

Review of the model code changes/2024 I-Codes changes – Statistics.

Note – Not including the 2024 IECC.

Total number of mods – **1047** [609 Correlate directly (58.2%) +438 Overlap (41.8%)]

By Sub-code –

Building – **500**

Residential – **266**

Existing Building – 91

Energy – **Not available**

Fuel Gas – 16

Mechanical – 101

Plumbing – 73

By Technical Advisory Committee (TAC):

Accessibility – 41

Code Admin – 74

Electrical – 5

Energy – Not available

Fire – **309**

Mechanical -113

Plumbing – 98

Roofing – 75

Structural – **304**

Special Occupancy – 26

Swimming Pool – 2

Overlap: Original text of the 2024 I – Code change is not consistent with that of the 2023 FBC.

Correlate directly: Original text of the 2024 I-Code change is consistent with that of the 2023 FBC.

Examples:

Overlap -

2024 IRC code change

R11566/RB252-22:

R902.1 Roof ~~covering materials~~ assemblies. Roofs shall be covered with materials as set forth in ~~Section~~ Sections R904 and or with roof coverings as set forth in Section R905. Class A, B or C ~~roofing roof assemblies~~ shall be installed in *jurisdictions* designated by law as requiring their use or where the edge of the roof is less than 3 feet (914 mm) from a *lot line*. Where Class A, B or C roof assemblies are required, they shall be tested in accordance with ASTM E108 or UL 790. Where required, the roof assembly shall be listed ~~Class A, B and C roofing required by this section to be listed shall be tested in accordance with ASTM E108 or UL 790.~~

2023 FBC-B

R902.1 Roofing covering materials. Roofs shall be covered with materials as set forth in Sections R904 and R905. Class A, B or C *roof assemblies* shall be installed in jurisdictions designated by law as requiring their use or where the edge of the roof is less than 3 feet (914 mm) from a lot line. Where Class A, B, or C *roof assemblies* are required, they shall be tested in accordance with ASTM E108 or UL 790. Where required, the *roof assembly* shall be *listed* and identified as to Class by an *approved* testing agency.

Correlate Directly-

2024 IBC code change

CA10580/ADM35-22

[A] 104.11 Alternative materials, design and methods of construction and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by this code, provided that any such alternative has been approved. An alternative material, design or method of construction shall be approved where the building official finds that the proposed alternative meets all of the following:

1. The alternative material, design or method of construction is satisfactory and

complies with the intent of the provisions of this code,

2. The material, method or work offered is, for the purpose intended, not less than the equivalent of that prescribed in this code as it pertains to the following:

2.1. Quality.

2.2. Strength.

2.3. Effectiveness.

2.4. Fire resistance.

2.5. Durability.

2.6. Safety.

Where the alternative material, design or method of construction is not approved, the building official shall respond in writing, stating the reasons why the alternative was not approved.

Exception: Performance-based alternative materials, designs or methods of construction complying with the ICC Performance Code.

2023 FBC-B

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2.2. Strength.

2.3. Effectiveness.

2.4. Fire resistance.

2.5. Durability.

2.6. Safety.

Where the alternative material, design or method of construction is not approved, the building official shall respond in writing, stating the reasons why the alternative was not approved.