



# Institute of Heating & Air Conditioning Industries, Inc.

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### **Executive Vice President**

Susan Evans

February 23, 2012

Dockets Office, MS-4

Re: Docket No. 10-BSTD-01

1516 Ninth Street

Sacramento, CA 95814-5512

Re: Proposed 2013 Title 24 Airflow Measurement Standards  
Section RA 3.3.3.2.1.1

The California heating and air conditioning industry is alarmed to learn of a proposal to 2013 Title 24 Standards that would require a major change to how airflow is measured. The proposed change writes proven air balancing hoods out of the standards and specifies, "fan powered flow capture hoods" as the approved standard.

The heating and air conditioning industry is voicing profound OPPOSITION to the proposed standard as evidenced by the attached petition. More than 550 HVAC professionals have signed the petition, many of whom represent leading trade organizations and business owners. We ask that the California Energy Commission review the attached petition and comments. The responses clearly communicate why this proposed change will create a chaotic situation detrimental to energy conservation efforts, the HVAC industry, and California residents.

Respectfully,

Susie Evans

Executive Vice President

Institute of Heating and Air Conditioning Industries, Inc.

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# DOCKET

## 10-BSTD-01

DATE FEB 23 2012

RECD. FEB 24 2012

## Revisit Title 24 Airflow Measurement Methodology

Published by acampalliance on Jan 28, 2012

**DOCKET**

**10-BSTD-01**

DATE JAN 28 2012

RECD. FEB 24 2012

### Background (Preamble):

Our trade needs YOUR immediate help.

In the soon to be finalized version of the California Energy Commissions Title 24-2013, it would require a major change if how airflow must be measured. The typical "passive" flowhood would no longer be allowed. This is being done to increase accuracy in flow measurement from +/- 10% using a flowhood as we do today, to +/- 7% using one of the new methods. Not much of a difference, right?

Instead, they suggest one of the following methods...

- 1 - Plenum Pressure Matching Measurement
- 2 - Flow Grid Measurement
- 3 - Powered Flow Capture Hood Measurement

We do not recommend these methods for the following reasons.

Method 1 - The Plenum Pressure Matching is too inaccurate, especially when ECM blower motors are used.

Method 2 - A significant financial investment by contractors must be made to purchase the flow grid kit and there is concern about the inaccuracies when ECM motors are used.

Method 3 - Another method where significant financial investment on equipment must be made (much more than a typical flowhood). This method is limited to only measuring 300cfm, hoods are required to fit any and all sizes of return grilles completely, requiring more investment in a multitude of hoods.

Another general concern is that all three approved methods must have equipment purchased from only one manufacturer, giving them a monopoly and further increasing costs.

We have only until February 23rd to turn in our petitions asking the CEC to reconsider this change and really need your help NOW! Even if you are out of state, by signing this petition, you just may stop this new practice from going east to your locale.

Will you sign our petition?

### Petition Text:

Sign our petition to ask the California Energy Commission (CEC) to look seriously into the financial and accuracy issues of using these approved methods for airflow.

Join our many supporters such as Alnor, Testo, Fieldpiece, Dwyer, TSI, RSES, NCI, IHACI, and many companies and individuals!

Thanks,  
ACAMP - Alliance of California Measurement Practitioners

Total signatures 530 (Signature comments can be viewed in the Appendix of this document)

