



City of Port Colborne
 Building Services Division
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Energy Efficiency Design
Exceeding MNECB and
ASHRAE 90.1 Form

This form is authorized by By-law [6023/129/13].

Application Number (Office Use Only)

A. Project Information			
Building number, street name		Unit number	Lot/con.
B. Designer Information			
Architectural Designer			
Last name	First name	BCIN	
Company name			
Street address	City	Province	Postal Code
Telephone number ()	Cell number ()	E-mail	
Mechanical Engineer / Designer			
Last name	First name	BCIN	
Company name			
Street address	City	Province	Postal Code
Telephone number ()	Cell number ()	E-mail	
Electrical Engineer / Designer			
Last name	First name	BCIN	
Company name			
Street address	City	Province	Postal Code
Telephone number ()	Cell number ()	E-mail	
C. Form Applicability			
This form is intended for use with one (1) of the two (2) following design options. Please select the applicable option being used.			
Proposed building is shown to consume at least 25% less energy (GJ or kWh) annually than the Model National Energy Code for Building (MNECB) reference building. Energy consumption values are determined according to the modelling procedures identified in Part 8 of the MNECB.			<input type="checkbox"/> yes <input type="checkbox"/> n/a
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 <input type="checkbox"/> n/a

If the response is not yes to at least one of the options provided above, this form is not applicable to the intended application. Please select a more appropriate form or refer to Supplementary Standard SB-10 for direction.

D. ASHRAE 90.1-2010 and SB-10 Energy Cost Budget (ECB) Compliance Report

Occupancies	Floor Area	Annual Consumption Summary ⁽¹⁾	Reference Building Energy	Proposed Building Energy	Units
<input type="checkbox"/> Assembly	m ²	Space Heating	_____	_____	_____
<input type="checkbox"/> Health / Institutional	m ²	Space Cooling	_____	_____	_____
<input type="checkbox"/> Hotel / Motel	m ²	HVAC Auxiliary	_____	_____	_____
<input type="checkbox"/> Light Manufacturing	m ²	Miscellaneous Electrical	_____	_____	_____
<input type="checkbox"/> Multi-Family	m ²	Service Hot Water	_____	_____	_____
<input type="checkbox"/> Office	m ²	Interior Lighting	_____	_____	_____
<input type="checkbox"/> Restaurant	m ²	Other	_____	_____	_____
<input type="checkbox"/> Retail	m ²				
<input type="checkbox"/> School	m ²				
<input type="checkbox"/> Warehouse	m ²				
<input type="checkbox"/> Other	m ²				
Total	m²	Reference Building Energy and Proposed Building Energy Consumptions are calculated by:			
Proposed Building Description		Please Specify modelling software:			
		Total Annual Energy _____ > _____			
		The proposed building uses _____ % less energy than the reference building selected above which exceeds the required percentage as dictated by SB-10.			

Heating, Ventilation and Air Conditioning System Descriptions

Reference Building Design

Proposed Building Design

Energy Efficient Features in Proposed Building Design⁽²⁾

Building is in compliance with mandatory requirements of sections 5.4, 6.4, 7.4, 8.4, 9.4 and 10.4.

yes no

Notes

- (1) Full modelling report shall be submitted.
- (2) Explain major energy saving features utilized to achieve modelled savings.

E. Declaration

I the applicant, acknowledge that the information contained in this application, attached plans and specifications, and other attached documentation is true to the best of my knowledge and that if the owner is a corporation or partnership, I have the authority to bind the corporation or partnership.

Name:

Signature

Date:

FORM DISCLAIMER

This form is not a substitute for complying with the requirements of the Ontario Building Code. While care has been taken to ensure accuracy, this form is provided for convenience of application only. Designers must refer to the actual wording and requirements of the Ontario Building Code.

This form is made available for Building Code users by the City of Port Colborne Building Services Division. Users should always refer to the actual Ontario Building Code when researching applicable regulations as well as when completing this form. Building Services or the City of Port Colborne does not assume any responsibility for errors or oversights resulting from the information contained herein.