

LOWER SWATARA TOWNSHIP CODES DEPARTMENT

Adopted Codes in effect as of October 1, 2018

If your project was under contract for design or construction before October 1, 2018, you may submit plans and specifications based upon 2009 ICC Codes with your permit application through March 31, 2019 if accompanied by an executed copy of your contract. All applications from April 1, 2019 on must be designed under the 2015 Codes, regardless of when the design contract was executed.

There are many code sections that were amended or deleted by the PA UCC Review and Advisory Committee. The changes can be found in the PA Bulletin published September 28, 2018. A link on the township website is available. The following list is of the adopted codes and most of the amendments.

International Building Code 2015: for buildings and structures not regulated by the IRC

- Chapter 1 is not adopted (most of its requirements are incorporated in Chapter 403 of the UCC regulation)
- Chapter 27 (Electrical) requires that structures regulated by the IBC comply with the requirements of NFPA 70-2014, **National Electric Code**.
- R-3 occupancies and only within R-2 units, risers permitted to be 8 ¼", treads 9" and 1" nosing shall be provided on solid risers.
- Section 913.2.2 (relating to circuits supplying fire pumps) is *excluded*.
- Section 3006: Enforced at municipal level for fire and smoke provisions of elevator lobbies.
- Amended: Section 2609.4 (relating to area limitations and greenhouses), exception three is modified to include "or maintaining plants."

International Building Code 2009

- Appendix H for signs

Accessibility

- Chapter 11 IBC, Appendix E 2018 IBC and ICC ACC ICC 117.1-2009 ANSI,

International Energy Conservation Code 2015: see below, 3 code years in effect

- The following sections have been *amended*
- Chapter RE 2 is amended by adding the definition of "framing factor" as the fraction of the total building component area that is structural framing.
- Table R402.1.2 (relating to insulation and fenestration requirements by component) is amended by adding "or 18 + 6.5H" to climate zone 6 wood frame wall R-value.
- Table R402.1.2 (relating to insulation and fenestration requirements by components) is amended by adding footnote j which permits R-18 insulation to be permitted in place of R-20 requirement provided the wall framing factor is 20% or less or exterior walls with 24" o.c. nominal vertical stud spacing.
- Section R402.4.1.2 (relating to testing) is amended as having an air leakage rate not exceeding five air changes per hour for all climate zones.
- Section R405.2 (relating to mandatory requirements) is amended to require compliance with the mandatory provisions of section R402.4.1.2.

The following sections of the **2015 IECC** are NOT adopted

- Section R102.1.1 (relating to above code programs).
- Section C104.2.6 (relating to final inspection).

- Section R403.3.5 (relating to building cavities (mandatory)).
- Section R403.5.2 (relating to demand recirculation systems).
- Table R406.4 (relating to maximum energy rating index).
- Section C408.2.4 (relating to preliminary commissioning report).

International Energy Conservation Code 2009: The following are adopted

- Section 102.1.1 (relating to above code programs).
- Section 104.3 (relating to final inspection).
- Section 403.2.3 (relating to building cavities).

International Energy Conservation Code 2018: The following are adopted

- Section R403.3.6 (relating to ducts buried within ceiling insulation).
- Section R403.3.7 (relating to ducts located in conditioned space).
- Table R406.4 including footnote "a" (relating to maximum energy rating index).

International Existing Building Code 2015

- ***Amended:*** Section 101.2 (relating to scope) is modified to add an exception for detached residential buildings and townhouses not more than three stories above grade plane in height with a separate means of egress and their accessory structures to comply with either the International Existing Building Code 2015 or the International Residential Code 2015.

International Fire Code 2015

- Adopted only to the extent referenced in Chapter 35 of the International Building Code 2015.
- Section 806.1.1 is not adopted, relating to natural cut trees.

International Fuel Gas Code 2015

- Any LPG requirements are exempt by the requirements of Pennsylvania's Propane and Liquefied Petroleum Gas Act (and regulations)
- Section 310.3 of the 2018 IFGC is adopted, which relates to arc resistant CSST

International Mechanical Code 2015

International Performance Code for Buildings and Facilities 2009 (provides alternative compliance approach)

International Plumbing Code 2015

International Residential Code 2015 is adopted with the exceptions listed below, several code years apply

The following are Excluded from the 2015 IRC

- Section R302.5.1 (relating to opening protection).
- Section R322.2.1 (relating to elevation requirements for flood hazard areas).
- Section R322.3.2 (relating to elevation requirements for coastal high hazard areas).
- Section R325.5 (relating to openness).
- Table R507.6 (relating to deck beam span lengths).
- Table R602.7.5 (relating to minimum number of full height studs at each end of headers in exterior walls).
- Section N1101.4 (relating to above code programs).
- Section N1103.3.5 (relating to building cavities).
- Section N1103.5.2 (relating to demand recirculation systems).
- Table N1106.4 (relating to maximum energy rating index).
- Section P2503.5.1 (relating to rough plumbing).
- Section E3901.7 (relating to outdoor outlets).

The following **2015 IRC** sections are Amended

- Section N1101.6 (relating to defined terms) is amended by adding the definition of "framing factor" as the fraction of the total building component area that is structural framing.
- Table 1102.1.2 (relating to insulation and fenestration criteria) is amended by adding "or 18 + 6.5H" to climate zone 6 wood frame wall R-value.
- Table N1102.1.2 (relating to insulation and fenestration requirements by components) is amended by adding footnote j which permits R-18 insulation to be permitted in place of R-20 requirement provided the wall framing factor is 20% or less or exterior walls with 24" o.c. nominal vertical stud spacing.
- Section N1102.4.1.2 (relating to testing) is amended as having an air leakage rate not exceeding five air changes per hour for all climate zones.
- Section N1105.2 (relating to mandatory requirements) is amended to require compliance with the mandatory provisions of section N1102.4.1.2.
- Section M1601.4.1, exception 3 (relating to joints, seams, and connections) is amended by excluding this exception for snap-lock and button-lock type joints and seams located outside of conditioned spaces.
- Section M1602.2 item 2 (relating to return air openings) is amended to add the word perimeter before the first use of the word room.
- Section E3901.11 (relating to foyers) is amended by replacing 3 feet (914 mm) with 6 feet (1829 mm) and a minimum of one receptacle.

International Residential Code 2009: The following are adopted

- Section R302.5.1 (relating to opening protection).
- Section R322.2.1 (relating to elevation requirements for flood hazard areas).
- Section R322.3.2 (relating to elevation requirements for coastal high hazard areas).
- Section N1101.8 (relating to above code programs).
- Section N1103.2.3 (relating to building cavities).
- Section P2503.5.1 (relating to rough plumbing).
- Section E3901.7 (relating to outdoor outlets).

International Residential Code 2018: The following are adopted

- Section R325.5 (relating to openness) is adopted except for exception 2.
- Table R507.5 (relating to deck beam span lengths).
- Section R602.3.1 (relating to stud size, height, and spacing) exception 3.
- Table R602.3 (6) (relating to alternate wood bearing wall stud size, height, and spacing).
- Table R602.7.5 (relating to minimum number of full height studs at each end of headers in exterior walls).
- Section N1103.3.6 (relating to ducts buried within ceiling insulation).
- Section N1103.3.7 (relating to ducts located in conditioned space).
- Table N1106.4 including footnote "a" (relating to maximum energy rating index).