



# Success with Louisiana Energy Code

*Checklist for Builders/Trades & Code Officials*

# AIR SEALING





# AIR SEALING

## CHECKLIST: JOB READY

RECOMMENDED PRACTICES + CODE REFERENCE	✓	✗	N/A
<p><b>For walls separating conditioned and unconditioned spaces, framing allows for the required R-value,</b></p> <p><b>1. has a top plate, bottom plate and an exterior air barrier.</b> Code Reference: 2009 IRC Table N1102.1: Insulation and fenestration requirements</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p><b>For walls that will not have an interior finish and are separating conditioned and unconditioned spaces,</b></p> <p><b>2. wall cavities are insulated and an interior air barrier is installed.</b> Code Reference: 2009 IRC Table N1102.4.2: Air barrier and insulation inspection</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p><b>All dropped ceilings/soffits, shafts and chases are capped with an air barrier and an approved air sealing material.</b></p> <p><b>3. RECOMMENDED: RIGID AIR BARRIER</b> Code Reference: 2009 IRC Table N1102.4.2: Air barrier and insulation inspection</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p><b>For cantilever floors, an air barrier is attached, insulated and air sealed at the underside.</b></p> <p><b>4. This air barrier can be the exterior finish material if it is airtight.</b> Code Reference: 2009 IRC Table N1102.4.2: Air barrier and insulation inspection</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p><b>All floor systems within the conditioned envelope have a band or blocking separating conditioned and unconditioned spaces.</b> Code Reference: 2009 IRC Table N1102.4.2: Air barrier and insulation inspection</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p><b>All holes are cleanly cut and are no more than 1" larger than the penetrating object.</b> Code Reference: 2009 IRC Table N1102.4.2: Air barrier and insulation inspection</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

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: \_\_\_\_\_



# AIR SEALING

## CHECKLIST: JOB COMPLETE

### RECOMMENDED PRACTICES + CODE REFERENCE

✓ ✗ N/A

- |   |                          |                          |                          |
|---|--------------------------|--------------------------|--------------------------|
| 1. <b>Air seal all dropped ceilings/soffits, shafts and chases.</b><br>Code Reference: 2009 IRC Table N1102.4.2: Air barrier and insulation inspection  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. <b>For all floor systems within the conditioned envelope, air seal bands or blocking that separates conditioned and unconditioned spaces.</b><br>Code Reference: 2009 IRC Table N1102.4.2: Air barrier and insulation inspection                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. <b>Air seal all air barriers that enclose cantilevered floors.</b><br>Code Reference: 2009 IRC Table N1102.4.2: Air barrier and insulation inspection  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. <b>Air seal all gaps and voids between conditioned and unconditioned spaces.</b><br>Code Reference: 2009 IRC Table N1102.4.2: Air barrier and insulation inspection  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. <b>Air seal around windows and doors using backer rod, caulk or low expansion foam.</b><br>Code Reference: 2009 IRC Table N1102.4.2: Air barrier and insulation inspection   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. <b>Air seal all penetrations between conditioned and unconditioned spaces. Use fire-rated sealants where applicable.</b><br>Code Reference: 2009 IRC Table N1102.4.2: Air barrier and insulation inspection  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. <b>Air seal supply and return duct terminations to drywall and/or subfloor with caulk, foam or equivalent material. Use fire-rated sealants where applicable.</b><br>Code Reference: 2009 IRC Table N1102.4.2: Air barrier and insulation inspection | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

### CERTIFICATION

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.

Name:

Company:

Signature:

### ADDITIONAL ITEMS

Louisiana Energy Code N1102.4.2.1 Testing option