

CERTIFICATE OF INSTALLATION		CF2R-PLMB-04-E
Solar Water Heating Systems		(Page 1 of 2)
Project Name:	Enforcement Agency:	Permit Number:
Dwelling Address:	City	Zip Code

A. SOLAR WATER HEATING SYSTEMS		
1.	Mfr Name	
2.	SRCC Model Number	
3.	Certification Type (OG-300, OG-100)	
4.	Solar Savings Fraction (annual average value)	
5.	# of Collectors in System	
6.	Collector Size (Square Footage)	
7.	Total Storage Volume (gallons)	
8.	Solar System Collector Orientation	
9.	Solar System Collector Tilt	
The responsible person's signature on this Certificate of Installation indicates the system identified on this Certificate has complied with all applicable requirements specified in this Table.		

B. SRCC OG-100 CERTIFIED COLLECTORS		
<i>The installed system shall meet the following eligibility criteria:</i>		
1.	System is installed at the same orientation as modeled.	
2.	System is installed at the same tilt as modeled.	
3.	The system shall have the same collectors, pumps, controls, storage tank and backup water heater fuel type as the rated condition.	
4.	The collectors are located in a position that is not shaded by adjacent buildings or trees.	
5.	Backup Storage tanks are insulated with either an internal R-12 (labeled on tank) or external R-16	
The responsible person's signature on this Certificate of Installation indicates the system identified on this Certificate has complied with all applicable requirements specified in this Table.		

C. SRCC OG-300 CERTIFIED SYSTEMS		
<i>The installed system shall meet the following eligibility criteria:</i>		
1.	The collectors shall face within 35 degrees of south and be tilted at a slope of at least 3:12	
2.	The system shall have the same collectors, pumps, controls, storage tank and backup water heater fuel type as the rated condition.	
3.	The collectors shall be located in a position that is not shaded by adjacent buildings or trees.	
The responsible person's signature on this Certificate of Installation indicates the system identified on this Certificate has complied with all applicable requirements specified in this Table.		

D. MULTIFAMILY PRESCRIPTIVE COMPLIANCE		
<i>In addition to the OG-100 requirements above, ensure the following condition is met:</i>		
1.	For climate zones 1 through 9 only - the solar system has an annual solar savings fraction of 0.2	
2.	For climate zones 10 through 16 only – the solar system has an annual solar savings fraction of 0.35	
The responsible person's signature on this Certificate of Installation indicates the system identified on this Certificate has complied with all applicable requirements specified in this Table.		

E. ELECTRIC WATER HEATING PRESCRIPTIVE COMPLIANCE		
<i>In addition to the OG-100 or OG-300 requirements above, ensure the following conditions are met:</i>		
1.	The solar system has an annual solar savings fraction of 0.5 or above	
2.	No natural gas is available to the site	
3.	No recirculating distribution system is installed	

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4.	Water Heater is installed inside conditioned space
The responsible person's signature on this Certificate of Installation indicates the system identified on this Certificate has complied with all applicable requirements specified in this Table.	

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT		
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:	
RESPONSIBLE PERSON'S DECLARATION STATEMENT		
1. I certify under penalty of perjury, under the laws of the State of California, the information provided on this form is true and correct.		
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).		
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.		
4. 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.		
5. 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.		
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):

Installer Instructions

SOLAR HOT WATER HEATING SYSTEMS

1. Manufacturer Name - From Certificate of Compliance CF-SR 100 or CF-SR-300
2. Model Number - . From Certificate of Compliance CF-SR 100 or CF-SR-300
3. Certification Type – Select either OG100 or OG 300 test procedure based on CF SR submitted.
4. Solar Fraction - From Certificate of Compliance CF-SR 100 or CF-SR-300.
5. Number of Collectors - From Certificate of Compliance CF-SR 100 or CF-SR-300
6. Collector Size - From Certificate of Compliance CF-SR 100 or CF-SR-300 or from SRCC directory value.
7. Total Storage Volume – Total gallons for water heater and supplemental storage tanks.
8. Collector System orientation - From Certificate of Compliance CF-SR 100 or CF-SR-300
9. Collector system tilt - From Certificate of Compliance CF-SR 100 or CF-SR-300

SRCC OG-100 certified collectors - the installed system shall meet the following eligibility criteria

1. Collector System orientation from true south is within 5 degrees of the value listed above. Declination from true north for the site should be calculated and included in this measurement
2. Collector should be modeled with a tilt within 10 degrees as the value listed above.
3. The system shall have the same collectors, pumps, controls, storage tank and backup water heater fuel type as the rated condition.
4. The collectors shall be located in a position that is not shaded by adjacent buildings or trees between 9:00 AM and 3:00 PM. Inspect site to determine if any structural component of the building, adjacent structures, or tree may shade the collector area.
5. Backup Storage tanks are insulated with either an internal R-13 (labeled on tank) or external R-16

SRCC OG-300 certified systems - the installed system shall meet the following eligibility criteria:

1. Collector System orientation shall be within 35 degree from true south Declination from true north for the site should be calculated and included in this measurement
2. Collector should be modeled with a tilt within 10 degrees as the value listed above.
3. The system shall have the same collectors, pumps, controls, storage tank and backup water heater fuel type as the rated condition.
4. The collectors shall be located in a position that is not shaded by adjacent buildings or trees between 9:00 AM and 3:00 PM. Inspect site to determine if any structural component of the building, adjacent structures, or tree may shade the collector area.
5. Backup Storage tanks are insulated with either an internal R-13 (labeled on tank) or external R-16