0608958

CERTIFICATE	OF FIELD VERIFICATION & DIAGNOSTIC	TESTING (Page 7 of B) CB-4K
Project Address		Builder Name
7443 Myrtle	Vista Ave Sacramento CA 95831	
Builder Contact	Telephone	Plan Number
	T. Jamba no	Sample Group Number 1
HERS Rater	Telephone 760-768-3228	Sample Gloup Harrison
Home Enals	asys Date	Sample House Number
Certifying Signature (Electronically signed)	5 72 07/0//06 Dat	1114
Diene		HERS Provider CBPCA
Enalasys C	orp	City/State/Zip:
Street Address:	H- Ave	Calexico CA 92231
250 Campi		
Copies to: BUILDER	HERS PROVIDER AND MILITING DEPARTMENT	
HRDS DATER	COMPLIANCE STATEMENT	
The bence was V	Tested 🗸 🗌 Approved as part of sample testing, but was	not tested
	Leave to the first that the state of the sta	the house identified on this form combiles
As the HBRS rater p	roviding diagnostic testing and tield vertication, t centry insta equirements of the "High Quality Installation of Installation" pr	olocols as specified in the Residential
with all applicable to	equirements of the "High Quality in Maliation of traduction" per Landas checked on this form. Note that to PASS and receive	compliance credit NONE of the BOXES
below may be check	ed "No and the tirs inree coxes also must be chested." Ig (i.e., single story buildings do not have rim joists or there m	ay be no recessed can lights installed, etc.).
design of the building	(i.e., single shory buildings do not have the place	THE ATTONS COMPLIANCE CREDIT
📝 🔲 REQUIREN	MENTS FOR "HIGH QUALITY INSTALLATION OF IN	
er Times	Radidan is many frame construction with wall studies of the	illusa' aug loot assemblies insmisser with
mai m	end file of cellulate ingulation in low-fire readental build in	
	and the instance of the instan	Maller Wishing: Insulation manufacture is
A IT DESC	ription of insulation, (CR-ok, commonly to-1) and for loose-fill e, material identification, installed R-values, and for loose-fill	insulation: minimum weight per square
. 12M	e, material identification, material transfer and minimum inches.	The first section of the first
icor	and terminate money. Illation Certificate, (CR-6R) signed by the installer certifying t	hat the inglatiation meets all
₩ LI Insti	licable requirements as specified in the High Quality Insulatio	Tustallation Procedures
app (*)	M, Appendix RH).	
(A)	Art Arbheitean ar a th	
✓ FLOOR		S
	All floor joist cavity insulation installed to uniformly fit the	cavity side-to-side and end-to-end
Yes No NA		
Yes No NA	Insulation in contact with the subfloor or rim joists insulated	
Yes No NA	and and and and and and	nraccion
Yes No NA	Insulation properly supported to avoid gaps, voids, and com	pi caalon
✓ WALLS		
	Wall stud cavity insulation uniformly fills the cavity side-to	side, top-to-bottom, and front-to-back
Yes No NA	Wall street Cast Canada in serior and a seri	
	No gaps	
Yes No NA	CANCEL AND AND	
	No voids over "" deep or more than 10% of the batt surface	e a rea.
Yes No NA	Hard to access wall stud cavities such as; corner channels,	wall intersections, and behind tub/shower
Yes No NA	enclosures insulated to proper R-Value	***
Yes No NA	Small spaces filled	
Yes No NA	Rim-joists insulated	
	Wall stud cavities caulibed or foamed to provide an air tight	envelope
Yes No NA	Trust Bank of France	

CERTIFICATE OF FIELD VERIFICATION & DIAGNOSTIC T	ESTING (Page 8 of 8) CF-4R
Project Address	Builders Name
7443 Myrtle Vista Sacramento CA 95831	1

