



Success with 2009 IECC in South Carolina:  
*Checklists for Builders*

# ELECTRICAL





# JOB READY: ELECTRICAL

*Success with 2009 IECC in South Carolina for Builders*

✓      ✗      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 and air sealed.  |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 4. Selected bath fans will pull at least 50 CFM intermittently or 20 CFM continuously when installed.   |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 5. 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:

## ELECTRICAL

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N/A



1. Cut all holes cleanly and no more than 1 inch larger than the penetrating object.



2. Air seal electrical penetrations between conditioned and unconditioned space. Use fire-rated sealants where applicable.



3. Install recessed lighting fixtures that are insulation-contact rated (IC), sealed to drywall with caulk foam or gasket and are airtight or are located in an airtight sealed box.



4. Coordinate bath fan exhaust duct direction with HVAC Contractor.



5. Install high-efficacy lamps (e.g. CFLs, LEDs, fluorescent) in 50% of light fixtures.



6. Ensure work site is clean and construction materials are properly stored before proceeding.

### Certification

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Name

Company

Signature