



Regional Municipality of Wood Buffalo Requirements for NECB 2020 Compliance

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|--------------------|--|---|
| Project Name: | | Building Permit Number (Completed Internally) |
| Project Address: | | |
| Applicant: | | |
| Applicant Address: | | |

This document outlines project compliance with NECB 2020. It MUST be submitted by all projects required to comply with the NECB at the time of Building Permit Application. NECB 2020 requires a number of calculations be completed to demonstrate compliance. The Authority Having Jurisdiction (AHJ) may request comprehensive calculations be provided to verify submissions and compliance.

NECB Division C 2.2.2.1. General Information Required

1) Sufficient information shall be provided to show that the proposed work will conform to this Code and whether or not it will affect adjacent property.

NECB Division C 2.2.2.2. Design Calculations and Analysis

1) The calculations and analysis carried out in the process of ensuring conformity with the requirements of this Code shall be available for

Compliance Summary: Basic Building Information

Information provided below sets parameters to establish compliance with the NECB 2020

| | | | |
|---|--|---|--|
| Addition to existing building: | | (as applicable) Area of Addition (m ²): | |
| Building Footprint Area (m ²): | | Building Height (storeys): | |
| Conditioned Space Area (m ²): | | Vertical Opaque Envelope Area (m ²): | |
| Semi heated Space Area (m ²): | | Vertical Fenestration Area (m ²): | |
| Unconditioned Space Area (m ²): | | FDWR (%): | |
| Total Floor Surface Area (m ²): | | Horizontal Opaque Envelope Area (m ²): | |
| Heating Degree Days below 18°C: | | Horizontal Fenestration Area (m ²): | |
| Climate Zone: | | Horizontal Fenestration (skylight) Ratio (%): | |
| Vestibule(s): | | ASHRAE 62.1-2016: | |

Additional Comments

Compliance Summary

Indicate the compliance path for each Part below. Please note that only one means of compliance is possible per part.

| | | |
|--|------------------------------------|---------------------------------------|
| Part 3: Building Envelope | Trade-Off <input type="checkbox"/> | Prescriptive <input type="checkbox"/> |
| Part 4: Lighting | Trade-Off <input type="checkbox"/> | Prescriptive <input type="checkbox"/> |
| Part 5: Heating, Ventilation and Air Conditioning Systems | | Prescriptive <input type="checkbox"/> |
| Part 6: Service Water Heating Systems | | Prescriptive <input type="checkbox"/> |
| Part 7: Electrical Power Systems and Motors | | Prescriptive <input type="checkbox"/> |
| OR | | |
| Part 8: Performance Energy Model | | <input type="checkbox"/> |

Consultants

Please indicate the consultants and/or persons responsible for demonstrating compliance with the various Parts of the NECB

| | | |
|---|-----------------------------|-------|
| Part 3: Building Envelope | Consultant Name: | |
| | Representing Firm: | |
| | Contact Information: Email: | Tel: |
| | Address: | |
| Part 4: Lighting | Consultant Name: | |
| | Representing Firm: | |
| | Contact Information: Email: | Tel: |
| | Address: | |
| Part 5: Heating, Ventilating and Air-Conditioning Systems | Consultant Name: | |
| | Representing Firm: | |
| | Contact Information: Email: | Tel: |
| | Address: | |
| Part 6: Service Water Heating Systems | Consultant Name: | |
| | Representing Firm: | |
| | Contact Information: Email: | Tel: |
| | Address: | |
| Part 7: Electrical Power Systems and Motors | Consultant Name: | |
| | Representing Firm: | |
| | Contact Information: Email: | Tel: |
| | Address: | |
| Part 8: Building Energy Performance | Consultant Name: | |
| | Representing Firm: | |
| | Contact Information: Email: | Tel: |
| | Address: | |
| Applicant: | | Date: |
| Planning Service Technician: | | Date: |
| Commercial Safety Codes: | | Date: |