√ RC	OF/C	EILIN	PREPARATION
Yes	No	NΑ	All draft stops in place to form a continuous ceiling and wall air barrier
			All drops covered with hard covers
Yes	No	NA	VII Globacovasa mini lisi dieoxera
			All draft stops and hard covers caulked or foomed to provide an air tight envelope
Yes	No	NA	All marriabha tiir iid a chatan sanna at an
			All recessed light fixtures IC and air tight (AT) rated and sealed with a gasket or cauld between the
Yes	No	NA_	housing and the ceiling
D			Floor cavities on multiple-story buildings have air tight draft stops to all adjoining attics
Yes	Nο	NA	LICOUGAING OIL RITITALE S DATE OF THE PROPERTY
			Bave vents prepared for blown insulation - maintain net free-ventilation area
Yes	Nο	NA	Base serie historica not piposti ultranspar
			Kinee walls insulated or prepared for blown insulation
Yes	No	NA	
			Area under equipment platforms and cat-walls insulated or accessible for blown insulation
Yes	Nο	NA	Wiss mines of mbinetit his retiring and consumers and an analysis and an analy
			Artic rulers installed
Yes	Nο	NA	Y JIC UNISTRICT
V R			GRATIS
Yes	Nο	NA.	No gape
			A. 1001 of the host murfano a to a
Yes	No	NΑ	No voids over % in, deep or more than 10% of the batt surface area
	Ö		
Yes	No	NA	Insulation in contact with the air-barrier
			24.0 (3.2.88)
Yes	No	NA	Recessed light fixtures covered
			N. & B. C. & BASE CO
Yea	No	NA.	Net free-ventilation area maintained at eave vents
V 04)() F/r	KIT IN	G LOOSE-FILL
Yes	No	NA	Insulation uniformly covers the entire ceiling (or roof) area from the outside of all exterior walls
168			and the state of t
Yes	No	NA	Baffler installed at eaver yents or soffit vents - maintain net free-ventilation area of eave vent
T EST	I II	NA.	
Yes	No	NA.	Attic access insulated
	OM D	I IIA	
□ Yes	No.	NA.	Recessed light fixtures covered
		I IIA	Insulation at proper depth - insulation rulers visible and indicating proper depth and R-value
Yes	□ No	NA.	Thanktion at blobet debit - insulation their Aribie and indicating blobet debin and visual
1.63	179	1 120	I now fill mineral fiber insulation meets presceeds manufacturer's minimum weight and thickness
			requirement for the larget R-value. Target R-value Manuacturer a
Yes	No.	NA	minimum premired assists for the target R-value(pounds-per-square
1 162	l MO	103.6%	(pounds per square foot).
	,	 	Logo form and a minimum remained thickness at time of installation (inches)
1		1	Manufacturer's minimum required settled thickness (inches). Number of days since
	1	1	(days) At the time of installation, the insulation
1			The HERS
			teter thee not notify the insulation at the time of Installation, and it the locas-ith insulation has been to
Yes	Nδ	NA	place less than seven days the thickness shall be greater than the manufacturer's minimum required
		1	thickness at the time of installation less 1/2 inch to account for settling. If the insulation has been in
		1	place for seven days or longer the insulation thickness shall be greater than or equal to the
		1	manufacturer's minimum required settled thickness. Minimum thickness measured (inches).
<u> </u>	J	<u> </u>	INSURBOTHER & KIMMURIC LEGITLE OF PROPERTY PROPERTY PROPERTY AND ADDRESS OF THE PROPERTY OF TH

INSTALLATION CERTIFICATE	(Page 3 of 12) CF-6R
	Permit Number
Site Address 7443 Myrtle Vista Ave Sacramento CA 95831	1
7445 IVIYIUS VISIA 7176 GUGIGITISTIS ST. 1885	

An installation certificate is required to be posted at the building site or made available for all appropriate inspections. (The information provided on this form is required) After completion of final inspection, a copy must be provided to the building department (upon request) and the building owner at occupancy, per Section 10-103(a).

HVAC SYSTEMS:

Heating Equipment

Equip Type (pkg. heat pump)	CBC 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)

Cooling Equipment

Equip Type (pkg. heat pump)	CEC Certified Mfr. Name and Model Number	# of Identical Systems	Efficiency (SEER or EER) ¹ (≳CF-1R value)	Duct Location (attic, etc.)	Duct R-value	Cooling Load (Bto/hr)	Cooling Capacity (Btu/hr)
Package AC + Gas	1	1	15.0	Crawlspace	4	35400	36000

1	> symbol reads greater than or equal to what is indicated on the CF-IR value.
ı.	Symbol tongs of character of ch
	Include both SEER and EER if compliance credit for high EER air conditioner is claimed.
	HIGHIG DOM SEEK and Fracti combination and an analysis and analysis and an analysis analysis analysis and an analysis analysis and an analysis analysis and an

✓ □ I I, the undersigned, verify that equipment listed above is: 1) is the actual equipment installed, 2) equivalent to or
or it is also marked in the certificate of compliance (FORM CF-1K) Submitted to: compliance with the
The standards for residential huildings and 31 collibrical that theels of oaboots the
Energy Efficiency Standards for resolutions of Part 6), where applicable.

