

BC Step Code Compliance Checklist

Part 9 Performance Path

Changelog

June 2023

Document last updated June 28, 2023

The Part 9 Checklist is available online at:

- <https://energystepcode.ca/compliance-tools-part9/>

June 28, 2023

- Checklist and requirements updated to align with BCBC 2018 Revision 5 (effective May 1, 2023) including:
 - Minimum Step 3 energy performance
 - Zero Carbon Step Code requirements
- Addition of Mid-Construction checklist (previously a separate file)
- Summary sections added to each checklist as high-level summary of requirements and achieved results
- VBA macros added to file to streamline input entry and data extraction from HOT2000 model files.
 - Filetype changed to .xlsm
 - Use of macros not required to complete checklist
- Attached buildings and MURBs now accommodated within a single sheet
- Model detail reports can now be generated within the checklist, intended as replacement for the full house report
- Miscellaneous changes to align with updates made in parallel to Part 3 Checklist
- General formatting changes and layout overhaul
- Checklist User Guide moved from manual document to within checklist
- Updates to the Checklist User Manual including
 - More detailed descriptions of changes to these files
 - Clarifications for multi-unit configurations
 - Code excerpts removed, document refers to Code directly

July 22, 2020

- Corrected cell AA92 in the Pre-Construction Report Tab which previously showed "25". Now, it shows the P-file number by re-applying the link to the appropriate calculator.
- Corrected cell L45 in the SFH and MURB Calculator Tab which previously showed red even when the required Adjusted TEDI was achieved.

May 26, 2020

- Changed the title and footers of this manual to include 2018 BCBC Revision 3. Since the Step Code targets were unchanged in Revision 3, this manual is otherwise identical and may be used for Part 9 residential buildings conforming to either 2018 BC Building Code Revision 2 or 3.

May 6, 2020

- Corrected/revised conditional formatting so fields in the As-Built Report using inputs from Pre-Construction Report stay yellow when nothing is entered into the Pre-Construction Report. This alerts the user to enter data in those fields.
- Added a new note to Section A in Pre-Construction Report: **"*Building Type must be selected in order to auto populate this report correctly*"**
- Added a new note to Section A in the As-Built Report: **"*Building Type must be selected in both the Pre-Construction Report AND in this As-Built Report in order to auto populate this report correctly*"**

April 21, 2020

- Corrected area for MEUI not displaying properly when area equalled boundary values
- Corrected CODECO info 9 to info 8.
- Changed conditional formatting to show % LTRH & Building Envelope % when negative
- "Rounding Calculations" tab: corrected "% TEDI" to read "Building Envelope % Better"
- Attached Non-MURB calculator cell K114 referenced column 5 in the Step Code table but now references column 9
- As-Built and Pre-Construction Reports: Allowed all calculated metrics to be visible for Step 1
- SFH and MURB calculator and Attached Non-MURB calculators:
 - Now allows all metrics to be visible for Step 1
 - Now allows negative values for building envelope % and %LTRH to be visible.
- Attached Non-MURB Calculator: Row 29 corrected sig figs from 2 decimal places to none where applicable.
- Changed SFH and MURB tab cells L43 & L56, and Attached MURB tab cells M98 & M111 for LTRH to show values at Step 5
- Reconfigured Section E in Pre-Construction and As-Built Reports to include the SO name and added new note: "The same EA will have different ID #s with different SOs."