

CITY OF NEW ORLEANS DEPARTMENT OF SAFETY & PERMITS MECHANICAL DIVISION
BUILDING ENVELOPE
AIR BARRIER AND INSULATION INSPECTION REPORT

All air barrier and insulation inspections are to be done by approved providers. Providers shall be approved by City of New Orleans Chief Building Official prior to date of inspections. All inspection results to be dated, initialed, verified by attached time stamped photo, and submitted electronically. Table copyright ICC IRC 2009.

COMPONENT	CRITERIA ^a	Initial	Date
Air barrier and thermal barrier	<ul style="list-style-type: none"> • A continuous air barrier shall be installed in the building envelope. • Exterior thermal envelope contains a continuous air barrier. • Breaks or joints in the air barrier shall be sealed. • Air-permeable insulation shall not be used as a sealing material. 		
Ceiling/attic	<ul style="list-style-type: none"> • The air barrier in any dropped ceiling/soffit shall be aligned with the insulation and any gaps in the air barrier sealed. • Access openings, drop down stair or knee wall doors to unconditioned attic spaces shall be sealed. 		
Walls	<ul style="list-style-type: none"> • Corners and headers shall be insulated and the junction of the foundation and sill plate shall be sealed. • The junction of the top plate and top of exterior walls shall be sealed. • Exterior thermal envelope insulation for framed walls shall be installed in substantial contact and continuous alignment with the air barrier. • Knee walls shall be sealed. 		
Windows, skylights and doors	<ul style="list-style-type: none"> • The space between window/door jambs and framing and skylights and framing shall be sealed. 		
Rim joists	<ul style="list-style-type: none"> • Rim joists shall be insulated and include the air barrier. 		
Floors (including above-garage and cantilevered floors)	<ul style="list-style-type: none"> • Insulation shall be installed to maintain permanent contact with underside of subfloor decking. • The air barrier shall be installed at any exposed edge of insulation. 		
Crawl space walls	<ul style="list-style-type: none"> • Where provided in lieu of floor insulation, insulation shall be permanently attached to the crawlspace walls. • Exposed earth in unvented crawl spaces shall be covered with a Class I vapor retarder with overlapping joints taped. 		
Shafts, penetrations	<ul style="list-style-type: none"> • Duct shafts, utility penetrations, and flue shafts opening to exterior or unconditioned space shall be sealed. 		
Narrow cavities	<ul style="list-style-type: none"> • Batts in narrow cavities shall be cut to fit, or narrow cavities shall be filled by insulation that on installation readily conforms to the available cavity space. 		
Garage separation	<ul style="list-style-type: none"> • Air sealing shall be provided between the garage and conditioned spaces. 		
Recessed lighting	<ul style="list-style-type: none"> • Recessed light fixtures installed in the building thermal envelope shall be air tight, IC rated, and sealed to the drywall. 		
Plumbing and wiring	<ul style="list-style-type: none"> • Batt insulation shall be cut neatly to fit around wiring and plumbing in exterior walls, or insulation that on installation readily conforms to available space shall extend behind piping and wiring. 		
Shower/tub on exterior wall	<ul style="list-style-type: none"> • Exterior walls adjacent to showers and tubs shall be insulated and the air barrier installed separating them from the showers and tubs. 		
Electrical/phone box on exterior walls	<ul style="list-style-type: none"> • The air barrier shall be installed behind electrical or communication boxes or air-sealed boxes shall be installed. 		
Common Wall	<ul style="list-style-type: none"> • Air barrier is installed in common wall between dwelling units. 		
HVAC register boots	<ul style="list-style-type: none"> • HVAC register boots that penetrate building thermal envelope shall be sealed to the subfloor or drywall. 		
Fireplace	<ul style="list-style-type: none"> • An air barrier shall be installed on fireplace walls. Fireplaces shall have gasketed doors. 		

I certify that the above is true and correct and understand that any misrepresentation of results will result in revocation of occupancy.

Printed Name

Signature

Date