

# Indoor Air Package Verification Checklist



<b>Address or Div/Lot#:</b>					
<b>City/State/Zip:</b>			<b>Date:</b>		<b>Verified</b>
Section	Requirements (see IAP Specifications/Guide for details)	N/A	Builder	Rater	
<b>Moisture Control</b>	<b>Water Managed Foundations:</b>				
	1.1	Site drainage: sloped grade, protected drain tile		<input type="checkbox"/>	<input type="checkbox"/>
	1.2	Capillary break below concrete slabs & in crawlspaces (Except Group 1 soil)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	1.3	Foundation dampproofing		<input type="checkbox"/>	<input type="checkbox"/>
	1.4	Basements & crawlspaces insulated and conditioned (Except Dry climates - map p.2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<b>Water Managed Wall Assemblies:</b>				
	1.5	Continuous drainage plane behind exterior cladding, properly flashed to foundation		<input type="checkbox"/>	<input type="checkbox"/>
	1.6	Fully flash window and door openings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<b>Water Managed Roof Assemblies:</b>				
	1.7	Gutters/downspouting directing water ≥5' from foundation (Except Dry climates)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	1.8	Fully flash roof-wall intersections (step & kickout flashing) and all roof penetrations		<input type="checkbox"/>	<input type="checkbox"/>
	1.9	Bituminous membrane at valleys & penetrations (Except Dry climates)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	1.10	Ice flashing at eaves (Except climates 1-4)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<b>Interior Water Management:</b>				
1.11	Water resistant materials/systems (i.e. flooring, tub backing, water heater drain, pipe insulation)			<input type="checkbox"/>	
1.12	No vapor barriers on interior side of exterior walls with high condensation potential		<input type="checkbox"/>	<input type="checkbox"/>	
1.13	Do not enclose wet or water damaged materials in building assemblies		<input type="checkbox"/>	<input type="checkbox"/>	
<b>Radon</b>	2.1	Radon resistant features per ASTM E1465, IRC Appendix F, or equivalent (EPA Zone 1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	2.2	Provide homebuyer 2 radon test kits & instructions (EPA Zones 1 & 2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Pests</b>	3.1	Seal foundation joints & penetrations, including air-tight sump covers			<input type="checkbox"/>
	3.2	Pest screens at all intentional openings (e.g. soffit vents)		<input type="checkbox"/>	<input type="checkbox"/>
<b>HVAC</b>	4.1	Approved HVAC load calculations & equipment design documentation			<input type="checkbox"/>
	4.2	Approved duct system design documentation & installation OR performance <b>tested</b>	<input type="checkbox"/>		<input type="checkbox"/>
	4.3	No air handler or ducts in garage; continuous air barrier required in adjacent assemblies			<input type="checkbox"/>
	4.4	Rooms pressure balanced (individual room returns or jump/transfer grills) OR <b>tested</b>	<input type="checkbox"/>		<input type="checkbox"/>
	4.5	Whole house ventilation system per ASHRAE Std 62.2			<input type="checkbox"/>
	4.6	Known pollutant sources vented outdoors (i.e. baths, kitchen, clothes dryers, central vac, etc.)			<input type="checkbox"/>
	4.7	Filtration system: ≥ MERV 8, tight fitting filter rack, no ozone generators			<input type="checkbox"/>
	4.8	Independent dehumidification control to ≤60% RH (Warm Humid climates only)	<input type="checkbox"/>		<input type="checkbox"/>
<b>Combustion Pollutants</b>	<b>Combustion Source Controls:</b>				
	5.1	Gas heat direct vented; oil heat power or direct vented; water heaters power or direct vented			<input type="checkbox"/>
	5.2	Fireplaces/heating stoves vented & meet approved emissions/efficiency standards/certifications			<input type="checkbox"/>
	5.3	Certified CO alarms outside each sleeping area			<input type="checkbox"/>
	5.4	No smoking in common areas & outside smoking ≥25' from openings (Multi-family only)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<b>Attached Garages Isolated &amp; Vented:</b>				
	5.5	Air seal common walls/ceilings between living spaces & garage; doors gasketed			<input type="checkbox"/>
5.6	Continuously rated exhaust fan (≥50 cfm) in attached garages (controls optional)			<input type="checkbox"/>	
<b>Material</b>	6.1	Pressed wood materials (plywood, OSB, MDF) certified low-formaldehyde emissions		<input type="checkbox"/>	<input type="checkbox"/>
	6.2	Interior paints & finishes certified low-formaldehyde (approved labels only)		<input type="checkbox"/>	<input type="checkbox"/>
	6.3	Carpet, cushion, & adhesives qualified for CRI Green Label		<input type="checkbox"/>	<input type="checkbox"/>
<b>Final</b>	7.1	HVAC & ductwork commissioned: dry, clean, refrigerant charge test, & airflow to all registers			<input type="checkbox"/>
	7.2	Ventilate home before occupancy OR advise buyer (document)		<input type="checkbox"/>	<input type="checkbox"/>
	7.3	Provide home buyer with completed checklist		<input type="checkbox"/>	<input type="checkbox"/>
<b>Rater/Provider:</b>		<b>Builder:</b>			
<b>Company:</b>		<b>Company:</b>			
<b>Signature:</b>		<b>Signature:</b>			

# Indoor Air Package Verification Checklist



## Guidance for Completing the IAP Verification Checklist:

1. Only ENERGY STAR Qualified Homes verified to comply with these specifications can earn the "Indoor Air Package" label. **Verification is not complete until this checklist is completed in full and signed.**
2. Check one box per line: "**N/A**", "**Builder Verified**", or "**Rater Verified**". "**N/A**" applies to specifications that do not apply for specific conditions (e.g., climate) according to **Exceptions** described in the IAP Specifications. Check either "**Builder Verified**" or "**Rater Verified**" for all other items. Builder must sign the verification checklist if any items are checked in the "**Builder Verified**" column, and by so doing accepts full responsibility for verifying that those items have met IAP requirements.
3. When using Performance Alternatives (i.e. 4.2 & 4.4), check **tested** box and include testing documentation in HERS/BOP file.
4. Builder provides one copy of the completed/signed checklist to homebuyer. Provider or Rater files a copy with HERS/BOP and ENERGY STAR documentation (i.e. Thermal Bypass Checklist) 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.

## Notes:

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