

CERTIFICATE OF INSTALLATION		CF2R-MCH-26-H
Verification of High SEER & EER Equipment		(Page 1 of 2)
Project Name:	Enforcement Agency:	Permit Number:
Dwelling Address:	City:	Zip Code:

**System Information**

Each system requiring verification must use a separate form.

1.	System Name or Identification/Tag	
2.	System Location or Area Served	

**Verified Cooling System Efficiency**

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

3a.	Required SEER from the CF-1R Report	SEER	
3b.	Required EER from the CF-1R Report	EER	
4a.	List AHRI number for the installed air conditioning equipment from <a href="http://www.ahridirectory.org">http://www.ahridirectory.org</a>		
4b.	<input type="checkbox"/> Yes <input type="checkbox"/> No	This AHRI Certificate has been uploaded to HERS provider	
5a.	SEER listed on AHRI Certification	SEER	
5b.	EER listed on AHRI Certification	EER	
6a.	Manufacturer Name of Installed Outdoor Condenser (auto filled from MECH-1)		
6b.	Model Number of Installed Outdoor Condenser (auto filled from MECH-1)		
6c.	Serial Number of Installed Outdoor Condenser (auto filled from MECH-1)		
7a.	Manufacture Name of Installed Inside Coil (auto filled from MECH-1)		
7b.	Model Number of Installed Inside Coil (auto filled from MECH-1)		
7c.	Serial Number of Installed Inside Coil (auto filled from MECH-1)		
8.	<input type="checkbox"/> Yes <input type="checkbox"/> No	Is Furnace Model Number Included as part of AHRI Product Rating?	
9a.	Manufacture Name of Installed Air Handler/Furnace (auto filled from MECH-1)		
9b.	Model Number of Installed Air Handler/Furnace (auto filled from MECH-1)		
9c.	Serial Number of Installed Air Handler/Furnace (auto filled from MECH-1)		
10.	<input type="checkbox"/> Yes <input type="checkbox"/> No	The Manufacturer Names, Model Numbers and Efficiency for the equipment listed above matches the AHRI Certification.	
11.	<input type="checkbox"/> Yes <input type="checkbox"/> No	The Manufacturer Names, Model Numbers, Serial Numbers and Efficiency for the equipment listed above matches what was installed in the field.	
12.	<input type="checkbox"/> Yes <input type="checkbox"/> No	Is time delay required by the AHRI rating?	
13.	<input type="checkbox"/> Yes <input type="checkbox"/> No	Is time delay installed and functioning correctly?	
14.	Compliance Statement based on answer to #5, #10, #11 and if required #13.		

Registration Number:

Registration Date/Time:

HERS Provider:

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<b>DOCUMENTATION AUTHOR'S DECLARATION STATEMENT</b>		
1. I certify that this Certificate of Installation documentation is accurate and complete.		
Name:	Signature:	
Company:	Date:	
Address:	CEA or CEPE or HERS Certification # If applicable:	
City/State/Zip:	Phone:	

<b>RESPONSIBLE PERSON'S DECLARATION STATEMENT</b>	
<p>1. I certify under penalty of perjury, under the laws of the State of California, the information provided on this Certificate of Installation is true and correct.</p> <p>2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for construction, or an authorized representative of the person responsible for construction (responsible person).</p> <p>3. I certify that the installed features, materials, components, or manufactured devices identified on this certificate (the installation) conforms to all applicable codes and regulations, and the installation is consistent with the plans and specifications approved by the enforcement agency.</p> <p>4. I understand that a HERS rater will check the installation to verify compliance, and that if such checking identifies defects, I am required to take corrective action at my expense. I understand that Energy Commission and HERS provider representatives will also perform quality assurance checking of installations, including those approved as part of a sample group but not checked by a HERS rater, and if those installations fail to meet the requirements of such quality assurance checking, the required corrective action and additional checking/testing of other installations in that HERS sample group will be performed at my expense.</p> <p>5. I reviewed a copy of the Certificate of Compliance (CF1R) approved by the enforcement agency that identifies the specific requirements for the installation. I certify that the requirements detailed on the CF1R that apply to the installation have been met.</p> <p>6. <b>I will ensure that a completed, signed 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. I understand that a signed copy of this Certificate of Installation is required to be included with the documentation the builder provides to the building owner at occupancy. I will ensure that all Certificates of Installation are registered with a HERS Provider Data Registry for projects that require HERS verification.</b></p>	

Company Name: (Installing Subcontractor or General Contractor or Builder/Owner)		
Responsible Person's Name:		Responsible Person's Signature:
CSLB License:	Date Signed:	Position With Company (Title):
Is this installation monitored by a Third Party Quality Control Program (TPQCP)?	Name of TPQCP (if applicable):	
<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No		

**User Instructions for Completing the MECH-26****System Information**

1. System Name or Identification/Tag – Imported from the MECH-01; provide an identification name or tag name that uniquely identifies the duct system. If there is a mechanical plan for the system, the tag name may be given on the plans.
2. System Location or Area Served - Imported from the MECH-01; provide a brief description of the area served by the duct system (e.g. upstairs; downstairs).

