Duct Leakage Test – Completely New or Replacements  Site Address:  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	ent Duct System  Inforcement Agency:	Permit Number:	age 1 of 2
Enter the Duct System Name or Identification/Tag:  Enter the Duct System Location or Area Served:	nforcement Agency:	Permit Number:	
Enter the Duct System Location or Area Served:			
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Note: Submit one Installation Certificate for each duct system.			
	em that must demonstrate compli	ance in the dwelling	•
This certificate is required for compliance for completely ne for completely new or replacement duct systems in existing a replacement duct system can also include existing parts of the plenums, etc.) if those parts are accessible and they can be seen as the second control of the plenums.	dwellings. For existing dwellings he original duct system (e.g., regi	s, a completely new o	or
Duct Leakage Diagnostic Test – completely new or repla			
Enter a value for the Allowed Leakage (CFM) for the duct s Verified Low Leakage Ducts in Conditioned Space criteria			
Verified Low Leakage Ducts in Conditioned Space (VLI for verified low leakage ducts in conditioned space is shown leakage to outside test method must be used to verify duct leakage for Allowed Leakage.	DCS) Compliance Credit. If continue in the special features section of	ompliance credit the CF-1R, the	Allowed Leakage (CFM)
Allowed leakage calculation – (select one calculation method 0.06) for calculations if tested at "final" or 4% ( <i>leakage fact</i> Low Leakage Air Handler (LLAH) credit, the allowed duct than 6%, in which case the user-specified leakage rate must the user-specified leakage (specified as a percentage of fan a leakage factor of 0.03 in the calculations below.	or = 0.04) if tested at "rough." V leakage may be specified by the 0 be used in the calculations below	When utilizing CF-1R to be less For example, if	
☐ Cooling system method:  Nominal capacity of condenser in Tons x	400 x leakage factor =	(CFM)	i
☐ Heating system method: 21.7 xOutput Capacity in Thousands	s of Btu/hr x leakage factor =	(CFM)	l
☐ Measured airflow method (RA3.3):			ı
Enter measured fan flow in CFM here	_ x leakage factor =	(CFM)	ı
Enter value for <b>Actual</b> leakage (CFM) in the right column, to pressurization test procedure from Reference Residential Appressurization test procedure from Reference Residential Appreciate Residential Re		ole duct leakage	Actual Leakage (CFM)
	List <b>Actual</b> Leakage from duct lo	eakage test (CFM)	
Pass if Actual Leakage is less than Allowed Leakage			ass □ Fai
For complete replacement of duct systems only, if the 6 per	cent leakage rate criteria cannot h		ass   Fai
test should be performed to verify that the excess leakage is (air handler cabinet), and not from other <i>accessible</i> portions installation (No sampling allowed).	coming only from a pre-existing of the duct system. A HERS rat	furnace cabinet er must verify the	ı
Pass if all accessible leaks (except for existing air handle		□ <b>P</b>	ass 🗆 Fai

INSTALLATION CERTIFICATE		CF-6R-MECH-20-HERS			
Duct Leakage Test – Completely New or Replacement Duct System		(Page 2 of 2)			
Site Address:	En	forcement 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 without an air handler installed, inspect the connection points					
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 cloth backed rubber adhesive duct tape is used.					
□ Outside air (OA) ducts for Central Fan Integrated (CFI) ventilation systems, shall not be sealed/taped off during duct leakage testing. CFI OA ducts that utilize controlled motorized dampers, that open only when OA ventilation is required to meet ASHRAE Standard 62.2, and close when OA ventilation is not required, may be configured to the closed position during duct leakage testing.					
☐ 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 us connections.	ed in combination with	Cloth backed, rubber adh	nesive duct tape to seal leaks at duct		
DECLARATION STATEMENT					
<ul> <li>I certify under penalty of perjury, under the laws of the State of California, the information provided on this form is true and correct.</li> <li>I am eligible under Division 3 of the Business and Professions Code to accept responsibility for construction, or an authorized</li> </ul>					
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 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.</li> <li>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.</li> </ul>					
permit(s) issued for the building, and	d made available to the n Certificate is required ensure that all Installation	enforcement agency for all to be included with the do n Certificates will come from			
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):					

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