Such devices shall be releasable or removable from the inside without the use of a key, tool or force greater than that which is required for normal operation of the escape and rescue opening.
3. Where such devices are installed, they shall not reduce the net clear opening of the emergency escape and rescue openings.
4. Smoke alarms shall be installed in accordance with Section 907.2.11 ~~907.2.10~~ of the *International Building Code*.

702.4

Errata IEBC Chapter 7

Code/Standard: 2021 International Existing Building Code

Applies to following Printings: 2nd Printing

Section/Table/Figure Number: Section 702.4

Posted: September 6, 2022

Correction:

702.4 Window opening control devices on replacement windows. In Group R-2 or R-3 buildings containing dwelling units and one- and two-family dwellings and townhouses regulated by the *International Residential Code*, window opening control devices or fall prevention devices complying with ASTM F2090 shall be installed where an existing window is replaced and where all of the following apply to the replacement window:

1. The window is operable.
2. One of the following applies:
    2.1. The window replacement includes replacement of the sash and frame.
    2.2. The window replacement includes the sash only where the existing frame remains.
3. One of the following applies:
    3.1. In Group R-2 or R-3 buildings containing dwelling units, the bottom of the clear opening of the window opening is at a height less than 36 inches (915 mm) above the finished floor.
    3.2. In one- and two-family dwellings and townhouses regulated by the *International Residential Code*, the bottom of the clear opening of the window opening is at a height less than 24 inches (610 mm) above the finished floor.
0. The window will permit openings that will allow passage of a 4-inch-diameter (102 mm) sphere when the window is in its largest opened position.
1. The vertical distance from the bottom of the clear opening of the window opening to the finished grade or other surface below, on the exterior of the building, is greater than 72 inches (1829 mm).

Exception: Operable windows where the bottom of the clear opening of the window opening is located more than 75 feet (22 860 mm) above the finished grade or other surface below, on the exterior of the room, space or building, and that are provided with window fall prevention devices that comply with ASTM F2006.

Reason: EB63-19 made this change and was missed in super supplement and correlation tool.

702.5

Errata IEBC Chapter 7

Code/Standard: 2021 International Existing Building Code

Applies to following Printings: 2nd Printing

Section/Table/Figure Number: Section 702.5

Posted: September 6, 2022

Correction:

702.5 Replacement window for emergency escape and rescue openings. Where windows are required to provide *emergency escape and rescue openings* in Group R-2 and R-3 occupancies and one- and two-family dwellings and townhouses regulated by the *International Residential Code*, replacement windows shall be exempt from the requirements of Section 1031.3 of the *International Building Code* and Section R310.2 of the *International Residential Code*, provided that the replacement window meets the following conditions:

1. 1.The replacement window is the manufacturer's largest standard size window that will fit within the existing frame or existing rough opening. The replacement window shall be permitted to be of the same operating style as the existing window or a style that provides for an equal or greater window opening area than the existing window.
2. 2.Where the replacement window is part of a *change of occupancy* it shall comply with Section 1011.5.6.

[BS]705.2.1

Errata IEBC Chapter 7

Code/Standard: 2021 International Existing Building Code

Applies to following Printings: 1st Printing

Section/Table/Figure Number: Section [BS]705.2.1

Posted: January 22, 2021

Correction:

[BS]705.2.1 Roof recover. The installation of a new roof covering over an existing roof covering shall be permitted where any of the following conditions occur:

1. The new roof covering is installed in accordance with the roof covering manufacturer's *approved* instructions.
2. Complete and separate roofing systems, such as standing-seam metal roof panel systems, that are designed to transmit the roof loads directly to the building's structural system and that do not rely on existing roofs and roof coverings for support, shall not require the removal of existing roof coverings ~~are installed~~.
3. Metal panel, metal shingle and concrete and clay tile roof coverings shall be permitted to be ~~are~~ installed over existing wood shake roofs when applied in accordance with Section 705.3.
4. ~~A new protective *roof coating* is applied~~ The application of a new protective roof coating over an existing protective *roof coating*, a metal roof panel, built-up roof, spray polyurethane foam roofing system, metal roof shingles, mineral-surfaced roll roofing, ~~a built-up roof~~, modified bitumen roofing or, thermoset and thermoplastic single-ply roofing ~~or a spray polyurethane foam roofing system~~ shall be permitted without tear off of existing roof coverings.

[BS]705.2.1.1

Errata IEBC Chapter 7

Code/Standard: 2021 International Existing Building Code

Applies to following Printings: 1st Printing

Section/Table/Figure Number: Section [BS]705.2.1.1

Posted: January 22, 2021

Correction:

[BS]705.2.1.1 Exceptions.

A roof recover shall not be permitted where any of the following conditions occur:

1. Where the existing roof or roof covering is water soaked or has deteriorated to the point that the existing roof or roof covering is not adequate as a base for additional roofing.
2. Where the existing roof covering is slate, clay, cement or asbestos-cement tile.
3. Where the existing roof has two or more applications of any type of roof covering.

1103.1

Errata IEBC Chapter 11

Code/Standard: 2021 International Existing Building Code

Applies to following Printings:

Section/Table/Figure Number: Section 1103.1

Posted: September 6, 2022

Correction:

[BS]1103.1Additional gravity loads. Any existing gravity load-carrying structural element for which an *addition* and its related *alterations* cause an increase in design dead, live or snow load, including snow drift effects, of more than 5 percent shall be replaced or altered as needed to carry the gravity loads required by the *International Building Code* for new structures. Any existing gravity load-carrying structural element whose gravity load-carrying capacity is decreased as part of the *addition* and its related *alterations* shall be considered to be an altered element subject to the requirements of Section 805.2. Any existing element that will form part of the lateral load path for any part of the *addition* shall be considered to be an existing lateral load-carrying structural element subject to the requirements of Section 1103.2 ~~1103.3~~.