Installing Subcontractor (Co. Name) OR General	
Contractor (Co. Name) OR Owner	Bell Bros
Signature: Chalm brast	Date: 07/07/06

Copies to: BUILDING DEPARTMENT, HERS RATER (IF APPLICABLE) BUILDING OWNER AT OCCUPANCY

INSTALLATION CERTIFI	CATE	(Page	e 4 of 12)	<u>CF-6R</u>	
Site Address		Permit Numb	er		
7443 Myrtle Vista Ave Sacrame		TOD DICE I E A	TZ A CITE		
INSTALLER COMPL	JANCE STATEMENT	FOR DUCT LEA	KAGE		_
INSTALLER COMPLIANCE ST. The building was: ✓ 🂢 fested at Fir					
INSTALLER VISUAL INSPECTION X Remove at least one supply and of finishing wall are properly sealed. ☐ If the house rough-in duct leakage between the air handler and the some supply and the some supply are that not x New Distribution system is fully as the some supply and the some supply are the some supply and the some supply are the some supply are the some supply are the some supply are the supply and the some supply are the supply	ON AT FINAL CONSTRUCTION Some return register, and verify that the	spaces between the register andler installed, inspect the at the connection points are ne is used	connection popularies	oints ed.	
ducts).	TON.			·	_
✓ □ DUCT LEAKAGE REDUC Procedures for field verification an	TION d diagnostic testing of air distribution	n systems are available in F	ACM, Appe	ndix RC4.:	3
NEW CONSTRUCTION:				0.00	
Duct Pressurization Test Result	ts (CFM @ 25 Pa)		Measured Values		
1 Enter Tested Leakage Flow in C	CFM:				
2 If Fan Flow is Calculated as 40	l: ✓ IX Cooling ✓ □ Heating) or ✓ □ 0 cfm/ton x number of tons or as 21.7 at output, enter total calculated or mea	cfm/(kBtu/hr) x Heating	1200	1	1
Pass if Leakage Percentage≤ 69	% for Final or ≤ 4% at Rough-in: (Lîne # 2)]]			□ Pass □	⊐ Fail
	d/or HVAC Equipment Change-Ou	<u> </u>	<u> </u>		127
4 System Alteration and/or Equip					
5 System for Duct System Altera	CFM from Final Test of New Duct Sy tion and/or Equipment Change-Out.	stem or Altered Duct	57		Pol
6 Enter Reduction in Leakage for (Line #4) Minus	r Altered Duct System (Line #5)] - (Only if Application	able)			
	CFM to Outside (Only if Applicable)			-	
Entire New Duct System - Pass [100 x [(Line # 5) /	e if Leakage Percentage ≤ 6% for Fina Line #2)]]	1		□ Pass □] Fail
TEST OR VERIFICATION STAN	DARDS: For Altered Duct System	and/or HVAC Equipment	Change-	1	1
Out Use one of the following four?	Test or Verification Standards for c	omphance:	4.8	Pass	П Ра
3	5% [100 x [57_(Line # 5) /		4.0	□ Pass	
16/ 1	centage ≤ 10% [100 x [(Line			 	
Pass if Leakage Reduction Perc	centage ≥ 60% [100 x [(Line	5# 6) / (Line # 4)]]		☐ Pass	☐ Fai
II I and Manification by Smake 186	r one Mensi insissiono		EXPENSES AND ADMINISTRAÇÃO POR CASA DE CONTRACTOR DE CONTR	☐ Pass	II For
	e Leaks and Verification by Smoke T	est and Visual Inspection ines # 9 through # 12 pass		☐ Pass ☐ Pass	

Installing Subcontractor (Co. Name) OR General			
Contractor (Co. Name) OR Owner		Bell Bros	
Signature Chalyndre 8tm	Date:	07/07/06	- MANAGEM

('opies to: BUILDING DEPARTMENT, HERS RATER (IF APPLICABLE) BUILDING OWNER AT OCCUPANCY

	CERTIFICATE			Page 5 of 12)
lite Address 7443 Myrtle Vista Ave	e Sacramento CA 958	31	Permit 1	Number
445 Wyrtie Vista Ave	e dacramento ex soci		<u> </u>	
THERMOSTAT	TIC EXPANSION VAI	VE (TXV)		
		expansion valves are available in RA	CM, Appen	dix RI.
				
