

1 An Ordinance adopting the International Energy Conservation Code, 2009 Edition with changes, as
2 the Energy Conservation Code of the City of Saint Louis; repealing Ordinances 66786; and
3 containing a penalty clause, a savings clause and an emergency clause.

4 **BE IT ORDAINED BY THE CITY OF SAINT LOUIS AS FOLLOWS:**

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6 ***SECTION ONE.***

7 Ordinance 66786 approved August 2, 2005, pertaining to the Energy Conservation Code of the
8 City of Saint Louis which adopted the 2003 International Energy Conservation Code, 2004
9 Supplement, is hereby repealed.

10 ***SECTION TWO.***

11 The International Energy Conservation Code, 2009 Edition, as published by the International Code
12 Council, Inc., one copy of which is on file in the Office of the Register of the City of Saint Louis,
13 being marked and designated as the International Energy Conservation Code is hereby adopted as
14 the Energy Conservation Code of the City of Saint Louis, in the State of Missouri pursuant to this
15 Ordinance and in conformity with Section 71.943 RSMo; and that each and all of the regulations,
16 provisions, penalties, conditions and terms of said Energy Conservation Code are hereby referred to,
17 adopted and made a part hereto, as if fully set out in this ordinance with the additions, insertions,
18 deletions and changes prescribed in Section Four of this ordinance.

19 ***SECTION THREE.***

20 That the 2009 Edition of the International Energy Conservation Code is amended and changed in the
21 following respects:

Date: October 15, 2010

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Board Bill # 184

Sponsored by: Alderwoman Phyllis Young

1 Change Section 101.1 to read as follows:

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101.1 Title. These regulations shall be known as the International Energy Conservation Code of the City of Saint Louis, hereafter referred to as “this code.”

Change Table 402.1 to read as follows:

**TABLE 402.1
INSULATION AND FENESTRATION REQUIREMENTS BY COMPONENT^a**

CLIMATE ZONE	FENESTRATION U-FACTOR ^b	SKYLIGHT ^b U-FACTOR	GLAZED FENESTRATION SHGC ^{c,d}	CEILING R-VALUE	WOOD FRAME WALL R-VALUE	MASS WALL R-VALUE ^e	FLOOR R-VALUE	BASEMENT ^f WALL R-VALUE	SLAB ^g R-VALUE & DEPTH	CRAWL SPACE ^h WALL
4	0.40	0.60	NR	30	13	5/10	19	13	10, 2 ft	5

8 For SI: 1 foot = 304.8 mm.

- 9 a. *R*-values are minimums. *U*-factors and SHGC are maximums. R-19 batts compressed into a
- 10 nominal 2 × 6 framing cavity such that the *R*-value is reduced by R-1 or more shall be marked with
- 11 the compressed batt *R*-value in addition to the full thickness *R*-value.
- 12 b. The fenestration *U*-factor column excludes skylights. The SHGC column applies to all
- 13 glazed fenestration.
- 14 c. “15/19” means R-15 continuous insulated sheathing on the interior or exterior of the home or
- 15 R-19 cavity insulation at the interior of the basement wall. “15/19” shall be permitted to be met
- 16 with R-13 cavity insulation on the interior of the basement wall plus R-5 continuous insulated
- 17 sheathing on the interior or exterior of the home. “10/13” means R-10 continuous insulated
- 18 sheathing on the interior or exterior of the home or R-13 cavity insulation at the interior of the
- 19 basement wall.
- 20
- 21 d. R-5 shall be added to the required slab edge *R*-values for heated slabs. Insulation depth shall be
- 22 the depth of the footing or 2 feet, whichever is less in Zones 1 through 3 for heated slabs.
- 23 i. The second *R*-value applies when more than half the insulation is on the interior of the mass
- 24 wall.

26 Change Section 402.2.7 to read as follows:

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402.2.7 Basement walls. Walls associated with conditioned basements shall be insulated from the top of the basement wall down to 10 feet below grade or to the basement floor, whichever is less. Walls associated with unconditioned basements with less than twenty percent (20%) exposure above finish grade (based on height of wall x basement perimeter excluding unheated basement garages) may be uninsulated walls.

1 **SECTION Four....PENALTY CLAUSE**

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3 Any person who shall violate a provision of this code or shall fail to comply with any of the
4 requirements thereof, or who shall erect, construct, alter, extend, repair, remove, demolish, use or
5 occupy any building, structure or premises or equipment regulated by this code in violation of an
6 approved construction document or directive of the code official or the Board of Building Appeals,
7 or of a permit or certificate issued under the provisions of this code, and shall, upon conviction
8 thereof, be punished by a fine of not more than five hundred dollars (\$500), or by imprisonment not
9 exceeding ninety (90) days, or both such fine and imprisonment. Each day that a violation continues
10 shall constitute a separate and distinct offense.

11 **SECTION FIVE....SAVINGS CLAUSE**

12 That nothing in this Ordinance or in the Building Code hereby adopted shall be construed to affect
13 any suit or proceeding impending in any court, or any rights acquired, or liability incurred, or any
14 cause or causes of action acquired or existing; nor shall any just or legal right or remedy of any
15 character be lost, impaired or affected by this ordinance.

16 **SECTION SIX....EMERGENCY CLAUSE**

17 This being an ordinance necessary for the immediate preservation of the public safety, it is hereby
18 declared to be an emergency measure and shall become effective immediately upon its approval by
19 the Mayor.

Date: October 15, 2010

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