#	FirstName	Surname	Email	Address	Town/City	S/C/P	Region	Zip/PC	Custom Field 1	Custom Field 2	Comme	Date
530	Ezequiel	Acosta	heating1cooling1@aol.com	N/G	Charlotte	NC	N/C	28217	Acosta Heating & Cooling	Acosta Heating & Cooling	N/G	Feb 18, 2012
529	Lukas	Ahlstrom	lukasahl1@aol.com	3606 Mound View Ave.	Studio City	California	N/C	91604	Circulating Air, Inc.	Company	N/G	Feb 22, 2012
528	Bob	Ahring	b.ahring@metroenv.com	N/G	Lewisville	TX	N/C	75057	Metro Environmental Services	Company	N/G	Feb 23, 2012
527	Joseph	Aisenson	jadeltam@gmail.com	23923 Ventura Blvd	Calabasas	CA	N/C	91302	Delta Air Conditioning Company Inc. dba Delta Mechanical	Company and self	N/G	Feb 22, 2012
526	Ray	Alba	rayalba@rayalba.com	883 Iving Dr.	Thousand Oaks	California	N/C	91360	Southland Heating and Air	self	N/G	Feb 22, 2012
525	David	Allen	allendavid6@gmail.com	N/G	Tuscumbia	Al	N/C	35674	Allens air conditioning, Inc	Company	N/G	Feb 18, 2012
524	William	Allen	jallen@meflow.com	6426 Richmond Hwy.	Alexandria	Va.	N/C	22306	M.E. Flow Inc.	self	N/G	Feb 20, 2012
523	Joe	Alvarez	aquawestair20@verizon.net	6529 Rose Ave.	Long Beach	Ca	N/C	90805	Aqua West AC Heating	Company	<a href="#">View</a>	Feb 17, 2012
522	Steve	Amerino	steveo1245@yahoo.com	N/G	Dublin	CA	N/C	94568	Heating and Coling Supply	Company	N/G	Feb 22, 2012
521	craig	andersen	autumnair07@yahoo.com	N/G	orange	ca	N/C	92867	autumn air	company	N/G	Feb 21, 2012
520	Forrest	Anderson	fanderson11@gmail.com	9074 Cloy Road	Dayton	OH	N/C	45458	Anderson Mechanical Associates, LLC	Company	<a href="#">View</a>	Feb 19, 2012
519	arturo	andrade	aatops@hotmail.com	261 s. arrowhead ave.	san bernardino	california	N/C	82408	A & A Tops	company	N/G	Feb 18, 2012
518	Gerald	Andrews	andrewstulare@aol.com	N/G	Tulare	Calif	N/C	93274	Andrews Engineering	self	N/G	Feb 22, 2012
517	Arthur	Annas	aannas@airenalasys.com	495 Daventry Sq	Palm Harbor	Florida	N/C	34683	airEnalasy	company and self	<a href="#">View</a>	Feb 22, 2012
516	marvin	arthur	marvinarthur@gmail.com	N/G	perris	riverside	N/C	92571	jios a/c & heating	company	N/G	Feb 21, 2012

#	FirstName	Surname	Email	Address	Town/City	S/C/P	Region	Zip/PC	Custom Field 1	Custom Field 2	Comm	Date
5 1 5	Cathy	Ashley	info@fireandicehv.com	12318 Parkside Street	Lakeside	CA	N/C	92040	Fire & Ice Heating and Air Conditioning, Inc	company	N/G	Feb 21, 2012
5 1 4	Donald	Auger	donauger@verizon.net	748 Whipple Rd.	Tewksbury	MA	N/C	01876	Preferred Air Balance	Company	N/G	Feb 17, 2012
5 1 3	SAM	BAILEY	hirehvac@hotmail.com	38034 chester rd	norwood	nc	N/C	28128	ss services	company	N/G	Feb 19, 2012
5 1 2	Don	Bailey	dbailey@airexpertsva.com	N/G	Mechanicville	VA	N/C	23116	Air Experts, LLC	company	N/G	Feb 22, 2012
5 1 1	thomas	baker	baker.tommy417@gmail.com	N/G	columbia	md	N/C	21046	rowan hvac	self	<a href="#">View</a>	Feb 17, 2012
5 1 0	Joseph	Balog	joeb@ncihvac.com	N/G	Sheffield Lake	ohio	N/C	44054	National Comfort Institute	Self	N/G	Feb 20, 2012
5 0 9	Jim	Bandy	eacservice@yahoo.com	N/G	Canoga Park	CA	N/C	91304	EAC Service	both	N/G	Feb 22, 2012
5 0 8	David	Barberio	dave@westcoservice.com	8621 Kewen Ave.	Sun Valley	CA	N/C	91352	Westco Service Company	Company	N/G	Feb 22, 2012
5 0 7	randy	bardwell	sandtastic@yahoo.com	N/G	valley center	ca	N/C	92082	self	self	N/G	Feb 20, 2012
5 0 6	Stanley	Barge	stanshvac@junono.com	1705 Hollinshed Ave	Pennsauken	New Jersey	N/C	08110	Stan's HVAC Services, LLC	Company	<a href="#">View</a>	Feb 17, 2012
5 0 5	perry	barlow	cchangers@aol.com	N/G	agua dulce	ca.	N/C	91390	company	company	N/G	Feb 22, 2012
5 0 4	Doug	Barnard	doug.barnard@fresnocitycollege.edu	N/G	Fresno	CA	N/C	93741	Fresno City College	self	N/G	Feb 21, 2012
5 0 3	Carey	Barnett	c.barnett@jmarinheat.com	395 W. Esplanade	San Jacinto	ca	N/C	92583	J & M Air Conditioning	Company	N/G	Feb 23, 2012
5 0 2	Michael	Barrett	michaelb913@aol.com	N/G	Alton	Il	N/C	62002	Barrett Heating and Cooling	self	N/G	Feb 22, 2012
5 0 1	James	barry	jmbarry@doctorcool.com	N/G	league city	texas galveston county	N/C	77573	Doctor Cool & Professor Heat	Company and self	N/G	Feb 18, 2012
5 0 0	Henry	Bartram	ebartram@diversifiedhtg.com	20789 Parker St	Farmington Hills	MI	N/C	48336	Diversified Htg & Clg, Inc.	Company	N/G	Feb 20, 2012

