## 3 59 MORNING DOUG CIR

CERTIFICATE OF FIELD VERIFICATION & DIAGNOSTIC TESTING (Page 1 of 8)

WWW. PRINCES ASSESSED BEEN	ve Cir - Sacrameni	u. CA 95633	Brower Niechanical Inc. / 686451
Prdiect Address	4		Contractor Name / License No.
	They tu	624-0KOY	0012143
Contractor Contact		Telephone	Permit Number
Jamili Guizalives		916-240 <sub>0</sub> 8605	37030
HERS Rater	10//	Telephone	Sample Group Number
	CN (1) / //	August 17, 2000	CC14-1790376Z16
Certifying Signatur	e Will	Date	Certificate Number
1111111	Palicy Duct Tasting		<u> </u>
Street Midress	6345 Rainier Ave		ity/State/Zip:Rocklin / CA / 95677

monresener, Athab Provider and Building Department

This CF 4R has been registered with the CalCERTS® registry in accordance with the Title 24 & Title 20 of the CCR.

## HERS RATER COMPLIANCE STATEMENT

6345 Rainier Ave

Street Address:

the house was 🕮 mated . . . Approved as part or sample testing, but was not tested

As the HERS rater providing diagnostic testing and field verification, I certify that the house identified on this form complies with the diagnostic tested compliance requirements as checked on this form. The HERS rater must check and verify that the new distribution system is fully ducted and correct tape is used before a CF-4R may be released on every <u>tested</u> building. The HERS rater must not release the CF-4R until a properly completed and signed CF-6R has been received for the sample and tested buildings.

The installer has provided a copy of the CF-6R (Installation Certificate).

- New Distribution system is fully ducted (i.e., does not use building cavities as plenums or platform returns in lieu of ducts).
- New systems where cloth backed, rubber adhesive duct tape is installed, mastic and drawbands are used in combination with cloth backed, rubber adhesive duct tape to seal leaks at duct connections.

	NIMUM REQUIREMENTS FOR DUCT LEAKAGE REDUCTION COMPLIANCE CREDIT  N CONSTRUCTION	: Main Syst	em
	Duct Pressurization Test Results (CFM @ 25 Pa)	Measured Values	
1	Enter Tasted Leakage Flow in CFM:	N/A	
2	Fan Flow: Calculated (Nominal Cooling Heating) or Measured Enter Total Fan Flow in CFM:	1497	
3	Pass if Leakage Percentage <= 6% [ 100 x ( Line 1 / Line 2 )]:	N/A	N/A
٩L.	FERATIONS: Duct System and/or HVAC Equipment Change-Out		
4	Enter Tested Leakage Flow in CFM from CF-6R: Pre-Test of Existing Duct System Prior to Duct System Alteration and/or Equipment Change-Out.		
5	Enter Tested Leakage Flow in CFM: Final Test of New Duct System or Altered Duct System for Duct System Alteration and/or Equipment Change-Out.	128	
6	Enter Reduction in Leakage for Altered Duct System [Line 4 - Line 5] - (Only if Applicable)		
7	Enter Tested Leakage Flow in CFM to Outside (Only if Applicable)		
8	Entire New Duct System - Pass if Leakage Percentage <= 6% [ 100 x ( Line 5 / Line 2 )]:		Pass Fail
Eq	ST OR VERIFICATION STANDARDS: For Altered Duct System and/or HV uipment Change-Out, use one of the following four Test or Verification and ards for compliance:	AC	
9	Pass if Leakage Percentage <= 15% [ 100 x ( Line 5 / Line 2 )]:	8.55%	Y∴ Pass Fall
10	Pass if Leakage to Outside Percentage <= 10% [ 100 x ( Line 7 / Line 2 ) :		Pass Fai
11	Pass if Leakage Reduction Percentage >= 60% [ 100 x ( Line 6 / Line 4 )] and Verification by Smoke Test and Visual Inspection		Pass Fal
12	Pass if Sealing of all Accessible Leaks and Verification by Smoke Test and Visual Inspection		Pass Fai
	Pass if One of Lines #9 through #12 pass		Pass Fai

Permit Number  criteria from the same sured and recalculated.  55 °F) rer's specifications and installer or air dry-bulb is 55 °F or above, installer
55 °F) rer's specifications and installer or air dry-bulb is 55 °F or above, installer
or air dry-bulb is 55 °F or above, installer
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Appendix RD2.6 CFM ne calculated airflow).
eria from the same measurements. If d.

