

Proposed Adoption and Amendments of 2012 the Model Building Codes

(Amendments may be read by clicking the link to the Text of proposed rules)

2012 International Building Code

Includes adoption of the 2012 International Existing Building Code and 2009 ANSI A117.1 accessibility code

[CR-102](#), Proposed Rule Making form with [summary of proposed rules](#)

Small Business [Economic Impact Statement](#)

Text of [proposed rules](#) ([html version](#))

2012 International Residential Code

[CR-102](#), Proposed Rule Making form with summary & SBEIS

Text of [proposed rules](#) ([html version](#))

2012 International Fire Code

[CR-102](#), Proposed Rule Making form with [summary of proposed rules](#)

Small Business Economic [Impact Statement](#)

Text of [proposed rules](#) ([html version](#))

2012 International Energy Conservation Code****(see addn Changes from 1/30/12 mtg)

Residential Energy Code

[CR-102](#), Proposed Rule Making form with summary of proposed rules

Small Business Economic [Impact Statement](#)

Text of [proposed rules](#) ([annotated version](#)) ([html version](#) [not annotated])

Draft Preliminary Residential [Cost Analysis](#) by Ecotope

Preliminary Residential economic analyses based Ecotope data: [Alt. 1](#) [Alt. 2](#)

Commercial Energy Code

[CR-102](#), Proposed Rule Making form with summary of proposed rules

Small Business Economic [Impact Statement](#)

Text of proposed rules: [Part I](#) [Part 2](#) [html version](#) ([annotated version](#) [does not contain appendices])

[Errata](#) for published Commercial Energy text

See [changes](#) to above documents adopted by the Council on November 30, 2012

2012 International Mechanical Code

Includes adoption of 2012 International Fuel Gas Code, 2011 NFPA 58, and 2012 NFPA 54

[CR-102](#), Proposed Rule Making form with summary of proposed rules

Text of [proposed rules](#) [html version](#)

2012 Uniform Plumbing Code

[CR-102](#), Proposed Rule Making form with summary of proposed rules

Text of [proposed rules](#) html [version](#)

2012 International Energy Conservation Code****(see addn Changes from 1/30/12 mtg)

Section No.

	Description
1	Table Residential Simulated Performance Alternative - Specifications for R405.5.2(1) Standard Reference Design - References Federal Efficiency Standards - PASSED UNANIMOUSLY
2	Table Mass Wall Envelope Requirements - Adopt Option 1, with adjustment to C402.1.2 U-value - FAILED , 5 to 7
3	Table Mass Wall Envelope Requirements - Adopt Option 2, with adjustment to C402.1.2 footnote - PASSED , with one opposing vote
4	C406 Commercial Additional Energy Efficiency Measures - Do not adopt Section C406 - PASSED UNANIMOUSLY
5	C409 Metering - Increase metering threshold, modify display requirements and other minor fixes - PASSED with modification (Section 409.3.1: 3. Electrical energy not fed through <u>variable frequency drives that are connected to the energy metering data acquisition center.</u>)
6	C402.4.1.2 Air Barrier Testing - Requires air barrier testing for all commercial buildings - PASSED UNANIMOUSLY
7	Table Slab Edge Insulation - Reduce perimeter insulation requirement to R-10 - C402.2 PASSED UNANIMOUSLY
8	C403.4.1 Economizers - Reinstate exception from 2009 WSEC for chilled water systems - PASSED UNANIMOUSLY
9	C101.4.3 Lighting Alterations in Existing Buildings - Clarification of requirement - PASSED UNANIMOUSLY
10	C101.4.3.1 Change of Use - Clarification of language - PASSED UNANIMOUSLY
11	C101.5.2 Low Energy Buildings - Exempts Low Energy buildings from all thermal envelope provisions; Semi-heated buildings are exempt only from wall insulation provisions - PASSED with modification (Amendment to C101.5.2.1 was superseded by action on #12)
12	C101.5.2 Semi Heated Spaces, Version 2 - New definition for semi heated, different option for differentiating low energy & semi heated buildings - PASSED with modification (Amendment of C101.5.2 was not adopted; language from #11 preferred)
13	Definitions Daylight Zone - Add a definition for under atrium glazing - PASSED UNANIMOUSLY
14	Definitions Low Voltage Lighting - Delete amp reference from definition - PASSED UNANIMOUSLY
15	C402.1 Target UA - Adjustment to the formula to correlate with IECC language - PASSED UNANIMOUSLY
16	Table Footnote f - Revision to table for c.i. values with metal penetrations -

	C402.2	PASSED UNANIMOUSLY
<u>17</u>	Table	Metal Building Roof - Revise the thermal block R-value for consistency with ASHRAE - PASSED UNANIMOUSLY
<u>18</u>	C402.3.2	Skylight Area - Limits the scope of required skylights - PASSED UNANIMOUSLY
<u>19</u>	C403.2.4.4	Shut Off Damper Controls - Correlates requirements with IMC - PASSED UNANIMOUSLY
<u>20</u>	C403.2.12	Fan and Pump Systems - Clarification that the requirements apply to motor nameplate horsepower - PASSED UNANIMOUSLY
<u>21</u>	C403.2.5.3	Garage Ventilation - Correlates requirements with the IMC - PASSED UNANIMOUSLY
<u>22</u>	C403.3.1.1	Economizers (Simple systems) - Clarifies part load requirements to be equivalent to 2009 WSEC - PASSED UNANIMOUSLY
<u>23</u>	C403.4.3.4	Economizers (Complex systems) - Clarification of part load requirements - PASSED UNANIMOUSLY
<u>24</u>	C403.4.5	VAV System requirements for complex mechanical systems - Adds the design capability for other standards required for healthcare occupancies - PASSED UNANIMOUSLY
<u>25</u>	C404.6	Pipe Insulation - Adds an exception for piping outside of the recirculation zone - PASSED UNANIMOUSLY
<u>26</u>	C405.1	Dwelling Unit Lighting - Changes the requirement for high efficacy lighting from 50% of luminaires to 75% of lamps - PASSED UNANIMOUSLY (with typo fixed)
<u>27</u>	C405.2.3	Emergency Lighting Controls - Clarification of the automatic control requirements for emergency egress lighting - PASSED UNANIMOUSLY (with typos fixed)
<u>28</u>	Table	Total Building Performance method - Modify footnote h to correlate with ASHRAE 90.1 - PASSED UNANIMOUSLY
<u>29</u>	Table	Total Building Performance method - Adjusting the standard reference design specifications for heat pumps - PASSED UNANIMOUSLY
<u>30</u>	Appendix A	Table A103.3.7.1(2) - Add missing footnotes to table for Default U-Factors for Concrete and Masonry Walls - PASSED UNANIMOUSLY
<u>31</u>	Appendix A	Table A103.3.7.2 - Add footnotes to table for Peripheral Edges of Intermediate Concrete Floors - PASSED UNANIMOUSLY
32	Appendix A	Duane Jonlin proposed a new table in place of A103.3.7.1(1) - FAILED , 1 to 8
33	Appendix A	Eric Vander Mey proposed an additional note for Table A103.3.7.1(1): <u>Concrete Masonry Unit (CMU) assembly u-values are based on local test data for Washington State CMU block material using the ASTM C-236-87 steady state thermal conductance test. Tests included an 8"x8"x16" CMU with all cells filled with vermiculite (1995) and 8"x8"x16" CMU with all cells filled with polymaster foam in place insulation (1996). Refer to ASHRAE Standard 90.1 for additional nationally recognized data on the thermal performance of CMU block walls.</u> - PASSED , 8 to 2