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4 9 9	Danny	Bauder	dannybauder1@verizon.net	3616 Honeyglen way	Ontario	California	N/C	91761	Baud-Air Energy Efficiency Services	Company	<a href="#">View</a>	Feb 18, 2012
4 9 8	Milton	Baum	mbaum@keilhateac.com	259 Hamburg Turnpike	Riverdale	NJ	N/C	07457	KEIL Heating and Air Conditioning	Self	N/G	Feb 22, 2012
4 9 7	Scott	Beauchene	sbeauchene@coxinet.net	N/G	Oklahoma City	Oklahoma	N/C	73114	Southwest Test & Balance	Company	N/G	Feb 17, 2012
4 9 6	Wayne	Beck	waynebeck@aladdinac.com	1090 Lawrence Dr. Ste. # 105	Newbury Park	CA	N/C	91320	Aladdin Air Conditioning	Company	N/G	Feb 21, 2012
4 9 5	Bruce	Beckwith	bruce@beckwithheatcool.com	N/G	Akron	Ohio	N/C	44310	Beckwith Heating & Cooling, Inc.	company	N/G	Feb 20, 2012
4 9 4	James	Bergmann	jimbergmann3@gmail.com	66 Swartz	Akron	Ohio	N/C	44319	TruTech Tools	Organization	<a href="#">View</a>	Feb 18, 2012
4 9 3	Frank	Berry	fberry25@verizon.net	697 Metro Park Suite 1	Lewisville	Texas	N/C	75057	Berry's Quality Services	self	N/G	Feb 20, 2012
4 9 2	James	Berry	jberry@kahnair.com	N/G	Northridge	CA	N/C	91324	Kahn Air Conditioning, Inc.	Self	N/G	Feb 22, 2012
4 9 1	Mandy	Bertik	mbertik@circulatingair.com	7337 Varna Avenue	North Hollywood	CA	N/C	91605	Circul	Circul	N/G	Feb 22, 2012
4 9 0	Kathleen	Betlem	kathyb@johnbetlem.com	898 South Clinton Ave	Rochester	New York	N/C	14620	John Betlem Heating & Cooling, Inc	Company	N/G	Feb 22, 2012
4 8 9	Bobby	Bevill, Jr.	bgbevill@aol.com	N/G	Woodruff	SC	N/C	29388	Davis Services, Inc.	Davis Services, Inc.	N/G	Feb 17, 2012
4 8 8	Paul	Boaz	mail@boazair.com	18987 Hwy. 82 W	Sherman	Texas	N/C	75092	Paul Boaz Air LLC	Myself and my company	N/G	Feb 22, 2012
4 8 7	Karina	Bobadilla	kbobadilla@circulatingair.com	N/G	North Hollywood	California	N/C	91605	Circulating Air, Inc.	Company	N/G	Feb 22, 2012
4 8 6	Kevin	Bock	kevin@airwestac.com	N/G	Rancho Cucamonga	Ca	N/C	91701	AirQwestac.com	Company	N/G	Feb 21, 2012
4 8 5	Raymond	Bolvin	pmsvac@cox.net	49 Cedar Swamp Rd #14	Smithfield	RI	N/C	02917	Providence Mechanical Services Llc	Company	N/G	Feb 17, 2012
4 8 4	Richard	Booth	rdbconst@yahoo.com	1709 Skyhawk Rd	Escondido	Ca	N/C	92029	Booth Construction	Company	<a href="#">View</a>	Feb 22, 2012