**Verified Cooling System Efficiency**

3. a. – Required SEER – Imported from the CF-1R. If SEER not required to be verified enter NA for this and all related SEER questions (#3a and #5a).  
b. – Required EER – Imported from the CF-1R. If EER not required to be verified enter NA for this and all related SEER questions (#3b and #5b).
4. a. - List AHRI number for the installed cooling system from <http://www.ahridirectory.org> – Imported from the MECH-01. The installer must use equipment listed with AHRI. Installer to determine the required SEER/EER and what equipment listed on the AHRI directory will be installing to meet the required SEER/EER.  
b. – Upload AHRI certificate. The installer is to print out the AHRI certificate and upload it to the providers web site.  
**Note the form cannot be finalized unless the AHRI certificate is uploaded to the provider.**
5. a. – Installed SEER from AHRI Certification – Enter the SEER rating from the AHRI certificate. Note the installed SEER (#5a) must be equal to or better (larger number) than required SEER (#3a).  
b. – Installed EER from AHRI Certification – Enter the EER rating from the AHRI certificate. Note the installed EER (#5b) must be equal to or better (larger number) than required EER (#3b).
6. List the installed outdoor condenser Manufacture Name, Model Number, and Serial Number. This information will be imported from MECH-01.
7. List the installed indoor coil Manufacture Name, Model Number, and Serial Number. This information will auto fill from MECH-01.
8. Is the Furnace Model Number Included as part of AHRI Product Rating:  
a. – If the yes box is checked = The installer certifies that the air handler/furnace is included in the air conditioning system efficiency rating and therefore Air Handler/Furnace Manufacture Name, Model Number, and Serial Number must be entered on line #9. This information will auto fill from MECH-01.  
b. – If the no box is checked = The installer certifies that the air handler/furnace is not included in the air conditioning system efficiency rating and is not required to be verified on line #9. If not required to be verified enter NA for this and all related Air Handler/Furnace questions.  
**Note if the no box is checked line #9 is no longer required and should be removed from the final form.**
9. List the Installed Air Handler/Furnace Manufacture Name, Model Number, and Serial Number. This information will auto fill from MECH-01.
10. Verify that the Manufacture Name, Model Number and Efficiency of the outdoor condenser, indoor coil and if included the air handler/furnace listed on this form exactly matches the information listed on the AHRI Certificate:  
a. – If the yes box is checked = The installer certifies that the documented outdoor condenser, indoor coil and if included the air handler/furnace exactly matches the Manufacture Name, Model Number and Efficiency listed on the AHRI Certificate.  
b. – If the no box is checked = The installer certifies that some portion of the documented outdoor condenser, indoor coil and if included the air handler/furnace does not match the Manufacture Name, Model Number and Efficiency listed on the AHRI Certificate.
11. Verify that the installed outdoor condenser, indoor coil and if included the air handler/furnace Manufacture Name and Model Number exactly matches the information listed on the MECH-23 form:  
a. – If the yes box is checked = The installer certifies that the installed outdoor condenser, indoor coil and if included the air handler/furnace exactly matches the Manufacture Name, Model Number and Serial Number listed on the MECH-23 Form.  
b. – If the no box is checked = The installer certifies that some portion of the installed outdoor condenser, indoor coil and if included the air handler/furnace does not match the Manufacture Name, Model Number and Serial Number listed on the MECH-23 Form.
12. Is time delay required by the AHRI certificate?  
a. – If the yes box is checked = The installer certifies that a time delay is included in the air conditioning system efficiency rating and therefore must be verified to function properly on line #13.  
b. – If the no box is checked = The installer certifies that a time delay is not included in the air conditioning system efficiency rating and therefore its function is not required to be verified on line #13. HERS rater to verify if AHRI lists a required time delay. If time delay required the HERS rater must fail the test and enter a failure on the provider's web site.  
**Note if the no box is checked line #13 is no longer required and should be removed from the final form.**
13. Time delay installed and functioning correctly:  
a. – If the yes box is checked = The installer certifies that the test was performed and the indoor fan continued to run for at least 30 seconds per the testing procedure below.  
b. – If the no box is checked = The installer certifies that the test was performed and the indoor fan did not continued to run for at least 30 seconds.

**Test Procedure:**

1. Turn the thermostat down until the compressor and indoor fan are both running.
2. Turn the thermostat up so the compressor stops running and start timer.
3. Did the indoor fan continue to run for at least 30 seconds?

If the answer is yes then time delay passes. If the answer is no then time delay fails and must be repaired.

14. Compliance Statement auto filled:

a. – If the following are true:

#5a is greater than or equal to #3a

#5b is greater than or equal to #3b

#10 and #11 are marked as yes

If #12 is marked as yes then #13 must be marked yes

Then form result = **Pass** – The system's cooling efficiency meets the requirements of the design.

b. – If any of the following true:

#5a is less than #3a

#5b is less than #3b

Either #10 or #11 are marked as no

If #12 is marked as yes and #13 must be marked no

Then the form result = **Fail** – The system's cooling efficiency does not meet the requirements of the design.