

Success with 2012 IECC:
Checklists for Code Officials
PRE-ROUGH-IN



CHECKLIST: PRE-ROUGH-IN

Utilize this checklist when a contractor calls to schedule an inspection.
By asking these questions, you and the contractor will be able to gauge if the house is ready for inspection before visiting the site.



N/A

FRAMING + AIR SEALING

1	Are all corners and headers framed for insulation installation? Exception: structurally necessary framing members.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Code Reference: 2012 IECC Table 402.4.1.1: Air barrier and insulation installation	Location of Problem:		
	<i>Notes:</i>			
2	Do all walls separating conditioned and unconditioned space allow for required R-value and have a top plate, bottom plate and an exterior air barrier?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Code Reference: 2012 IECC Table 402.4.1.1: Air barrier and insulation installation	Location of Problem:		
	<i>Notes:</i>			
3	Do all walls separating conditioned and unconditioned spaces that will not have an interior finish have an interior air barrier?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Code Reference: 2012 IECC Table 402.4.1.1: Air barrier and insulation installation	Location of Problem:		
	<i>Notes:</i>			
4	Do all floor systems within the conditioned envelope have an air-sealed band or blocking separating conditioned and unconditioned space?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Code Reference: 2012 IECC Table 402.4.1.1: Air barrier and insulation installation	Location of Problem:		
	<i>Notes:</i>			
5	Do cantilever floors have insulation that completely fills the floor or will maintain permanent contact with the subfloor?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Code Reference: 2012 IECC Table 402.4.1.1: Air barrier and insulation installation	Location of Problem:		
	<i>Notes:</i>			
6	Do cantilevers encapsulate the insulation with an exterior rigid air barrier and air sealing?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Code Reference: 2012 IECC Table 402.4.1.1: Air barrier and insulation installation	Location of Problem:		
	<i>Notes:</i>			

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FRAMING + AIR SEALING

7	Have you air sealed in all of the locations specified in Table 402.4.1.1?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Code Reference: 2012 IECC Table 402.4.1.1: Air barrier and insulation installation	Location of Problem:		
	Notes:			

HVAC

8	If not previously submitted, will Manual J load calculations or equivalent method documentation be available on-site?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Code Reference: 2012 IRC M1401.3: Equipment Sizing, 2012 IECC 403.6 Equipment Sizing	Location of Problem:		
	Notes:			

9	If not previously submitted, will a Manual S or other approved equipment selection method documentation be available onsite?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Code Reference: 2012 IRC M1401.3: Equipment Sizing, 2012 IECC 403.6 Equipment Sizing	Location of Problem:		
	Notes:			

10	Are any building cavities being used as a part of the duct system? This is not allowed.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Code Reference: 2012 IECC 403.2.3 Building cavities	Location of Problem:		
	Notes:			

11	Are all duct terminations sealed to the subfloor and all HVAC penetrations through the building envelope sealed?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Code Reference: 2012 IECC Table 402.4.1.1: Air barrier and insulation installation	Location of Problem:		
	Notes:			

12	Are all HVAC components sealed at the joints and seams?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Code Reference: 2012 IECC 403.2.2: Duct sealing, 2012 IRC M1601.4.1: Duct sealing	Location of Problem:		
	Notes:			

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N/A

HVAC

13	Is a whole-house mechanical ventilation strategy installed and the rate aligns with the 2012 IRC M1507.3?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Code Reference: 2012 IECC 403.5: Mechanical ventilation, 2012 IRC R303.4: Mechanical ventilation, 2012 IRC M1507.3: Whole-house mechanical ventilation system	Location of Problem:		
	<i>Notes:</i>			
14	Does all mechanical piping that carries fluids above 105°F or below 55°F insulated to at least R-3?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Code Reference: 2012 IECC 403.3: Mechanical pipe insulation	Location of Problem:		
	<i>Notes:</i>			

PLUMBING

15	Are hot water pipes listed in R403.4.2 insulated to at least R-3?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Code Reference: 2012 IECC 403.4: Hot water pipe insulation	Location of Problem:		
	<i>Notes:</i>			

INSULATION

16	Will all insulation levels meet 2012 IECC insulation levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Code Reference: 2012 IECC Table 402.1.1: Insulation levels	Location of Problem:		
	<i>Notes:</i>			

CODE OFFICIAL VERIFICATION

Name

Company

Phone Number

Email Address

Date of Review

Permit/Job Number

Permit Type