



**SAMPLE FORM – NOT VALID FOR SUBMISSION TO BUILDING DEPARTMENTS**

**CERTIFICATE OF INSTALLATION**

**Note:** This table completed by HERS Registry.

Project Name:	Enforcement Agency:
Dwelling Address:	Permit Number:
City and Zip Code:	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.*

01	Space Conditioning System Identification or Name	
02	Space Conditioning System Description of Area Served	
03a	Efficiency Metric	
03	Status: SEER/SEER2 Performance Compliance Credit Check	
04	Status: EER/EER2 Performance Compliance Credit Check	
05	Status: Heat Pump Heating Output Performance Compliance Check	
06	Status: HSPF/HSPF2 Performance Compliance Credit Check	
07	Directory Used to Certify Product Performance	
08	AHRI Certification Number for the Installed Space Conditioning System from <a href="http://www.ahridirectory.org">http://www.ahridirectory.org</a>	
09	Does the directory used to certify product performance require a specific air handler, furnace or fan coil make and model?	
10	Does the directory used to certify product performance require a time delay relay (+TDR)?	
11	Does the directory used to certify product performance require a TXV (+TXV)?	

**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.*

01	02	03	04	Data from nameplate of the installed system component					
				05	06	07	08	09	10
SC System ID/Name from CF1R	SC System Description of Area Served	Indoor Unit Name or Description of Area Served	Installed Indoor Unit Type	Outdoor Condenser or Package Unit – Installed Manufacturer Name	Outdoor Condenser or Package Unit - Installed Model Number	Indoor Unit – Installed Manufacturer Name	Indoor Unit - Installed Model Number	Installed Furnace Manufacturer Name	Installed Furnace Model Number



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**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.

01	02	03	04	Data from the directory used to certify product performance for the rated system component					
				05	06	07	08	09	10
SC System ID/Name from CF1R	SC System Description of Area Served	Indoor Unit Name or Description of Area Served	Installed Indoor Unit Type	Outdoor Condenser or Package Unit – Installed Manufacturer Name	Outdoor Condenser or Package Unit – Installed Model Number	Indoor Unit – Installed Manufacturer Name	Indoor Unit – Installed Model Number	Installed Furnace Manufacturer Name	Installed Furnace Model Number

**D. Verified Cooling System SEER/SEER2**

01	Required minimum SEER/SEER2	
02	Installed SEER/SEER2	
03	Compliance Statement:	

Signature by responsible person on this compliance document certifies that the installed cooling equipment meets or exceeds the required value listed on the CF1R.

**E. Verified Cooling System EER/EER2**

01	Required Minimum EER/EER2	
02	Installed EER/EER2	
03	Compliance Statement:	

Signature by responsible person on this compliance document certifies that the installed cooling equipment meets or exceeds the required value listed on the CF1R.

**F. Verified Heat Pump Heating Output**

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**

01	Required minimum HSPF/HSPF2	
02	Installed HSPF/HSPF2	
03	Compliance Statement:	

Signature by responsible person on this compliance document certifies that the installed cooling equipment meets or exceeds the required value listed on the CF1R.

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

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.
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**I. Verified Space Conditioning System Time Delay Relay**

01	If a Time Delay Relay is specified by the Directory of Certified Product Performance, the responsible person certifies by signing this compliance document that the Time Delay Relay is installed and has been tested to operate correctly according to the protocols of RA3.4.3.
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**J. Verified Space Conditioning System TXV**

01	If a TXV is specified by the Directory of Certified Product Performance, the responsible person certifies by signing this compliance document that the TXV is properly installed and has been visually verified, including proper placement of the sensing bulb.
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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:
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 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.
  3. 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.
  4. 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.
  5. 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.
  6. 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	CF2R-MCH-26-H
Rated Space Conditioning System Equipment Verification – MCH-26	(Page 1 of 4)

## CF2R-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 CF2R-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 CF2R-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 CF1R.
4. Status: EER/EER2 performance compliance credit check: This field is filled out automatically. It is referenced from the CF2R-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 CF2R-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 CF1R.
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 CF2R-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 CF2R-MCH-01, which must be completed prior to this document.

CERTIFICATE OF INSTALLATION – USER INSTRUCTIONS	CF2R-MCH-26-H
Rated Space Conditioning System Equipment Verification – MCH-26	(Page 2 of 4)

3. Indoor unit Name: This field is filled out automatically. It is referenced from the CF2R-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 CF2R-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 CF2R-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 CF2R-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 CF2R-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 CF2R-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 CF2R-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 CF2R-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 CF2R-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 CF2R-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	CF2R-MCH-26-H
Rated Space Conditioning System Equipment Verification – MCH-26	(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 CF2R-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 CF2R-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 CF2R-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 CF2R-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 CF2R-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 CF2R-MCH-01.



CERTIFICATE OF INSTALLATION – USER INSTRUCTIONS	CF2R-MCH-26-H
Rated Space Conditioning System Equipment Verification – MCH-26	(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 CF2R-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 CF2R 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.