Duct Leakage Test – Completely New or Replac		CF-6R-MECH-		
Duct Leakage Test - Completely New or Replacement Duct System         (Page)				
lite Address:	Enforcement Agency:	Permit Number:		
Enter the Duct System Name or Identification/Tag:				
Enter the Duct System Location or Area Served:				
Note: Submit one Installation Certificate for each duct	system that must demonstrate compli	iance in the dwelling		
This certificate is required for compliance for completely or completely new or replacement duct systems in exist eplacement duct system can also include existing parts blenums, etc.) if those parts are accessible and they can	ing dwellings. For existing dwellings of the original duct system (e.g., reg	s, a completely new	or	
Ouct Leakage Diagnostic Test – completely new or re	eplacement duct system			
Enter a value for the Allowed Leakage (CFM) for the du	act system leakage verification. The			
Verified Low Leakage Ducts in Conditioned Space crite Verified Low Leakage Ducts in Conditioned Space (Verified Low Leakage Ducts in Conditioned Space Criterian Conditioned Space (Verified Low Leakage Ducts in Co				
or verified low leakage ducts in conditioned space is sheakage to outside test method must be used to verify duntered for Allowed Leakage.	own in the special features section of	f the CF-1R, the	Allowed Leakage (CFM)	
Allowed leakage calculation – (select one calculation m .06) for calculations if tested at "final" or 4% (leakage .ow Leakage Air Handler (LLAH) credit, the allowed d han 6%, in which case the user-specified leakage rate m he user-specified leakage (specified as a percentage of the eakage factor of 0.03 in the calculations below.	factor = 0.04) if tested at "rough." V luct leakage may be specified by the coust be used in the calculations below	When utilizing CF-1R to be less V. For example, if		
☐ Cooling system method:  Nominal capacity of condenser in Tons  ☐ Heating system method:				
21.7 x Output Capacity in Thous	ands of Btu/hr x leakage factor = $\underline{}$	(CFM)		
☐ Measured airflow method (RA3.3):				
Enter measured fan flow in CFM here	x leakage factor =	(CFM)		
Enter value for <b>Actual</b> leakage (CFM) in the right columnessurization test procedure from Reference Residentia		ble duct leakage	Actual Leakage (CFM)	
	List Actual Leakage from duct le	eakage test (CFM)		
Pass if Actual Leakage is less than Allowed Leakage		□ P	Pass □ Fai	
For complete replacement of duct systems only, if the 6 est should be performed to verify that the excess leakag air handler cabinet), and not from other <i>accessible</i> portenstallation (No sampling allowed).	ge is coming only from a pre-existing ions of the duct system. A HERS rat	furnace cabinet er must verify the		
	ndler) are sealed using smoke	□ <b>P</b>		

INSTALLATION CERTIFICATE		CF-6R-MECH-20-HERS				
Duct Leakage Test - Completely New or Replacement Duct System			(Page 2 of 2)			
Site Address:	Eı	nforcement Agency:	Permit Number:			
Compliance Method						
This dwelling was: (select one of the following two choices):  Tested at Final						
Tested at Rough-in (requires installer to complete the <i>visual inspection at final construction stage</i> described below)						
Visual Inspection at Final Construction Stage (if applicable)						
After installing the interior finishing wall and verifying that the above rough-in tests was completed, the following procedure must be performed:						
	☐ For all supply and return registers, verify that the spaces between the register boot and the interior finishing wall are					
properly sealed.						
☐ If the house rough-in duct leakage	test was conducted wi	thout an air handler install	led, inspect the connection points			
between the air handler and the sup	between the air handler and the supply and return plenums to verify that the connection points are properly sealed.					
☐ Inspect all joints to ensure that no		•	1 1 2			
	E. I. (CEI)		.1 1/4 1 001 : 1			
☐ Outside air (OA) ducts for Central leakage testing. CFI OA ducts that util						
meet ASHRAE Standard 62.2, and close when OA ventilation is not required, may be configured to the closed position						
during duct leakage testing.	.1 11.1					
All supply and return register boots must be sealed to the drywall						
	□ New duct installations cannot utilize building cavities as plenums or platform returns in lieu of ducts.					
☐ Mastic and draw bands must be used in combination with Cloth backed, rubber adhesive duct tape to seal leaks at duct connections.						
DECLARATION STATEMENT						
• I certify under penalty of perjury, under the laws of the State of California, the information provided on this form is true and correct.						
• 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).						
	• 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.						
<ul> <li>I understand that a HERS rater will check the installation to verify compliance, and that that if such checking identifies defects, I am</li> </ul>						
required to take corrective action at my	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.						
• I reviewed a copy of the Certificate of Compliance (CF-1R) form approved by the enforcement agency that identifies the specific requirements for the installation. I certify that the requirements detailed on the CF-1R that apply to the installation have been met.						
• I will ensure that a completed, signed copy of this Installation Certificate 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 Installation Certificate is required to be included with the documentation the builder provides to the						
building owner at occupancy. I will ensure that all Installation Certificates will come from a HERS provider data registry for						
multiple orientation alternatives, and b			buildings.			
Company Name: (Installing Subcontractor or General Contractor or Builder/Owner)						
Responsible Person's Name:		Responsible Person's Sign	nature:			
CSLB License:	Date Signed:	Position With Company (	Title):			
COLD LICENSO.	Date Signed.	1 control with Company (	().			
Is this installation monitored by a Third Pa		Name of TPQCP (if appli	icable):			
Program (TPQCP)?						

\_ Registration Date/Time: \_\_\_\_\_\_ HERS Provider: \_\_