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CERTIFICATE OF FIELD VERIFICATION & DIAGN	OSTIC TESTING (F	Page 3-4 of 8)	CF-4R
55 Morning Dove Cir - Secramento, CA 95833		Brower weditanica (Inc.) /	656451
Project Address hovton 624-98	d <b>y</b>	Contractor Name / License N Sico y 145	lo.
Contractor Contact	Telephone	Permit Number	
Special Conference.	949-749-8605	\$ 435 543	
HERS Rater	Telephone	Sample Group Number	
( Anal /	Angust 17, 2006	<u>ÇURA 1708069-2</u>	
Certifying Signature	Date	Certificate Number	
anna Vincy Deca Tection		iko movidon <u>ileri(중류)(조</u>	
Street Address: 6345 Rainier Ave	Ci	ty/State/Zip:Rocklin / CA	k / 95677
This CF 4R has been registered with the CalCERTS®	registry in accordance	te with the Title 24 & Ti	tie 20 of the CCR.
HERS RATER COMPLIANCE STATEMENT			
The norme was "lested". Approved as part or ban As the HERS rater providing diagnostic testing and field veni diagnostic tested compliance requirements as checked on the The installer has provided a copy of the CF-6R (Installe	fication, I certify that these form.	that tested. e house identified on this for	rm complies with the
THERMOSTATIC EXPANSION VALVE (TXV): ME			
Access is provided for inspection. The procedu installed on the system and installation of the	re sh <mark>all con</mark> sist of specific equipmen	visual verification that tshall be verified.	the TXV is
		VAC System TXV	Y Pass Fail

INSTALLATIO	N CERTIFICATE	,	<u> </u>				CF-6R
Site Address	mornina	ı do	re cir.		Permit Nun	nber 1214(	
nformation provided	icate is required to be polyon this form is required quest) and the building of	J osted at th d) After co	e building site or ompletion of final	made availabl l inspection, a	copy must be p	oriate inspect provided to the	ions. (The ne building
Equip Type (pkg. heat pump)	CEC Certified Mfr. Name and Model Number	# of Identical Systems	Efficiency (AFUE, etc.)¹ (≥CF-1R value)	Duct Location (attic, etc.)	Duct or Piping R-value	Heating Load (Btu/hr)	Heating Capacity (Btu/hr)
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7	6MS9507						
	G 20VA		***************************************				
	O S/NKIY						
Cooling Equipment  Equip Type	CEC Certified Mfr. Name and Model	# of Identical	Efficiency (SEER or EER) <sup>1</sup>	Duct Location	Duct	Cooling Load	Cooling Capacity
(pkg. heat pump)	Number	Systems 1	(≥CF-1R value)	(attic, etc.)	R-value	(Btu/hr)	(Btu/hr)
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100	ARIM / I		I Date K (( )	1 251			

