



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 (Project Name, Dwelling Address, City and Zip Code) and Value (Enforcement Agency, Permit Number, Permit Application Date)

A. System Information

Procedures for verification of High SEER/SEER2 and EER/EER2 Equipment are described in Reference Appendix RA3.4. Each HVAC system requiring verification must use a separate form.

Table with 2 columns: ID (01-11) and Description (Space Conditioning System Identification, SEER/SEER2 Performance Compliance, etc.)

B. Rated Space Conditioning System Equipment Information from Nameplate of the Installed System

The data on the nameplate of the installed component shall conform to the data for the component as shown in the Directory used to certify product performance in order to demonstrate compliance.

Table with 10 columns: 01-04 (System ID, Description, Indoor Unit Name, Installed Indoor Unit Type) and 05-10 (Data from nameplate: Outdoor Condenser, Indoor Unit, Installed Model, Manufacturer Name, Installed Furnace Model, Manufacturer Name)



SAMPLE FORM – NOT VALID FOR SUBMISSION TO BUILDING DEPARTMENTS

C. Rated Space Conditioning System Equipment Information from Directory of Certified Product Performance

The data on the nameplate of the installed component shall conform to the data for the component as shown in the Directory used to certify product performance in order to demonstrate compliance.

Table with 10 columns: 01 (SC System ID/Name from LMCC), 02 (SC System Description of Area Served), 03 (Indoor Unit Name or Description of Area Served), 04 (Installed Indoor Unit Type), 05 (Outdoor Condenser or Package Unit - Installed Manufacturer Name), 06 (Outdoor Condenser or Package Unit - Installed Model Number), 07 (Indoor Unit - Installed Manufacturer Name), 08 (Indoor Unit - Installed Model Number), 09 (Installed Furnace Manufacturer Name), 10 (Installed Furnace Model Number). Header: Data from the directory used to certify product performance for the rated system component.

D. Verified Cooling System SEER/SEER2

Signature by responsible person on this compliance document certifies that the installed cooling equipment meets or exceeds the required value listed on the LMCC.

Table with 3 rows: 01 (Required minimum SEER/SEER2), 02 (Installed SEER/SEER2), 03 (Compliance Statement).

E. Verified Cooling System EER/EER2

Signature by responsible person on this compliance document certifies that the installed cooling equipment meets or exceeds the required value listed on the LMCC.

Table with 3 rows: 01 (Required Minimum EER/EER2), 02 (Installed EER/EER2), 03 (Compliance Statement).

F. Verified Heat Pump Heating Output

Signature by responsible person on this compliance document certifies that the installed heat pump equipment meets or exceeds the required value listed on the LMCC

Table with 5 rows: 01 (Required Heating BTU Output at 47 Degrees F), 02 (Installed Heating BTU Output at 47 Degrees F), 03 (Required Heating Output at 17 Degrees F), 04 (Installed Heating Output at 17 Degrees F), 05 (Compliance Statement).

G. Verified Heat Pump HSPF/HSPF2

Signature by responsible person on this compliance document certifies that the installed heat pump equipment meets or exceeds the required value listed on the LMCC.

Table with 3 rows: 01 (Required minimum HSPF/HSPF2), 02 (Installed HSPF/HSPF2), 03 (Compliance Statement).

H. Verified Space Conditioning System Air Handler, Furnace or Fan Coil

Table with 1 row: 01 (If a specific air handler, furnace or fan coil is required by the directory used to certify product performance, the responsible person certifies by signing this compliance document that the installed air handler/furnace matches the equipment specified by the Directory of Certified Performance).



SAMPLE FORM – NOT VALID FOR SUBMISSION TO BUILDING DEPARTMENTS

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

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

Table with 2 columns: Documentation Author Name, Documentation Author Signature, Documentation Author Company Name, Date Signed, Address, CEA/HERS Certification Identification, 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:
1. The information provided on this certificate of installation is true and correct.
2. I am either: a) a responsible person eligible under division 3 of the business and professions code...
3. The constructed or installed features, materials, components or manufactured devices...
4. I understand that a HERS rater will check the installation to verify compliance...
5. I understand that a registered copy of this certificate of installation shall be posted...
6. I understand that a registered copy of this certificate of installation is required to be included with the documentation...

Table with 2 columns: Responsible Builder/Installer Name, Responsible Builder/Installer Signature, Company Name, Position With Company, Address, CSLB License, City/State/Zip, Phone, Date Signed, Third Party Quality Control Program Status, Name of TPQCP.

