



Phius Certification Guidebook v3.1 - Record of Updates

Section / Appendix	Summary of Update / Revision	Reason for Update / Revision
*General	Links and references updated throughout.	Update.
1.5.1	New definition of residential projects.	Clarification of intent.
1.5.3	Buildings that share a site may meet the net source energy target as a whole.	Clarification of intent.
3.1.4.1	Unit conversion correction to CORE Net Source Energy Demand.	Correction.
3.5.2.1 & 6.3.2	Minimum required supply airflow per person revised to 15 cfm. 18 cfm is still recommended.	Alignment with IMC 2021
3.5.3	Updated references under Domestic Hot Water Systems to align with ZERH.	Update.
3.5.6	Update link to Appendix K.	Correction.
3.6.1	Clarified and revised program eligibility language.	Clarification & program update.
4	Certification process revised.	Update.
4.2, 4.6	Revision to project submission and editing process through the new Phius Portal.	System update.
5	Updated pricing for certification fees and feasibility studies.	Update.
6.5.3.5	Update to 'note' on grouping windows. The last window selected determines the grouped properties, not the first.	Correction.
6.7.4	Updated language for the 'Multiple Exhaust Dryer Protocol'.	Update.
6.10.1.1	Revised language for continuous DHW circulation systems.	Update.
6.10.1.2 & 6.10.1.3	Revised method for modeling DHW pipe lengths.	Update.
6.10.5	Updated language on when to model a 'User Defined' device.	Clarification of intent.

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6.10.6	Updated language to model as a user-defined device for gas-fired water heaters with storage.	Clarification of intent.
6.10.7	Deration rules for individual ventilation systems >10% out of balance outlined to align with v2.1 Certification Guidebook.	Clarification of method.
6.10.7	Transition to HVI Section 3 Directory from Phius' HVI Winter Ratings Spreadsheet.	Redundancy of data removed.
6.10.8	Spelling correction.	Correction.
B-4.1	Updated language for air permeable floors.	Clarification of intent.
E-2.2.1	Update to Verifier credential requirements to work on multifamily projects.	Alignment with Energy Star MFNC Program
E-2.1.3, E-2.2.3	Updated Phius Certified Rater and Verifier Renewal Requirements	Phius program revision.
E-4.2.2.6	Update language on DHW distribution testing to align with ZERH.	Update.
G-1.0, G-1.1	Updated Multifamily Certification Program Requirements from v2.2 to v2.3	Alignment with Energy Star MFNC Program
G-2.6	Revised language for continuous DHW circulation systems.	Update.
I-1.2.4	Update R-value Ranges to align with March, 2022 update.	Update.
I-1.3	Expanded informative section for Tips on Windows.	Update.
K-1	New exception for retrofit multifamily projects.	Update.
N-4	Double-height spaces defined as $\geq 16'$ in height.	Clarification of intent.
N-4	Update to Exception 3 in regards to perimeter heating and the comfort criteria.	Clarification of intent.
N-7.3	Updated reference for R-value requirements to reference the Phius Standard Setting Document.	Correction.
N-9	Default energy use associated with elevators aligned with ES MFNC.	Update.
N-11	New section on DHW requirements and definitions.	Update.