

Success with 2009 IECC Arkansas:  
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
<b>FRAMING + AIR SEALING</b>				
<b>1</b>	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: 2009 IECC Table 402.4.2: Air barrier and insulation installation	Location of Problem:		
	Notes:			
<b>2</b>	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? RECOMMENDED: rigid air barrier.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Code Reference: 2009 IECC Table 402.4.2: Air barrier and insulation installation, 2009 IECC and Arkansas Energy Code Table 402.1.1: Insulation	Location of Problem:		
	Notes:			
<b>3</b>	Do all walls separating conditioned and unconditioned spaces that will not have an interior finish have an interior air barrier? RECOMMENDED: rigid air barrier.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Code Reference: 2009 IECC Table 402.4.2: Air barrier and insulation installation, 2009 IECC and Arkansas Energy Code Table 402.1.1: Insulation	Location of Problem:		
	Notes:			
<b>4</b>	Do all floor systems within the conditioned envelope have an air-sealed band or blocking separating conditioned and unconditioned space? RECOMMENDED: rigid air barrier.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Code Reference: 2009 IECC Table 402.4.2: Air barrier and insulation installation	Location of Problem:		
	Notes:			
<b>5</b>	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: 2009 IECC Table 402.4.2: Air barrier and insulation installation, 2009 IECC and Arkansas Energy Code Table 402.1.1: Insulation levels, 2009 IECC 402.2.6: Floor Insulation	Location of Problem:		
	Notes:			
<b>6</b>	Do cantilevers encapsulate the insulation with an exterior air barrier and air sealing? RECOMMENDED: rigid air barrier.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Code Reference: 2009 IECC Table 402.4.2: Air barrier and insulation installation	Location of Problem:		
	Notes:			

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<b>FRAMING + AIR SEALING</b>				
<b>7</b>	Are all of the locations specified in Table 402.4.2 air sealed?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Code Reference: 2009 IECC Table 402.4.2: Air barrier and insulation installation	Location of Problem:		
	Notes:			
<b>HVAC</b>				
<b>8</b>	If not previously submitted, will ACCA Manual J load calculations or equivalent method documentation be available on site?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Code Reference: 2009 IECC 403.6 Equipment Sizing	Location of Problem:		
	Notes:			
<b>9</b>	If not previously submitted, will a Manual S or other approved equipment selection method documentation be available on site?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Code Reference: 2009 IECC 403.6 Equipment Sizing	Location of Problem:		
	Notes:			
<b>10</b>	Are any building cavities being used as supply or return duct system? This is not allowed.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Code Reference: Arkansas Energy Code 403.2.3: Building cavities	Location of Problem:		
	Notes:			
<b>11</b>	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: 2009 IECC Table 402.4.2: Air barrier and insulation installation	Location of Problem:		
	Notes:			
<b>12</b>	Are all HVAC components sealed at the joints and seams with mastic?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Code Reference: Arkansas Energy Code 403.2.2: Duct sealing, Arkansas Energy Code Section 403.2.4: Joints and seams, 2010 Arkansas Mechanical Code 603.9: Joints, seams and connections	Location of Problem:		
	Notes:			

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<b>HVAC</b>				
<b>13</b>	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: 2009 IECC 403.3: Mechanical pipe insulation	Location of Problem:		
	Notes:			
<b>INSULATION</b>				
<b>14</b>	Will all insulation levels meet 2009 IECC insulation levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Code Reference: 2009 IECC and Arkansas Energy Code Table 402.1.1: Insulation levels	Location of Problem:		
	Notes:			
<b>15</b>	If spray foam is installed, does it have proper labeling?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Code Reference: Arkansas Energy Code 403.2.1.1: Spray foam	Location of Problem:		
	Notes:			

CODE OFFICIAL VERIFICATION	
Name	
Company	
Phone Number	
Email Address	
Date of Review	
Permit/Job Number	
Permit Type	