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

CERTIFICATE OF INSTALLATION – USER INSTRUCTIONS	LMCI-MCH-26-H
Rated Space Conditioning System Equipment Verification	(Page 1 of 4)

LMCI-MCH-26-H User Instructions

Section A. System Information

1. System Name or Identification/Tag: This field is filled out automatically. It is referenced from the LMCI-MCH-01, which must be completed prior to this document.
2. System Location or Area Served: This field is filled out automatically. It is referenced from the LMCI-MCH-01, which must be completed prior to this document.
- 3a. Efficiency Metric: EER/SEER, EER2/SEER2, HSPF, or HSPF2
3. Status: SEER/SEER2 performance compliance credit check: This field is filled out automatically. It is referenced from the LMCC.
4. Status: EER/EER2 performance compliance credit check: This field is filled out automatically. It is referenced from the LMCI-MCH-01, which must be completed prior to this document.
5. Status: Heat Pump Heating Output Performance Compliance Check: This field is filled out automatically. It is referenced from the LMCI-MCH-01, which must be completed prior to this document.
6. Status: HSPF/HSPF2 performance compliance credit check: This field is filled out automatically. It is referenced from the LMCC.
7. Directory Used to Certify Product Performance: User to select from dropdown list the certification database used to document equipment efficiency. Choices are AHRI, CEC and DOE.
8. AHRI Certification Number for the Installed Space Conditioning System: If the directory used is not AHRI, "N/A" will automatically be entered. Otherwise, enter the complete AHRI Certification Number for the Installed Space Conditioning System. This number represents a specific piece of equipment (e.g., package units) or combination of equipment (e.g., split systems) that must match the installed equipment.
9. Does the directory used to certify product performance require a specific air handler, furnace or fan coil make and model?: If not using AHRI, user has the option to select "N/A." Note that when using AHRI, this does not apply to package units. Sometimes, for split systems, a specific model air handler/furnace will be called out in addition to the condenser and coil. When it is, it must be installed and verified for the AHRI certificate to be valid for the installed system. Sometimes, the AHRI certificate only calls out the condenser and coil model numbers. In this case the furnace make/model need not be verified. If not, select "No".
10. Does the directory used to certify product performance require a time delay relay (+TDR)?: If not using AHRI, user has the option to select "N/A." If the AHRI certificate specifies that a TDR was on the system when it was tested, then the TDR is required for the system to achieve its certified efficiency and it must be verified. If not, select "No". The indication for a TDR usually consists of a "+TDR" at the end of the model number. Sometimes it may just be a "+D" (delay).
11. Does the directory used to certify product performance require a TXV (+TXV)?: If not using AHRI, user has the option to select "N/A." If the AHRI certificate specifies that a TXV was on the system when it was tested, then the TXV is required for the system to achieve its certified efficiency and it must be verified. If not, select "No". The indication for a TXV usually consists of a "+TXV" at the end of the model number. Sometimes it may just be a "+V" (valve).

Section B. Rated Space Conditioning System Equipment Verification from Nameplate

1. System Name or Identification/Tag: This field is filled out automatically. It is referenced from the LMCI-MCH-01, which must be completed prior to this document.
2. System Location or Area Served: This field is filled out automatically. It is referenced from the LMCI-MCH-01, which must be completed prior to this document.

CERTIFICATE OF INSTALLATION – USER INSTRUCTIONS	LMCI-MCH-26-H
Rated Space Conditioning System Equipment Verification	(Page 2 of 4)

3. Indoor unit Name: This field is filled out automatically. It is referenced from the LMCI-MCH-01, which must be completed prior to this document.
4. Installed indoor unit type is automatically filled out.
5. Outdoor Condenser or Package Unit - Installed Manufacturer Name, Data from Nameplate of Installed system component: This field is filled out automatically. It is referenced from the LMCI-MCH-01, which must be completed prior to this document.
6. Outdoor Condenser or Package Unit - Installed Model Number, Data from Nameplate of Installed system component: This field is filled out automatically. It is referenced from the LMCI-MCH-01, which must be completed prior to this document.
7. Indoor Coil - Installed Manufacturer Name, Data from Nameplate of Installed system component: This field is filled out automatically. It is referenced from the LMCI-MCH-01, which must be completed prior to this document.
8. Indoor Coil - Installed Model Number, Data from Nameplate of Installed system component: This field is filled out automatically. It is referenced from the LMCI-MCH-01, which must be completed prior to this document. For systems where there is no separate inside coil “N/A” will be automatically entered.
9. Installed Furnace Manufacturer Name, Data from Nameplate of Installed system component: This field is filled out automatically. It is referenced from the LMCI-MCH-01, which must be completed prior to this document.
10. Installed Furnace Model Number, Data from Nameplate of Installed system component: This field is filled out automatically. It is referenced from the LMCI-MCH-01, which must be completed prior to this document

Section C. Rated Space Conditioning System Equipment Verification from Directory

1. System Name or Identification/Tag: This field is filled out automatically. It is referenced from the LMCI-MCH-01, which must be completed prior to this document.
2. System Location or Area Served: This field is filled out automatically. It is referenced from the LMCI-MCH-01, which must be completed prior to this document.
3. Indoor unit Name: This field is filled out automatically. It is referenced from the LMCI-MCH-01, which must be completed prior to this document.
4. Installed indoor unit type is automatically filled out
5. Outdoor Condenser or Package Unit - Installed Manufacturer Name, Data from the Directory used to certify product performance for the rated system component: Enter the Manufacturer’s name for the condenser as it appears in the Directory. For Package units, this will be the only Manufacturer’s name.
6. Outdoor Condenser or Package Unit - Installed Model Number, Data from the Directory used to certify product performance for the rated system component: Enter the Manufacturer’s model number for the condenser as it appears in the Directory. For Package units, this will be the only model number required.
7. Indoor Coil - Installed Manufacturer Name, Data from the Directory used to certify product performance for the rated system component: Enter the Manufacturer’s name for the inside coil (aka, indoor coil, evaporator coil) as it appears in the Directory. For system types that don’t have separate inside coils or if the directory rating does not include this information, like package units, fan coil units and multi-split variable capacity heat pumps, user may enter “N/A”.
8. Indoor Coil - Installed Model Number, Data from the Directory used to certify the rated system component: Enter the Manufacturer’s model number for the inside coil (aka, indoor coil, evaporator coil) as it appears in the Directory. For system types that don’t have separate inside coils or if the directory

