



SAMPLE FORM – NOT VALID FOR SUBMISSION TO BUILDING DEPARTMENTS

CERTIFICATE OF INSTALLATION

Note: This table completed by HERS Registry.

Table with 2 columns: Field Name and Value. Fields include Project Name, Enforcement Agency, Dwelling Address, Permit Number, City and Zip Code, and Date Permit Issued.

A. Air Barrier Materials

Table with 2 columns: ID and Description. Row 01 describes air barrier requirements with three methods. Row 02 is labeled 'Method of Compliance'.

Note:

SPF insulation is an acceptable air barrier and sealant when installed to a minimum thickness of 2 inches for closed cell and 5.5 inches for open cell, except where not allowed by manufacturer (e.g., flues, vents, can lights, etc.).

B. Raised Floor Adjacent to Unconditioned Space or Separate Dwelling Units

Table with 2 columns: ID and Description. Rows 01-04 describe sealing requirements for raised floors, chases, holes, and subfloor sheathing.

The responsible person’s signature on this compliance document affirms that all applicable requirements in this table have been met.



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C. Walls Adjacent to Unconditioned Space

Table with 9 rows detailing air barrier requirements for walls, such as sealing penetrations, electrical boxes, and openings.

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D. Ceiling Air Barrier Adjacent to Unconditioned Space

Table with 10 rows detailing air barrier requirements for ceilings, including sealing fixtures, lighting, and vertical chases.

The responsible person’s signature on this compliance document affirms that all applicable requirements in this table have been met.

E. Roof Air Barrier – Unvented Attics Adjacent to Unconditioned Space

Table with 3 rows detailing air barrier requirements for roof decks and gable ends.

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**F. Conditioned Space Above or Adjacent to Garage Air Barrier**

01	All penetrations in the subfloor above the garage into conditioned space must follow the raised floor air barrier requirements.
02	Infiltration between the space above the garage and the subfloor is prevented by one of the following methods: <ul style="list-style-type: none"> <li>Seal all edges of the garage ceiling (typically drywall) at the perimeter of the garage to create a continuous airtight surface between the garage and adjacent conditioned envelope. Seal all plumbing, electrical, and mechanical penetrations between the garage and adjacent conditioned space. For an open-web truss, airtight blocking is added on all four sides of the garage perimeter. Insulation can be placed on the garage ceiling.</li> <li>Seal the band joist above the wall at the garage to conditioned space transition. Seal all subfloor seams and penetrations between the garage and adjacent conditioned space. Insulation must be placed in contact with the subfloor below the conditioned space.</li> </ul>

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**G. Cantilevered Floor Air Barrier**

01	Airtight blocking is installed between joists where the wall rim joist would have been located in the absence of a cantilever.
02	Exterior sheathing is installed to the bottom of the cantilever so that there is a continuous air and weather barrier for the cantilever. The cantilevered joist must be insulated to the same R-value as would be required for the subfloor prior to closing.
03	Any gaps, cracks, or penetrations in the air barrier of the cantilever are sealed. Recessed can lights in the cantilever are rated to be Insulation Contact and Airtight (IC and AT) and properly sealed to the sheathing.

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**H. Walls for Attached Porch, Attic, Double Wall Air Barrier**

01	An exterior wall air barrier is required at the intersection of the porch and exterior wall when there is conditioned space on the other side. The exterior wall includes an air barrier where the attic attaches to the conditioned space.
02	Truss framing blocking is used at the top and bottom of each wall/roof section.

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**I. Air Barriers in Multifamily Dwellings**

01	Each dwelling unit must be sealed to stop air movement between dwelling units. Treat adjacent dwelling units as unconditioned space for air sealing.
02	All penetrations through the floor and ceiling of each dwelling unit are sealed, including electric and gas utilities, water pipes, drain pipes, fire protection service pipes, and communication wiring.
03	Elevator penthouse, mechanical penthouse, stairwell doors, roof access hatches, and plumbing stacks that separate conditioned and unconditioned space are all sealed.
04	Vertical chases for garbage chutes, elevator shafts, HVAC ducting and plumbing shall be treated as unconditioned space for sealing.
05	Common hallways shall be treated as unconditioned space for sealing.