	Access is provided	I for inspection. The procedure shall erification that the TXV is installed of	m .	
✓ MYes DN		tallation of the specific equipment		🗖
	shall be verified.			
		Yes is a pa	ss Pass	Fail
/ IT DEEDLOEDANS	CHARGE MEASUR			· · · · · · · · · · · · · · · · · · ·
		l Adequate Airflow for Split System	Space Cool	ling Systems with
hermostatic Expansion		* ***	*	
Outdoor Unit Serial #				
Location				
Outdoor Unit Make				
Outdoor Unit Model				
Cooling Capacity		Btu/hr		
Date of Verification				
	*	2		
Date of Refrigerant Ga	auge Calibration	(must be checked r	nonthly)	
Date of Thermocouple tandard Charge Is address for Determining	Calibration Measurement Proce	edure (outdoor air dry-bulb 55 ag the Standard Method are available	nonthly) Fandabe in RACM	Appendix RD2.
Date of Thermocouple tandard Charge Is address for Determining	Calibration Measurement Proce	(must be checked redure (outdoor air dry-bulb 55	nonthly) Fandabe in RACM	Appendix RD2.
Date of Thermocouple tandard Charge I edures for Determining ote: The system should	Calibration Measurement Proce	edure (outdoor air dry-bulb 55 ag the Standard Method are available	nonthly) Fandabe in RACM	Appendix RD2.
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Date of Thermocouple tandard Charge I edures for Determining ote: The system should rocedure. sured Temperatures Supply (evaporator lea	Measurement Proce Refrigerant Charge using the installed and charged	edure (outdoor air dry-bulb 55 ng the Standard Method are available in accordance with the manufacture erature (Tsupply, db)	nonthly) Fandabe in RACM	, Appendix RD2. ations before star
Date of Thermocouple tandard Charge I edures for Determining ote: The system should rocedure. sured Temperatures Supply (evaporator lea Return (evaporator en	Calibration Vieasurement Proce Refrigerant Charge using the installed and charged aving) air dry-bulb temperature.	(must be checked redure (outdoor air dry-bulb 55 ng the Standard Method are available in accordance with the manufacture erature (Tsupply, db)	nonthly) Fandabe in RACM	Appendix RD2. ations before star F F F F
Date of Thermocouple tandard Charge I edures for Determining ote: The system should rocedure. sured Temperatures Supply (evaporator lea Return (evaporator ent	Measurement Proce Refrigerant Charge usin be installed and charged aving) air dry-bulb temper	edure (outdoor air dry-bulb 55 ng the Standard Method are available in accordance with the manufacture erature (Tsupply, db) perature (Treturn, db)	nonthly) Fandabe in RACM	Appendix RD2. ations before star
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tandard Charge Is address for Determining ote: The system should recedure. Sured Temperatures Supply (evaporator less Return (evaporator entermining Evaporator entermining Evaporator entermining Evaporator saturation Suction line temperature Condenser (entering) and Evaporator entermining Evaporator saturation Suction line temperature Condenser (entering) and Evaporator	Measurement Procest Refrigerant Charge using be installed and charged aving) air dry-bulb tempetering) air dry-bulb tempetering) air wet-bulb tempetering) air wet-bulb tempetemperature (Tevaporator of Calculations for Refriguent Calculations for Refriguent Calculations for Refriguent Calculations for Refriguent Calculations for Adenotes not necessary if Adenotes not necessary if Adenotic Teturn, db Tsupposite Calculations for Adenotes not necessary if Adenotic Teturn, db Tsupposite Calculations for Adenotes not necessary if Adenotic Teturn, db Tsupposite Calculations for Adenotes Teturn for Adenotes	edure (outdoor air dry-bulb 55 ing the Standard Method are available it in accordance with the manufacture erature (Tsupply, db) erature (Treturn, db) erature (Treturn, wb) or, sat) (Tcondenser, db) gerant Charge or, sat passes if between -5 and +5°F) equate Airflow equate Airflow credit is taken	nonthly) Fandabe in RACM	of Appendix RD2. Appendix RD2. Appendix RD2. Appendix RD2. Appendix RD2. For property of the