

**ONTARIO BUILDING CODE AND SUPPLEMENTARY STANDARD SB-10
PROJECT INFORMATION**

Project:	Location:
Building Permit Application No.:	Date:

Architectural Designer Information*	Mechanical Designer Information*	Electrical Designer Information*
Name	Name	Name
Address	Address	Address
City Province	City Province	City Province
Signature Date(YY/MM/DD)	Signature Date(YY/MM/DD)	Signature Date(YY/MM/DD)

*IF MORE DESIGNERS ARE INVOLVED, PROVIDE ADDITIONAL COPIES OF THIS FORM.

THIS CHECKLIST IS A CONVENIENCE DOCUMENT ONLY AND IS BASED ON THE ENERGY EFFICIENCY REQUIREMENTS DESCRIBED IN THE ONTARIO BUILDING CODE SUPPLEMENTARY STANDARD SB-10 DIVISION 2. THIS CHECKLIST IS NOT A SUBSTITUTE FOR COMPLYING WITH THE REQUIREMENTS OF THE ONTARIO BUILDING CODE. WHILE CARE HAS BEEN TAKEN TO ENSURE ACCURACY OF THIS CHECKLIST, DESIGNERS AND BUILDING OFFICIALS MUST REFER TO THE ACTUAL WORDING AND REQUIREMENTS OF THE ONTARIO BUILDING CODE (O.REG. 332/12 AND AMENDMENTS UP TO DECEMBER 23, 2013).

THIS CHECKLIST IS MADE AVAILABLE FOR CODE USERS BY THE MINISTRY OF MUNICIPAL AFFAIRS AND HOUSING. USERS SHOULD ALWAYS CONSULT WITH THE AUTHORITY HAVING JURISDICTION, IF THE CHECKLIST IS GOING TO BE SUBMITTED TO THAT AUTHORITY. THE MINISTRY OF MUNICIPAL AFFAIRS AND HOUSING DOES NOT ASSUME RESPONSIBILITY FOR ERRORS OR OVERSIGHTS RESULTING FROM THE INFORMATION CONTAINED HEREIN.

PLEASE FILL IN THE ACTUAL VALUES INSTALLED AND CHECK BOXES AS THEY APPLY.

OBC SB-10 COMPLIANCE SUMMARY

Energy Efficiency Design:

There are four energy compliance options to meet the requirements of OBC SB-10 Division 2. Please select the conformance option selected for this project. The energy efficiency of all buildings must be designed to:

Compliance Path		Forms to Complete
(A-1) Exceed by not less than 25% the energy efficiency levels attained by conforming to the CCBFC, "Model National Energy Code for Buildings (MNECB)." Note that this compliance path requires that the proposed building is shown to consume at least 25% less energy than the MNECB reference building when modelled according to the procedures outlined in Part 8 of the MNECB.	<input type="checkbox"/> YES	FORM A
(A-2) Exceed by not less than 5% the energy efficiency levels attained by conforming to the ANSI/ASHRAE/IESNA 90.1 - 2010 "Energy Standard for Buildings Except Low-Rise Residential Buildings." Note that this compliance path requires that the proposed building is shown to consume at least 5% less energy than the ASHRAE 90.1-2010 reference building when modelled according to the procedures outlined in Chapter 11 of ASHRAE 90.1-2010. Note that this path cannot be used for a building with electric space heating. Refer to SB-10.	<input type="checkbox"/> YES	FORM A
(B) Achieve the energy efficiency levels attained by conforming to the ASHRAE 90.1-2010, "Energy Standard for Buildings Except Low-Rise Residential Buildings" and Division 2 of SB-10. This compliance path includes both prescriptive and performance path options. Please proceed to Form B.	<input type="checkbox"/> YES	FORM B
(C) Achieve the energy efficiency levels attained by conforming to the NECB-2011 National Energy Code of Canada for Buildings and Division 2 of SB-10. This compliance path includes both prescriptive and performance path options. Please proceed to NECB Forms	<input type="checkbox"/> YES	NECB Forms

OBC SB-10 COMPLIANCE (1) EXCEED MNECB BY NOT LESS THAN 25% (2) EXCEED ASHRAE 90.1-2010 BY NOT LESS THAN 5%	FORM A
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Please select which of the two options pursued for compliance:

PROPOSED BUILDING IS SHOWN TO CONSUME AT LEAST 25% LESS ENERGY (GJ or kWh) ANNUALLY THAN THE MNECB REFERENCE BUILDING. ENERGY CONSUMPTION VALUES ARE DETERMINED ACCORDING TO THE MODELLING PROCEDURES IDENTIFIED IN PART 8 OF THE MNECB.	<input type="checkbox"/> YES
PROPOSED BUILDING IS SHOWN TO CONSUME AT LEAST 5% LESS ENERGY (GJ or kWh) ANNUALLY THAN THE ASHRAE 90.1-2010 REFERENCE BUILDING. ENERGY CONSUMPTION VALUES ARE DETERMINED ACCORDING TO THE MODELLING PROCEDURES OUTLINED IN CHAPTER 11 OF ASHRAE 90.1-2010.	<input type="checkbox"/> YES

Project:	Modeller Name:
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Occupancies	Floor Area	Annual Energy Summary ⁽¹⁾			
		Annual Consumption Summary	Reference Building Energy	Proposed Building Energy	Units
<input type="checkbox"/> Assembly	_____	Space Heating	_____	_____	_____
<input type="checkbox"/> Health/Institutional	_____	Space Cooling	_____	_____	_____
<input type="checkbox"/> Hotel/Motel	_____	HVAC Auxiliary	_____	_____	_____
<input type="checkbox"/> Light Manufacturing	_____	Misc. Electrical	_____	_____	_____
<input type="checkbox"/> Multifamily	_____	Service Hot Water	_____	_____	_____
<input type="checkbox"/> Office	_____	Interior Lighting	_____	_____	_____
<input type="checkbox"/> Restaurant	_____	Other _____	_____	_____	_____
<input type="checkbox"/> Retail	_____	Other _____	_____	_____	_____
<input type="checkbox"/> School	_____				
<input type="checkbox"/> Warehouse	_____				
<input type="checkbox"/> Other	_____				
Total	_____	Total Annual Energy	<input style="width: 50px;" type="text"/> > <input style="width: 50px;" type="text"/>		
		Percentage less energy used by proposed building:	<input style="width: 100px;" type="text"/>		
<input type="checkbox"/> Proposed Building Description		Total Annual CO ₂ e Emissions >		
_____		Percentage less CO ₂ e emissions by proposed building		
_____		Peak Electric Demand >	<input type="checkbox"/> YES or	
_____		Building components specified in Sentence 1.1.2.3.(2) of Chapter 1 of Division 2 of SB-10 comply with the prescriptive requirements of ASHRAE 90.1-2010 <input type="checkbox"/> YES			
_____		Reference Building Energy and Proposed Building Energy Consumptions are calculated by:			
_____		Please specify modelling software: _____			

HVAC System Descriptions	Energy Efficiency Features in Proposed Building Design ⁽²⁾
Reference Building Design	_____
_____	_____
_____	_____
Proposed Building Design	_____
_____	_____
_____	_____

The reference building and proposed building design are modelled in accordance with the requirements of the SB-10 and the applicable standard specified above Yes

The information submitted above is accurate to the best of my knowledge.

Signature:	Name/Title:
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Notes: (1) Verify with building official whether full modelling report is required to be submitted.
 (2) Explain major energy saving features utilized to achieve modelled savings.