Exception: Buildings of Group R occupancy with not more than five dwelling units or sleeping units used solely for residential purposes where the *existing building* and the *addition* together comply with the conventional light-frame construction methods of the *International Building Code* or the provisions of the *International Residential Code*.

1205.1

Errata IEBC Chapter 12

Code/Standard: 2018 International Existing Building Code
Applies to following Printings: 4th Printing
Section/Table/Figure Number: Section 1205.1
Posted: March 24, 2021

Correction:

[BS]1205.1General. *Historic buildings* shall comply with the applicable structural provisions for the work as classified in Chapter 6 ~~Chapter 4 or 5~~.

Exceptions:

1. The *code official* shall be authorized to accept existing floors and existing live loads and to approve operational controls that limit the live load on any floor.
2. Repair of *substantial structural damage* is not required to comply with Sections 405.2.3 and 405.2.4. *Substantial structural damage* shall be repaired in accordance with Section 405.2.1.

1301.6.2.2

Errata IEBC Chapter 13

Code/Standard: 2021 International Existing Building Code

Applies to following Printings: ??

Section/Table/Figure Number: Section 1301.6.2.2

Posted: January 17, 2025

Correction:

Delete comma in 4th sentence

1301.6.2.2 Area formula. The following formulas shall be used in computing the area value. Equation 13-4 shall be used for a single occupancy buildings and Equation 13-5 shall be used for multiple occupancy buildings. Determine the area value for each occupancy floor area on a floor-by-floor basis. For multiple occupancy$_T$ buildings with the minimum area value of the set of values obtained for the particular occupancy shall be used as the area value for that occupancy.

For single occupancy buildings: (Balance of section not shown)

1501.6.4.1

Errata IEBC Chapter 15 CONSTRUCTION SAFEGUARDS

Code/Standard: IEBC 2021

Applies to following Printings: 1st & 2nd

Section/Table/Figure Number: 1501.6.4.1

Posted: June 13, 2025

Correction:

[BS] 1501.1.6.1 Barrier design. Barriers shall be designed to resist loads required in Chapter 16 of the International Building Code unless constructed as follows:

1. Barriers shall be provided with 2-inch by 4-inch (51 mm by 102 mm) top and bottom plates.
2. The barrier material shall be boards not less than 3/4 inch (19.1 mm) in thickness or wood structural use panels not less than 1/4 inch (6.4 mm) in thickness.
3. Wood structural use panels shall be bonded with an adhesive identical to that for exterior wood structural use panels.
4. Wood structural use panels 1/4 inch (6.4 mm) or ~~15/16~~ 5/16 inch (~~23.8~~ 7.9 mm) in thickness shall have studs spaced not more than 2 feet (610 mm) on center.
5. Wood structural use panels 3/8 inch (9.5 mm) or 1/2 inch (12.7 mm) in thickness shall have studs spaced not more than 4 feet (1219 mm) on center, provided that a 2-inch by 4-inch (51 mm by 102 mm) stiffener is placed horizontally at mid-height where the stud spacing is greater than 2 feet (610 mm) on center.
6. Wood structural use panels 5/8 inch (15.9 mm) or thicker shall not span over 8 feet (2438 mm).

Correlation Notes: Correlates with duplicative Section 3306.6 in the IBC and corrects metric conversion

ASME

Errata 2021 IEBC Chapter 16

Code/Standard: 2021 International Existing Building Code
Applies to following Printings: 1st printing
Section/Table/Figure Number: ASME
Posted: November 1, 2021

ASME

A17.3—~~2020~~ 2017 Safety Code for Existing Elevators and Escalators

ASTM

Errata 2021 IEBC Chapter 16

Code/Standard: 2021 International Existing Building Code
Applies to following Printings: 1st printing
Section/Table/Figure Number: ASTM
Posted: November 1, 2021

ASTM

E136—~~16A~~ 2019 Test Method for Behavior of Materials in a Vertical Tube Furnace at 750°C

A108.2

Errata IEBC Appendix Chapter A1

Code/Standard: 2021 International Existing Building Code

Applies to following Printings:

Section/Table/Figure Number: Section A108.2

Posted: September 6, 2022

Correction:

[BS]A108.2 Masonry shear strength.
The unreinforced masonry shear strength, v_{mL}, shall be determined for each masonry class from one of the following equations:

1.1. When testing is performed in accordance with Section A106.2.3.1, the unreinforced masonry shear strength, v_m, shall be determined by Equation A1-3.

$$v_{mL} = \frac{0.75\left(0.75v_{tL} + \frac{P_D}{A_n}\right)}{1.5}$$

~~$$v_{mL} = \frac{0.75\left(0.75v_{tL}\frac{P_D}{A_n}\right)}{1.5}$$~~

(Equation A1-3)

The mortar shear strength values, v_{tL}, shall be determined in accordance with Section A106.2.3.6.

2. When alternate testing is performed in accordance with Section A106.2.3.3, unreinforced masonry shear, v_{mL}, shall be determined by Equation A1-4.

$$v_{mL} = \frac{0.75\left(f_{sp} + \frac{P_D}{A_n}\right)}{1.5}$$

(Equation A1-4)