CERTIFICATE OF INSTALLATION – USER INSTRUCTIONS	LMCI-MCH-26-H
Rated Space Conditioning System Equipment Verification	(Page 3 of 4)

rating does not include this information (package units, fan coil units, multi-split variable capacity heat pumps), user may enter “N/A”.

9. Installed Furnace Manufacturer Name, Data from the directory used to certify product performance for the rated system component: If not using AHRI, user has the option to select “N/A.” Enter the Manufacturer’s name for the air handler/furnace as it appears in the directory. For package units there is no separate air handler, so enter “N/A”. Also enter “N/A” if a specific furnace or air handler is not called out in the directory, as indicated in Section A, above.
10. Installed Furnace Model Number, Data from the directory used to certify product performance for the rated system component: If not using AHRI, user has the option to select “N/A”. Enter the Manufacturer’s model number for the air handler/furnace as it appears in the directory. For package units there is no separate air handler, so enter “N/A”. Also enter “N/A” if a specific furnace or air handler is not called out in the directory, as indicated in Section A, above.

Section D. Verified Cooling System SEER/SEER2

1. Required Minimum SEER/SEER2: This field is filled out automatically. It is referenced from the LMCI-MCH-01, which must be completed prior to this document.
2. Installed SEER/SEER2: Enter the exact SEER value shown in the Directory used to certify the equipment shown in Section A, above.
3. Compliance Statement: This field is filled out automatically. Compliance requires that the installed SEER meet the required minimum SEER.

Section E. Verified Cooling System EER/EER2

1. Required Minimum EER/EER2: This field is filled out automatically. It is referenced from the LMCI-MCH-01, which must be completed prior to this document.
2. Installed EER/EER2: Enter the exact EER value shown on in the Directory used to certify the equipment shown in Section A, above.
3. Compliance Statement: This field is filled out automatically. Compliance requires that the installed EER meet the required minimum EER.

Section F. Verified Heat Pump Heating Output

1. Required Heating BTU Output at 47 Degrees F: This field is filled out automatically. It is referenced from the LMCI-MCH-01, which must be completed prior to this document.
2. Installed Heating BTU Output at 47 Degrees F: Enter the exact Heating BTU Output at 47 Degrees F value shown on in the Directory used to certify the equipment shown in Section A, above.
3. Required Heating BTU Output at 17 Degrees F: This field is filled out automatically. It is referenced from the LMCI-MCH-01, which must be completed prior to this document.
4. Installed Heating BTU Output at 17 Degrees F: Enter the exact Heating BTU Output at 17 Degrees F value shown on in the Directory used to certify the equipment shown in Section A, above. N/A entry is allowed if heat pump system output is not rated at 17 degrees F in any directory
5. Compliance Statement: This field is filled out automatically. If both rating points are available compliance requires that the installed Heating BTU Output at 47 Degrees and Heating BTU Output at 17 Degrees meet the required minimum from LMCI-MCH-01 or if the high temperature is available compliance requires that the installed Heating BTU Output at 47 Degrees meet the required minimum from LMCI-MCH-01.

CERTIFICATE OF INSTALLATION – USER INSTRUCTIONS	LMCI-MCH-26-H
Rated Space Conditioning System Equipment Verification	(Page 4 of 4)

Section G. Verified Heat Pump System HSPF/HSPF2

4. Required Minimum HSPF/HSPF2: This field is filled out automatically. It is referenced from the LMCI-MCH-01, which must be completed prior to this document.
5. Installed HSPF/HSPF2: Enter the exact HSPF value shown on in the Directory used to certify the equipment shown in Section A, above.
6. Compliance Statement: This field is filled out automatically. Compliance requires that the installed HSPF meet the required minimum EER.

Section H. Verified Space Conditioning System Air Handler/Furnace

1. This statement must be true for the system to comply.

Section I. Verified Space Conditioning System Time Delay Relay

1. This statement must be true for the system to comply.

Section J. Verified Space Conditioning System TXV

1. This statement must be true for the system to comply.

Documentation Declaration Statements

1. The person who prepared the LMCI will sign and complete the fields for their name, company (if applicable), address, phone number, certification information (if applicable), date and signature.
2. The person who is assuming responsibility for the project being built to comply with Title 24, Part 6, will complete the fields for their name, company (if applicable), address, phone number, license number (if applicable), date and signature.