



# Success with Louisiana Energy Code

*Techtips for Builders/Trades & Code Officials*

# ELECTRICAL





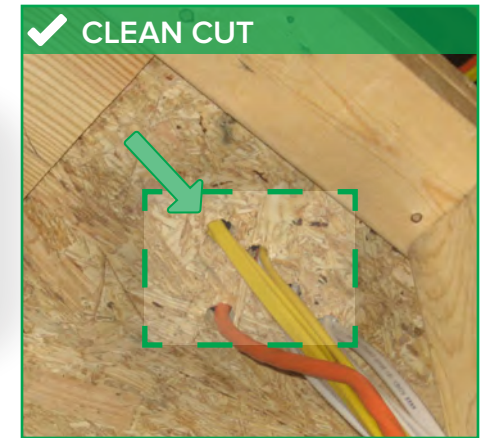
# ELECTRICAL TECH TIPS

The numbered steps in the Tech Tips correspond with the numbered items on the Job Complete Checklist. These tips are useful to explain code requirements to builders and trades when completing on-site inspections.

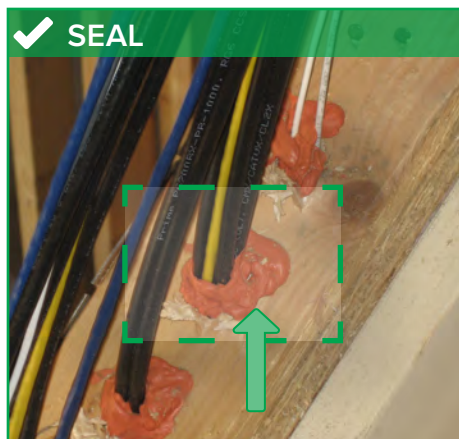
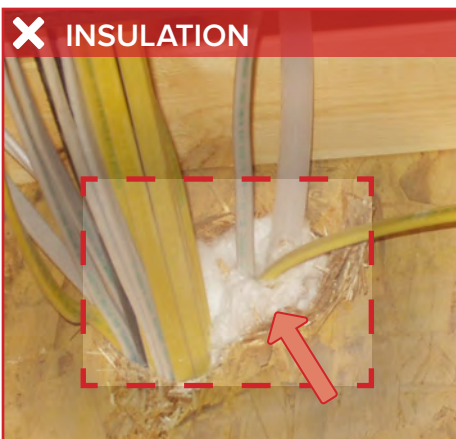
1. Cut all holes cleanly and no more than 1" larger than the penetrating object.



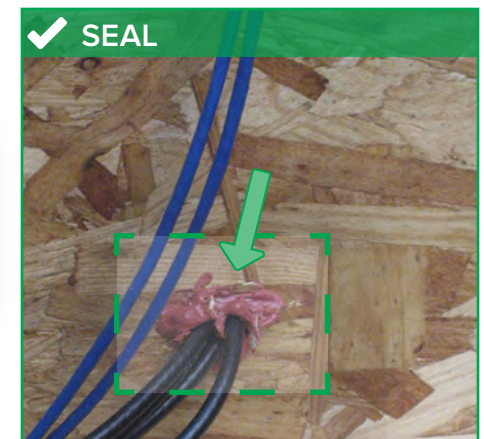
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2. Air seal electrical penetrations between conditioned and unconditioned spaces. Use fire-rated sealants where applicable.



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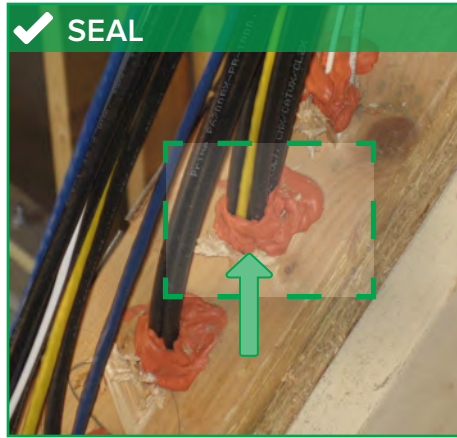




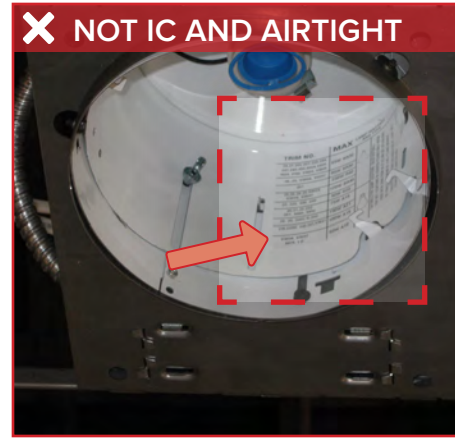
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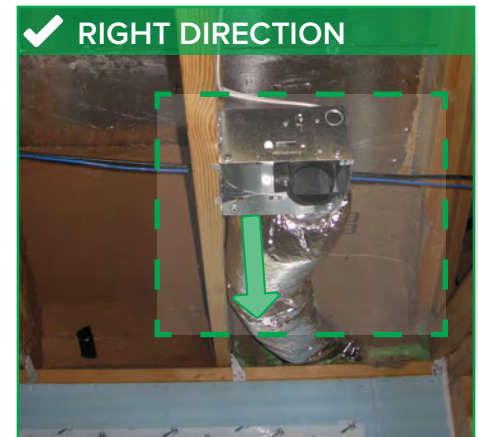
3. Install recessed lighting fixtures that are insulation-contact (IC) and airtight rated and then sealed to drywall with caulk foam or gasket.



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



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5. Install high-efficacy lamps or fixtures (e.g., CFLs, LEDs, fluorescents) in 50% of lighting equipment.

High-Efficacy Lamp/Fixture Requirements	
Bulb (Watt)	Efficiency (Lumens/Watt)
≤ 15	40
15 - 40	50
> 40	60

The high-efficacy bulb count is based on the number of lamps or fixtures and includes both pin-based (fluorescent tubes and pin-based compacts) and standard screw-base equipment. The provision applies to indoor and outdoor spaces of all residential buildings, including accessory structures and garages.