ENERGY STAR Indoor Air Package
Verification Checklist

Address or Div/Lot#:		City:		State:		
Section	**#**	**Requirements (see IAP for details)**	**N/A**	**Builder Verified**	**Rater Verified**	**Flex Spec**
ENERGY STAR Qualified Home		verification complete, including Thermal Bypass Checklist			☐	
Moisture Control Features — Water Managed Foundations	1.1	Surface water management system		☐	☐	
	1.2	Drain tile system at all footings		☐	☐	
	1.3	Capillary break below concrete slabs (Ex. see Spec)	☐	☐	☐	
	1.4	Below grade walls damp-proofed (Ex. slab-on-grade)	☐	☐	☐	
	1.5	Sump pump covers air sealed (Ex. no sump)	☐	☐	☐	
	1.6	Crawl spaces unvented, insulated, conditioned (Ex. see Spec)	☐	☐	☐	
	1.7	No vapor barrier on inside of basement/crawlspace walls	☐	☐	☐	
Water Managed Wall Assemblies	1.8	Flashing system (or equivalent) at bottom of wall		☐	☐	
	1.9	Continuous drainage plane behind cladding		☐	☐	
	1.10	Air seal & align thermal/air barriers (E* TBC)		☐	☐	
	1.11	Fully flash windows and doors		☐	☐	
	1.12	Deck ledger board drainage system	☐	☐	☐	☐
Water Managed Roof Assemblies	1.13	Air seal & align thermal/air barriers (E* TBC)			☐	
	1.14	Step & "kickout" flashing		☐	☐	
	1.15	Gutter system or equivalent (Ex. Dry)	☐	☐	☐	
	1.16	No. 30 roof felt underlayment		☐	☐	☐
	1.17	Drip edge at roof decking edges (Ex. Dry)	☐	☐	☐	☐
	1.18	Bituminous membrane at valleys & penetrations (Ex. Dry)	☐	☐	☐	
	1.19	Ice flashing at eaves (Ex. Zones 1-4)	☐	☐	☐	
Plumbing Systems	1.20	Plumbing leak/damage protection		☐	☐	☐
Radon Resistent Construction	2.1	Radon resistent features required (EPA Zones 1 & 2 only)		☐	☐	
	2.2	Provide 2 radon test kits (EPA Zones 1 & 2 only)		☐		
Pest Barriers	3.1	Air seal foundation joints & penetrations (E* TBC)			☐	
	3.2	Rodent & corrosion proof screens		☐	☐	
	3.3	Termite measures ("Moderate to Heavy" or above only)	☐	☐	☐	
	3.4	Foam insulation restrictions ("Very Heavy" areas only)	☐	☐	☐	
HVAC Systems — Heating & Cooling Equipment	4.1	Room loads & system sizing: Man J, ASHRAE, or equivalent			☐	
	4.2	No air handler in garage			☐	
	4.3	No equipment that intentionally produces ozone			☐	
	4.4	Drain pan design and installation			☐	
	4.5	System to maintain <60% RH (warm humid climates only)	☐		☐	
	4.6	Air handler cabinet & plenum sealed (**or Test**)			☐	☐
	4.7	Protect HVAC system from construction dust		☐	☐	
	4.8	Additional dust prevention		☐	☐	☐
Duct Systems	4.9	Duct system design - Man D or equivalent (**or Test**)			☐	
	4.10	No ductwork in garage			☐	
	4.11	No building cavities as ducts			☐	
	4.12	Duct system sealed with approved sealant or system			☐	
	4.13	Duct leakage test - total or outside			☐	
	4.14	Transfer ducts/grilles in rooms w/o return (**or Test**)			☐	
Ventilation Systems	4.15	Whole house ventilation (ASHRAE Std 62.2)			☐	
	4.16	Spot ventilation (ASHRAE Std 62.2)			☐	
	4.17	Clothes dryers vented outdoors	☐		☐	

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HVAC — Filtration	4.18	HVAC filters at least MERV 8			☐	
	4.19	No filter by-passes			☐	
	4.20	If central vac, vented outdoors	☐		☐	
Combustion/Garages — Heating Appliances	5.1	Gas furnace/boiler direct vented; oil power vented	☐		☐	
	5.2	Water heaters power vented or direct vented	☐		☐	
	5.3	Fireplace emission & efficiency requirements	☐		☐	
	5.4	Fireplace installation requirements	☐		☐	
Garage Isolation	5.5	Common walls and ceiling completely sealed	☐		☐	
	5.6	Connecting doors gasketed and automatic closer	☐		☐	
	5.7	Garage exhaust fan	☐		☐	
CO alarms	5.8	Certified CO alarms outside each sleeping area	☐		☐	
Building Materials — Preparation and Installation	6.1	No wet materials enclosed in building assemblies		☐		
	6.2	Paper covered wall board raised 1/2" above slab			☐	
Materials	6.3	Plywood & OSB "Exterior" grade		☐	☐	
	6.4	Particleboard and MDF ANSI A208 compliant		☐	☐	
	6.5	Hardwood plywood ANSI & HUD std compliant		☐	☐	
	6.6	No wall-to-wall carpet in bathing areas			☐	
	6.7	Water resistant flooring in kitchens, entries, laundry, util.			☐	☐
	6.8	>1 Perm finish on inside of exterior walls (Humid only)	☐	☐	☐	
	6.9	Carpet, cushion, & adhesives qualified for CRI Green Label		☐	☐	
Home Commissioning — Final Preparation	7.1	Ductwork dry and dust free			☐	
	7.2	Air handler clean, w/new filter			☐	
	7.3	Supply airflows verified			☐	
	7.4	Refrigerant charge test			☐	
	7.5	Ventilate home before occupancy, or advise buyer		☐	☐	
Owner Education	7.6	Provide home buyer with completed checklist		☐		
	7.7	Provide homeowner's manual		☐		☐

Rating Provider:	Final Inspection Date:
Rating Company Name:	Builder Company Name:
Rater Signature:	Builder Employee Signature:

Verification Instructions:

1. Homes verified to comply with these specifications can use "Indoor Air Package" as a complementary label to ENERGY STAR for homes. **Verification is not complete until this checklist is completed in full and signed.**

2. Check one box per line: "**N/A**" for specifications that do not apply according to Indoor Air Package requirements (i.e. **Exceptions**); "**Builder Verified**" or "**Rater Verified**" as appropriate for items that must be verified.

3. Builder may choose to "opt out" of up to 3 specification items listed in the "**Flex Spec**" column. These specification items are considered "best practices", but may not be required to achieve significant IAQ risk reduction, therefore some flexibility is provided.

4. The Provider or Rater is required to keep a copy of the completed and signed checklist with ENERGY STAR documentation for the home.

5. The Checklist may be completed for a batch of homes using a RESNET-approved sampling protocol when qualifying homes as ENERGY STAR. 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.

Disclaimer: The construction practices and technical specifications that comprise the ENERGY STAR Indoor Air Package are designed to contribute to improved indoor air quality in new homes compared to standard code-built homes. However, these measures alone will not guarantee that homebuyers will not experience air quality problems in their homes. Rather, the Indoor Air Package should be viewed as a way to reduce the likelihood of experiencing such problems.