



**COMMUNITY SERVICES DEPARTMENT**

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January 3, 2017 (revision)

**\*\*NOTICE\*\***

**SB-10 ENERGY EFFICIENCY PERMIT  
SUBMISSION REQUIREMENTS FOR 2017**

This is a reminder that effective January 1, 2017, the document submission requirements for all permit applications filed for new Part 9 non-residential and Part 3 buildings, including additions, is changing. This is applicable to all applications submitted after December 30, 2016.

The Part 12 and Supplementary Standard SB-10 of the 2012 Ontario Building Code outline the energy efficiency requirements for both Part 3 buildings and Part 9 non-residential buildings. New requirements in SB-10 come into effect January 1, 2017 that will result in a 13% improvement over current energy efficiency measures.

The Ministry of Municipal Affairs (MMA) is currently revising the options applicants can use to demonstrate compliance with the requirements of SB-10. While the new compliance options will take effect on January 1, 2017, a grace period will be granted for permit applications submitted prior to December 31, 2017. This will allow applicants to follow the compliance options provided for in Divisions 3 and 5 of the **current** version of SB-10

**Requirements for January 1 to December 31, 2017:**

Permit applications submitted between January 1 and December 31, 2017 require compliance with the **current** version of SB-10 using one of the following compliance options:

1. Exceed by not less than 38% the energy efficiency levels attained by conforming to CCBFC NRCC 38730, "1997 Model National Energy Code for Buildings". This will require energy modeling.
2. Exceed by not less than 18% the energy efficiency levels attained by conforming to ANSI/ASHRAE/IES 90.1-2010, "Energy Standard for Buildings Except Low-Rise Residential Buildings". This will require energy modeling.
3. Exceed by not less than 13% the energy efficiency levels attained by conforming to CCBFC NRCC 54435, "2011 National Energy Code of Canada for Buildings" and Chapter 3 in Division 2 of SB-10. This will require energy modeling.
4. Achieve the energy efficiency levels attained by conforming to ANSI/ASHRAE/IES 90.1-2010, "Energy Standard for Buildings Except Low-Rise Residential Buildings" and Chapter 2 of Division 3 of SB-10.
5. Achieve the energy efficiency levels attained by conforming to the prescriptive requirements in Division 5 of SB-10. (Applicable only to certain Part 9 non-residential buildings).

### **Requirements after December 31, 2017:**

Permit applications submitted after December 31, 2017 require compliance with the updated version of SB-10 (January 1, 2017) using one of the following compliance options:

1. Achieve the energy efficiency levels attained by conforming to ANSI/ASHRAE/IES 90.1-2013, “Energy Standard for Buildings Except Low-Rise Residential Buildings” and Chapter 2 of Division 3 of SB-10.
2. Achieve the energy efficiency levels attained by conforming to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014, “Standard for the Design of High Performance Green Buildings Except Low-Rise Residential Buildings”.
3. Achieve the energy efficiency levels attained by conforming to CCBFC NRCC 56191, “2015 National Energy Code of Canada for Buildings” and Chapter 3 in Division 3 of SB-10.
4. Achieve the energy efficiency levels attained by conforming to the prescriptive requirements in Division 5 of SB-10. (Applicable only to certain Part 9 non-residential buildings).

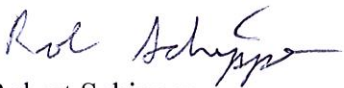
### **Permit submission checklists and forms:**

Please note that the Energy Efficiency Checklists for Part 3 Buildings and Part 9 Non-Residential Buildings developed by the MMA have not been updated to the January 1, 2017 provisions of the OBC. As a result, the City of Kitchener will not be requiring the submission of these checklists until such time as the documents have been updated.

Permit submissions will still require a completed Energy Efficiency Certification Form (EECF), which has been updated to the January 1, 2017 provisions. Please contact Kitchener Building Division for a copy of this form, or visit our website at:

[http://www.kitchener.ca/en/livinginkitchener/BuildingDivision\\_ApplicationsandStandardForms.asp](http://www.kitchener.ca/en/livinginkitchener/BuildingDivision_ApplicationsandStandardForms.asp)

If you should have any specific questions related to the information noted above, feel free to contact Robert Schipper at (519) 741-2200, ext. 7836.



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