IN	STALLATION CERTIFICATE	(Page 4 of 12)	CF-6R
Sit	e Address	Permit Number	
	ISTALLER COMPLIANCE STATEMENT FOR DU	CT LEAKAGE	
	STALLER COMPLIANCE STATEMENT building was: ✓ □ Tested at Final ✓ □ Tested at Rough-in		
	•		
	Remove at least one supply and one return register, and verify that the spaces between finishing wall are properly sealed.  If the house rough-in duct leakage test was conducted without an air handler installed between the air handler and the supply and return plenums to verify that the connection inspect all joints to ensure that no cloth backed rubber adhesive duct tape is used	inspect the connection p	ooints
	DUCT LEAKAGE REDUCTION		
	cedures for field verification and diagnostic testing of air distribution systems are a	vailable in RACM, Appe	endix RC4.3
NEV	W CONSTRUCTION:  Duct Pressurization Test Results (CFM @ 25 Pa)	Measured Values	
1	Enter Tested Leakage Flow in CFM:		
2	Fan Flow: Calculated (Nominal: < \( \subseteq \) Cooling < \( \subseteq \) Heating) or < \( \subseteq \) Measured  If Fan Flow is Calculated as 400 cfm/ton x number of tons or as 21.7 cfm/(kBtu/hr) is  Capacity in Thousands of Btu/hr, enter total calculated or measured fan flow in CFM		1 1
3	Pass if Leakage Percentage≤ 6% for Final or ≤ 4% at Rough-in:  [100 x [(Line # 1) /(Line # 2)]]		□ Pass □ Fail
AL	FERATIONS: Duct System and/or HVAC Equipment Change-Out		
4	Enter Tested Leakage Flow in CFM from Pre-Test of Existing Duct System Prior to System Alteration and/or Equipment Change-Out.	Duct	
5	Enter Tested Leakage Flow in CFM from Final Test of New Duct System or Altered System for Duct System Alteration and/or Equipment Change-Out	Duct \28	
6	Enter Reduction in Leakage for Altered Duct System  [(Line # 4) Minus(Line # 5)] - (Only if Applicable)		
7	Enter Tested Leakage Flow in CFM to Outside (Only if Applicable)		1 1
8	Entire New Duct System - Pass if Leakage Percentage $\leq$ 6% for Final or $\leq$ 4% at Rol [100 x [(Line # 5) /Line # 2]]	ıgh-in	□ Pass □ Fail
TES	T OR VERIFICATION STANDARDS: For Altered Duct System and/or HVAC Use one of the following four Test or Verification Standards for compliance:	Equipment Change-	1 1
9	Pass if Leakage Percentage ≤ 15% [100 x [ \( \text{Line # 5} \) \( \text{Line # 5} \) \( \text{Line # 2} \)	2)]] 8,6	Pass 🗆 Fail
10	Pass if Leakage to Outside Percentage ≤ 10% [100 x [(Line # 7) /(I		☐ Pass ☐ Fail
11	Pass if Leakage Reduction Percentage ≥ 60% [100 x [(Line # 6) /(I and Verification by Smoke Test and Visual Inspection	Line # 4)]]	□ Pass □ Fail
12	Pass if Sealing of all Accessible Leaks and Verification by Smoke Test and Visual Ir	spection	Dass D Fail
	Pass if One of Lines #9 through	# 12 pass	🖊 Pass 🗆 Fail
con Far	II, the undersigned, verify that the above diagnostic test results were performed in compliance credit. I, the undersigned, also certify that the newly installed or retrofit Air-East comply with Mandatory requirements specified in Section 150 (m) of the 2005 Build	istribution System Duct	s, Plenums and
L	Installing Subcontractor (Co. Name) OR General Contractor (Co. Name) OB Owner		
	Signature: Date: 6-1/46		
Cop	pies to: BUILDING DEPARTMENT, HERS RATER (IF APPLICABLE) BUILDING OW	NER AT OCCUPANCY	·

Residential Compliance Forms

April 2005

	LLAT						v 1	of 12) (	
ite Add	tress					Permit N	Number		
rocedu	THERM( res for fie	OSTATIC ld verifica	EXPANSION tion of thermost	VALVE (TXV) tatic expansion valves	are available in RACM	1, Appen	dix RI.		
			Access is pro	vided for inspection. T	he procedure shall	<b>✓</b>	<b>√</b>	1	
1	□ Yes	□ No	consist of vis	ual verification that the dinstallation of the sp	TXV is installed on		1		
					Yes is a pass	Pass	Fail		
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tands	ard Cha for Determent	rge Me	asurement P	rocedure (outdoor e using the Standard M arged in accordance w	air dry-bulb 55°F Method are available in	and abo	Appena	dix RD2.	g t
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