DOCKETED		
Docket Number:	15-BSTD-02	
Project Title:	Residential Compliance Manual and Documents	
TN #:	232818-16	
Document Title:	2016-CF2R-MCH-21-DuctLocationpdf	
Description:	N/A	
Filer:	Corrine Fishman	
Organization:	California Energy Commission	
Submitter Role:	Public Agency	
Submission Date:	4/22/2020 9:24:15 AM	
Docketed Date:	4/22/2020	

### STATE OF CALIFORNIA

## DUCT LOCATION

CEC-CF2R-MCH-21-H (Revised 10/16)

IFORNIA ENERGY COMMISSION	

C-CF2R-MCH-21-H (Revised 10/16) CALIFORNIA ENERGY COMMISSION		
CERTIFICATE OF INSTALLATION CF2		CF2R-MCH-21-H
Duct Location (Page 1 of		
Project Name:	Enforcement Agency:	Permit Number:
Dwelling Address:	City:	Zip Code:

A. General Information			
Note: Submit one Installation Certificate for each duct system that is taking credit for duct location.			
01	SC System Identification or Name		
02	SC System Location or Area Served		
03	Status - Less than 12 ft Ducts in Conditioned Space Performance Credit		
04	Status - Ducts Located In Conditioned Space Performance Credit		
05	Status – All Ducts Entirely in Directly Conditioned Space R-value Exception	. ^	

B. 1	2 Linear Feet or Less of Duct Located Outside of Conditioned Space - RA3.1.4.1.2
01	A visual inspection shall confirm space conditioning systems with air handlers located outside the conditioned space have 12 linear feet or
01	less of duct located outside the conditioned space including air handler and plenum.

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

C. D	oucts Located In Conditioned Space - RA3.1.4.1.3	
01	A visual inspection shall confirm the space conditioning system is located entirely in conditioned space.	
The responsible person's signature on this compliance document affirms that all applicable requirements in this table have been met.		

01	All Ducts Located Entirely in Directly Conditioned Space R-Value Except A Visual Inspection Shall Confirm the Space Conditioning Distribution System Location	8)
02	Actual System Duct Leakage Rate (cfm) Measured Using RA3.1.4.3.4 Duct Leakage to Outside from Fan Pressurization of Ducts	. 461
03	Compliance Statement:	1/0
	or informalling PERS P	

Registration Date/Time: **HERS Provider:** Registration Number:

### STATE OF CALIFORNIA

# **DUCT LOCATION**

CEC-CE2R-MCH-21-H (Revised 10/16)

CALIFORNIA ENERGY COMMISSION	

626 Of 2K MOTT 21 TI (KONOCA 16/16)	O' (Ell O') (1	BY EINEROT COMMISSION
CERTIFICATE OF INSTALLATION		CF2R-MCH-21-H
Duct Location		(Page 2 of 2)
Project Name:	Enforcement Agency:	Permit Number:
Dwelling Address:	City:	Zip Code:

Dwelling Address:	City:	Zip Code:	
	·		
DOCUMENTATION AUTHOR'S DECLARATION STATE	MENT		
1. I certify that this Certificate of Installation documentation is accurate and complete.			
Documentation Author Name: Documentation Author Signature:		iture:	
Documentation Author Company Name:	Date Signed:	Date Signed:	
Address:	CEA/HERS Certification Ident	ification (if applicable):	
City/State/Zip:	Phone:		
RESPONSIBLE PERSON'S DECLARATION STATEMENT			
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.			
	s, components or manufactured devices (the in		
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.			
		cking determines the installation fails to comply,	
I am required to offer any necessary corrective	- 4	7,7	
- · · · · · · · · · · · · · · · · · · ·	ificate of Installation shall be posted, or made a	<u> </u>	
the building, and made available to the enforc	ement agency for all applicable inspections. I un	nderstand that a registered copy of this	

ition With Company (Title):  B License: one: me of TPQCP (if applicable):	Date Signed:
one:	Date Signed:
- O	Date Signed:
ne of TPQCP (if applicable):	
<b>T</b>	

CERTIFICATE OF INSTALLATION - USER INSTRUCTIONS	CF2R-MCH-21-H
Duct Location - MCH21	(Page 1 of 1)

#### **CF2R-MCH-21-H User Instructions**

#### Section A. General Information

- 1 HVAC System Identification or Name: This field is filled out automatically. It is referenced from the CF2R-MCH-01, which must be completed prior to this document.
- 2 *HVAC 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 Status Less than 12 ft Ducts in Conditioned Space Performance Credit: This field is automatically filled based on the information given on the CF1R. If "True" appears here, it means that this credit was taken in the performance calculations, is required for compliance and must be field verified.
- 4 Status Ducts Located in Conditioned Space Performance Credit: This field is automatically filled based on the information given on the CF1R. If "True" appears here, it means that this credit was taken in the performance calculations, is required for compliance and must be field verified.
- 5 Status All Ducts Located Entirely in Directly Conditioned Space R-Value Exception: This field is automatically filled based on the information given on the CF1R. If "True" appears here, it means that this credit was taken in the performance calculations, is required for compliance and must be field verified.

## Section B. 12 Linear Feet or Less of Duct Located Outside of Conditioned Space

1 This field is automatically filled.

### **Section C. Ducts Located in Conditioned Space**

1 This field is automatically filled.

## Section D. All Ducts Located Entirely in Directly Conditioned Space R-Value Exception

- 1 A Visual Inspection Shall Confirm the Distribution System is in Conditioned Space: If a visual inspection confirms that the ducts appear to be entirely within conditioned space, then select "entirely in conditioned space", otherwise select "not entirely in conditioned space". The latter selection means that the system does not meet the requirements and the CF1R will have to be revised or the system will need to be modified such that the ducts are located entirely within conditioned space.
- Actual System Duct Leakage Rate (cfm) Measured using RA3.1.4.3.4 Duct Leakage to Outside from Fan Pressurization of Ducts: Enter the measured duct leakage rate (cfm) using the procedures found in RA3.1.4.3.4.
- 3 Compliance Statement: This field is automatically filled.