Indoor airPLUS Version 1 (Rev. 02) Verification Checklist

Home Address: 201 Hubbell Avenue (DRAFT) **City:** Syracuse **State:** NY **Zip:** 13207

Section		Requirements (Refer to full Indoor airPLUS Construction Specifications for details)	Must Correct	Builder Verified	Rater Verified	N/A
		Note: **The Rev. 02 checklist has been modified to reflect only the additional Indoor airPLUS requirements and their corresponding section numbers that must be met after completing the ENERGY STAR checklists. ENERGY STAR remains a prerequisite for Indoor airPLUS certification.**				
ENERGY STAR V3 Checklists		Thermal Enclosure System Rater Checklist completed.	☐		☑	
		Water Management System Builder Checklist completed.	☐		☑	
		HVAC System Quality Installation Contractor Checklist completed.	☐		☑	
		HVAC System Quality Installation Rater Checklist completed.	☐		☑	
Moisture Control	1.1	Drain or sump pump installed in basements and crawlspaces (Exception: free-draining soils). In EPA Radon Zone 1, check valve also installed.	☐	☐	☑	☐
	1.2	Layer of aggregate or sand (4 in.) with geotextile matting installed below slabs (Exceptions: see spec) AND radon techniques used in EPA Radon Zone 1.	☐	☐	☑	☐
	1.4	Basements/crawlspaces insulated, sealed and conditioned (Exceptions: see spec).	☐	☐	☑	☐
	1.7	Protection from water splash damage if no gutters (Exceptions: see spec).	☐		☐	☑
	1.11	Hard-surface flooring in kitchens, baths, entry, laundry and utility rooms, AND piping in exterior walls insulated with pipe wrap.	☐		☑	
Radon	2.1	Approved radon-resistant features installed in Radon Zone 1 homes.	☐	☐	☑	☐
Pests	3.2	Corrosion-proof rodent/bird screens installed at all openings that cannot be fully sealed (Exception: dryer vents).	☐	☐	☑	
HVAC Systems	4.1	Equipment selected to keep relative humidity < 60% in "Warm-Humid" climates (Exception: see spec).	☐		☐	☑
	4.2	Duct systems protected from construction debris AND no building cavities used as air supplies or returns.	☐	☐	☑	
	4.3	No air-handling equipment or ductwork installed in garage AND continuous air barrier in adjacent assemblies.	☐		☑	
	4.7	Central forced-air HVAC system(s) have minimum MERV 8 filter AND no ozone generators in home.	☐	☐	☑	
Combustion Pollutants	5.1	Emissions standards met for fuel-burning and space-heating appliances (Exception: see spec).	☐		☐	☑
	5.2	CO alarms installed in each sleeping zone (e.g., common hallway) according to NFPA 720.	☐		☑	☐
	5.3	Multifamily buildings: Smoking restrictions implemented AND ETS transfer pathways minimized.	☐	☐	☐	☑
	5.4	Attached garages: Door closer installed on all connecting doors AND in homes with exhaust-only whole-house ventilation EITHER a 70 cfm exhaust fan installed in garage OR a pressure test conducted to verify the effectiveness of the garage-to-house air barrier. See spec for details.	☐		☐	☑
Materials	6.1	Certified low-formaldehyde composite wood materials AND structural plywood AND OSB PS1 or PS2 compliant.	☐	☐	☑	
	6.2	Certified low-VOC or no-VOC interior paints and finishes used.	☐	☐	☑	
	6.3	Carpet, carpet adhesives CRI Green Label Plus AND carpet cushion CRI Green Label.	☐	☐	☐	☑
Final	7.1	HVAC system and ductwork verified to be dry and clean AND new filter installed.	☐	☐	☑	
	7.2	Home ventilated before occupancy.	☐	☐	☑	☐
	7.3	Completed checklist and other required documentation provided for buyer.	☐	☐	☑	☐

Rater Company: Steven Winter Associates

Rater Employee: Karla Donnelly

Rater Signature: _____ **Date** _____

Builder Company: Montage Builders - Northern Forest

Builder Employee: Peter Lacongo

Builder Signature: _____ **Date** _____

Guidance for Completing the Indoor airPLUS Verification Checklist:

1. Only ENERGY STAR certified homes verified to comply with these specifications can earn the Indoor airPLUS label. See Indoor airPLUS Construction Specifications for full descriptions of the requirements, terms, exceptions, abbreviations, references and climate map used in this checklist. Verification is not complete until this checklist is completed in full and signed.
2. Check one box per line. Check "N/A" for specifications that do not apply for specific conditions (e.g., climate) according to the exceptions described in the Indoor airPLUS Construction Specifications. Check either "Builder Verified" or "Rater Verified" for all other items to indicate who verified each item. Items may be verified visually on site during construction, by reviewing photographs taken during construction, by checking documentation, or through equivalent methods as appropriate.
3. The Rater who conducted the verification, or a responsible party from the Rater's company, must sign the completed verification checklist. The builder must sign the checklist if any items in the "Builder Verified" column are checked, and by so doing accepts full responsibility for verifying that those items meet Indoor airPLUS requirements.
4. The builder provides one copy of the completed and signed Indoor airPLUS Verification Checklist for the buyer. The HERS Provider or Rater files a copy of the HERS and ENERGY STAR documentation (e.g., ENERGY STAR Certified Homes Version 3 Inspection Checklists) for the home.
5. Raters who operate under a Sampling Provider are permitted to use a RESNET-approved sampling protocol for Indoor airPLUS homes located outside California, and a sampling protocol approved by the California Energy Commission for homes located in California, to verify any item designated "Rater Verified." For example, if the approved sampling protocol requires rating one in seven homes, then the checklist will be completed for the one home that was rated. Only Raters are permitted to use sampling. All items verified by the builder shall be verified for each qualified home. For example, if a Rater verifies 10 items on the Indoor airPLUS Checklist and the builder verifies the remaining checklist items, then an approved sampling protocol is permitted to be used only on the 10 Rater-verified items.

Notes:

For further information on the Indoor airPLUS program, visit epa.gov/indoorairplus.

EPA Indoor airPLUS QUALIFIED HOME

Qualified homes earn the Indoor airPLUS label. Place it next to the ENERGY STAR label.

ENERGY STAR

All Indoor airPLUS qualified homes meet strict guidelines for energy efficiency set by ENERGY STAR, the nationally-recognized symbol for energy efficiency.

Indoor airPLUS **Qualified Home**

This home built at
201 Hubbell Ave
Syracyse , NY 13207
was verified by
Michelle Tinner

to meet Indoor airPLUS construction specifications as established by the U.S. Environmental Protection Agency.

EPA Indoor airPLUS QUALIFIED HOMES

Indoor airPLUS qualified homes are designed to contribute to improved indoor air quality.

3/17/14

Indoor airPLUS Features

- Moisture and Mold Control
- Radon Resistant Construction
- Pest Barriers
- Effective Heating, Ventilating, and Air-Conditioning Systems
- Safe Combustion
- Healthier Building Materials

Not all features are required in all cases. To learn more about indoor air quality features in your home, ask your builder to review the Indoor airPLUS verification checklist with you, or visit www.epa.gov/indoorairplus.