



Success with 2012 NC Energy Conservation  
Code in North Carolina:  
*Checklists for Builders*

# AIR SEALING





# JOB READY:

## AIR SEALING

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✓	✗	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1. For walls separating conditioned and unconditioned space, framing that allows for the required R-value, has a top plate, bottom plate and an exterior rigid sheathing is installed.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2. For walls that will not have an interior finish and are separating conditioned and unconditioned spaces, wall cavities are insulated and an interior rigid air barrier is installed.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3. All dropped ceilings/soffits, shafts and chases are capped with a rigid air barrier.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4. Overhanging floor cavities are insulated before being enclosed with rigid sheathing.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5. All floor systems within the conditioned envelope have a band or blocking separating conditioned and unconditioned space.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6. All holes are cleanly cut and are no more than 1 inch larger than the penetrating object.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7. Ensure work site is clean and construction materials are properly stored before proceeding.

### Builder Verification

✓	✗	
<input type="checkbox"/>	<input type="checkbox"/>	Stop work until details are corrected.
<input type="checkbox"/>	<input type="checkbox"/>	Proceed without corrections.

The sub-contractor who signs and completes this form is doing so to the best of his/her knowledge and should not be held legally responsible for work completed by other organizations. The intent of this form is to ensure job sites are ready before beginning work.

Signature \_\_\_\_\_ Date \_\_\_\_\_



# JOB COMPLETE:

## AIR SEALING

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✓	✗	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1. Air seal all dropped ceilings/soffits, shafts and chases.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2. For all floor systems within the conditioned envelope, air seal bands or blocking that separates conditioned and unconditioned space.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	3. Air seal all rigid air barriers that enclose overhanging floor cavities.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	4. Air seal all gaps and voids between conditioned and unconditioned spaces.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	5. Air seal around windows and doors using backer rod, caulk or low expansion foam.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	6. Air seal all penetrations between conditioned and unconditioned spaces. Use fire-rated sealants where applicable.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	7. Air seal drywall to top plate with caulk, foam or equivalent material. Do not use drywall compound to seal.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	8. Air seal supply and return duct terminations to drywall and/or subfloor with caulk, foam or equivalent material. Use fire-rated sealants where applicable.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	9. Ensure work site is clean and construction materials are properly stored before proceeding.

### Certification

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Name

Company

Signature