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**J. Special Requirements for SIPs**

01	SIPs are considered an air barrier when properly sealed at top, bottom, sides, and all penetrations.
02	Air barrier is continuous across all surfaces, including between SIPs and non-SIP sections.

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**K. Special Requirements for ICF**

01	ICF sections are considered an air barrier when properly sealed at top, bottom, sides, and all penetrations.
02	Air barrier is continuous across all surfaces, including between ICF and non-ICF sections.

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For information and data collection only. Not valid until registered with a HERS provider



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DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

1. I certify that this Certificate of Installation documentation is accurate and complete.

Documentation Author Name:	Documentation Author Signature:
Documentation Author Company Name:	Date Signed:
Address:	CEA/HERS Certification Identification (If applicable):
City/State/Zip:	Phone:

RESPONSIBLE PERSON'S DECLARATION STATEMENT

2. I certify the following under penalty of perjury, under the laws of the State of California:

- The information provided on this certificate of installation is true and correct.
- I am either: a) a responsible person eligible under division 3 of the business and professions code in the applicable classification to accept responsibility for the system design, construction, or installation of features, materials, components, or manufactured devices for the scope of work identified on this certificate of installation, and attest to the declarations in this statement, or b) I am an authorized representative of the responsible person and attest to the declarations in this statement on the responsible person's behalf.
- The constructed or installed features, materials, components or manufactured devices (the installation) identified on this certificate of installation conforms to all applicable codes and regulations and the installation conforms to the requirements given on the certificate of compliance, plans, and specifications approved by the enforcement agency.
- I understand that a HERS rater will check the installation to verify compliance and if such checking determines the installation fails to comply, I am required to offer any necessary corrective action at no charge to the building owner.
- I understand that a registered copy of this certificate of installation shall be posted or made available with the building permit(s) issued for the building and made available to the enforcement agency for all applicable inspections, and I will take the necessary steps to ensure this requirement is accomplished.
- I understand that a registered copy of this certificate of installation is required to be included with the documentation the builder provides to the building owner at occupancy, and I will take the necessary steps to ensure this requirement is accomplished.

Responsible Builder/Installer Name:	Responsible Builder/Installer Signature:	
Company Name: (Installing Subcontractor or General Contractor or Builder/Owner)	Position With Company (Title):	
Address:	CSLB License:	
City/State/Zip:	Phone	Date Signed:
Third Party Quality Control Program (TPQCP) Status:	Name of TPQCP (if applicable):	

For assistance or questions regarding the Energy Standards, contact the Energy Hotline at: 1-800-772-3300

CERTIFICATE OF INSTALLATION – USER INSTRUCTIONS	LMCI-ENV-21-H
Framing Stage	(Page 1 of 2)

### LMCI-ENV-21 User Instructions

Quality Insulation Installation (QII) applies to the entire building (roof/ceiling, walls, and floor) for new construction and requires field verification by a third-party HERS Rater. For Alterations to existing buildings, compliance credit can only be taken when the “existing, plus addition, plus alteration” approach is used, but credit will only apply to the new surfaces in the new zone.

#### A. Air Barrier Materials

- Using the drop down menu, indicate which method is being used to comply with the continuous air barrier requirements [e.g., Method 1 (Individual Materials), Method 2 (Assemblies of Materials), Method 3 (Complete Building)].

#### B. Raised Floor Adjacent to Unconditioned Space or Separate Dwelling Unit

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#### C. Walls Adjacent to Unconditioned Space

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#### D. Ceiling Air Barrier Adjacent to Unconditioned Space

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#### E. Roof Air Barrier – Unvented Attics Adjacent to Unconditioned Space

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#### F. Conditioned Space Above or Adjacent to Garage Air Barrier

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#### G. Cantilevered Floor Air Barrier

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#### H. Walls for Attached Porch, Attic, Double Wall Air Barrier

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#### I. Air Barrier in Multifamily Dwellings

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#### J. Special Requirements for SIPs

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