



New Mexico Regulation and Licensing Department

CONSTRUCTION INDUSTRIES DIVISION

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STATE OF NEW MEXICO THERMAL BYPASS INSPECTION CHECKLIST

Home Address: _____ City: _____ State: NM

Thermal Bypass	Inspection Guidelines	Corrections Needed	Builder Verified	Rater Verified	N/A
1. Overall Air Barrier and Thermal Barrier Alignment	Requirements: Insulation shall be installed in full contact with sealed interior and exterior air barrier except for alternate to interior air barrier under item no. 2 (<i>Walls Adjoining Exterior Walls or Unconditioned Spaces</i>)				
	All Climate Zones:				
	1.1 Overall Alignment Throughout Home	Y / N	Y / N	Y / N	Y / N
	1.2 Garage Band Joist Air Barrier (at bays adjoining conditioned space)	Y / N	Y / N	Y / N	Y / N
	1.3 Attic Eave Baffles Where Vents/Leakage Exist	Y / N	Y / N	Y / N	Y / N
2. Walls Adjoining Exterior Walls or Unconditioned Spaces	Only at Climate Zones 4 and Higher:				
	1.4 Slab-edge Insulation (A maximum of 25% of the slab edge may be uninsulated in Climate Zones 4 and 5.)	Y / N	Y / N	Y / N	Y / N
	Requirements: Fully insulated wall aligned with air barrier at both interior and exterior, OR Alternate for Climate Zones 1 thru 3, sealed exterior air barrier aligned with RESNET Grade 1 insulation fully supported Continuous top and bottom plates or sealed blocking				
	2.1 Wall Behind Shower/Tub	Y / N	Y / N	Y / N	Y / N
	2.2 Wall Behind Fireplace	Y / N	Y / N	Y / N	Y / N
3. Floors between Conditioned and Exterior Spaces	2.3 Insulated Attic Slopes/Walls	Y / N	Y / N	Y / N	Y / N
	2.4 Attic Knee Walls	Y / N	Y / N	Y / N	Y / N
	2.5 Skylight Shaft Walls	Y / N	Y / N	Y / N	Y / N
	2.6 Wall Adjoining Porch Roof	Y / N	Y / N	Y / N	Y / N
	2.7 Staircase Walls	Y / N	Y / N	Y / N	Y / N
4. Shafts	2.8 Double Walls	Y / N	Y / N	Y / N	Y / N
	Requirements: Air barrier is installed at any exposed fibrous insulation edges Insulation is installed to maintain permanent contact with sub-floor above including necessary supports (e.g., staves for blankets, netting for blown-in) Blanket insulation is verified to have no gaps, voids or compression. Blown-in insulation is verified to have proper density with firm packing				
	3.1 Insulated Floor Above Garage	Y / N	Y / N	Y / N	Y / N
5. Attic / Ceiling Interface	3.2 Cantilevered Floor	Y / N	Y / N	Y / N	Y / N
	Requirements: Openings to unconditioned space are fully sealed with solid blocking or flashing and any remaining gaps are sealed with caulk or foam (provide fire-rated collars and caulking where required)				
	4.1 Duct Shaft	Y / N	Y / N	Y / N	Y / N
	4.2 Piping Shaft/Penetrations	Y / N	Y / N	Y / N	Y / N
6. Common Walls Between Dwelling Units	4.3 Flue Shaft	Y / N	Y / N	Y / N	Y / N
	Requirements: All attic penetrations and dropped ceilings include a full interior air barrier aligned with insulation with any gaps fully sealed with caulk, foam or tape Movable insulation fits snugly in opening and air barrier is fully gasketed				
	5.1 Attic Access Panel (fully gasketed and insulated)	Y / N	Y / N	Y / N	Y / N
	5.2 Attic Drop-down Stair (fully gasketed and insulated)	Y / N	Y / N	Y / N	Y / N
	5.3 Dropped Ceiling/Soffit (full air barrier aligned with insulation)	Y / N	Y / N	Y / N	Y / N
6.1 Common Wall Between Dwelling Units	5.4 Recessed Lighting Fixtures (ICAT labeled and sealed to drywall)	Y / N	Y / N	Y / N	Y / N
	5.5 Whole-house Fan (insulated cover gasketed to the opening)	Y / N	Y / N	Y / N	Y / N
Requirements: Gap between drywall shaft wall (i.e., common wall) and the structural framing between units is fully sealed at all exterior boundary conditions					

Inspected by: (Check one) Energy Rater **OR** Builder **OR** Code Official Inspection Date: ____/____/____

Company/Government Entity Name: _____

Signature: _____ Printed Name _____