#	FirstName	Surname	Email	Address	Town/City	S/C/P	Region	Zip/PC	Custom Field 1	Custom Field 2	Comm	Date
483	Jason	Bouvier	airflowconcept s@comcast.net	35 Stonehenge Rd #5	Londonderry	NH	N/C	03053	Air Flow Concepts LLC	company & self	N/G	Feb 17, 2012
482	Carrison	Boykin	cw@boykinacs.com	845 S. Guignard Dr.	Sumter	South Carolina	N/C	29150	Boykin Air Conditioning Services	Boykin Air Conditioning Services	N/G	Feb 20, 2012
481	Thomas	Boylan	tjboylan@lakesideservice.com	N/G	Brighton	Michigan	N/C	48114	Lakeside Service Company	self	N/G	Feb 18, 2012
480	John	Boylan	boylan1976@gmail.com	N/G	Brighton	MI	N/C	48114	Lakeside Service Co Inc	Company	<a href="#">View</a>	Feb 20, 2012
479	Jason	Boylan	boylanover@gmail.com	N/G	Pinckney	MI	N/C	48169	Lakeside Service Company, Inc.	Myself	N/G	Feb 21, 2012
478	Stephen	Boynton	sboynton@hotmail.com	sboynton@hotmail.com	Copperas Cove	TX	N/C	76522	In Balance	In Balance	<a href="#">View</a>	Feb 23, 2012
477	Thomas	Branch	comfyhouse@verizon.net	201 Center Ave.	Pittsburgh	PA	N/C	15202	Comfy House	Company and Self	<a href="#">View</a>	Feb 19, 2012
476	Justin	Bright	bright1135@gmail.com	2819 Ladoga Ave.	Long Beach	CA	N/C	90815	Gorsuch plumbing heating and air conditioning	Self	<a href="#">View</a>	Jan 31, 2012
475	john	briscoe	briscoehvac@gmail.com	6601 NA Daggett rd.	Kansas City	Mo	N/C	64151	Briscoe Air and Heating.	Company	<a href="#">View</a>	Feb 19, 2012
474	Charles	Brittain	mtaire@verizon.net	12863 San Fernando Rde	Sylmar	Ca	N/C	91342	Mount-Aire Heating & Air Cond.	company	N/G	Feb 22, 2012
473	Andrew	Brlétrick	ajbrletrick@verizon.net	N/G	Northern Cambria	Pa	N/C	15714	Kupetz Plb & Htg	compaany	<a href="#">View</a>	Feb 18, 2012
472	William	Brown	bill@brownson.edu	1110 Technology Circle	Anaheim	California	N/C	92805	Brownson Technical School	organization	<a href="#">View</a>	Feb 04, 2012
471	Christine	Brown	cbrown@delair.com	531 Codisco Way	Sanford	FL	N/C	32771	Del-Air Heating & Air Conditioning	Self	N/G	Feb 17, 2012
470	Valerie	Brown	brownv76@hotmail.com	N/G	Los Angeles	CA	N/C	90061	ABM Engineering Services	self	N/G	Feb 21, 2012
469	greg	bruyere	gregb@tristate-stl.com	N/G	st. louis	mo.	N/C	63114	tristate mechanical services	company	N/G	Feb 18, 2012
468	Roger	Buckner	roger@bucknershc.com	N/G	Kansas city	Missouri	N/C	64118	Buckners Heating & Cooling Co.	Company and Self	<a href="#">View</a>	Feb 21, 2012

#	FirstName	Surname	Email	Address	Town/City	S/C/P	Region	Zip/PC	Custom Field 1	Custom Field 2	Comm	Date
4 6 7	Isaac	Caballeiro	caballeiro@hotmail.com	25571 sw 122 ct	Miami	Fl	N/C	33032	Caballeiro's Corp	Company	N/G	Feb 20, 2012
4 6 6	Karen	Cahill	kfcahill96@gmail.com	N/G	Olmsted Falls	Ohio	N/C	44138	K Cahill	Self	N/G	Feb 22, 2012
4 6 5	Craig	Campbell	craig@airwestac.com	1886 S. Santa Cruz St.	Anaheim	CA	N/C	92805	Airwest Air Conditioning and Heating, inc.	Company	<a href="#">View</a>	Feb 17, 2012
4 6 4	Bill	Campbell	billc@campbellcomfortsystems.com	1049 Kings Hwy	West Deptford	NJ	N/C	08086	Campbell Comfort Systems, Inc.	Company	<a href="#">View</a>	Feb 17, 2012
4 6 3	Reiner	Caraballo	reiner@airtecperforms.com	N/G	Carson	CA	N/C	90745	Air-Tec	self and Company	N/G	Feb 23, 2012
4 6 2	Jayne	carden	jaymecarden@yahoo.com	224 amherst rd	Costa Mesa	CA - Califor nia	N/C	92626	Maximum Performance Housing	both	N/G	Feb 18, 2012
4 6 1	Reuben	Cardona	xxredalertxxx@yahoo.com	N/G	La Mirada	Califor nia	N/C	90638	Cobraair	Company	N/G	Feb 22, 2012
4 6 0	Paul	Carlino	paul@valleymechanical.com	636 newhall street	San Jose	Ca	N/C	95110	Valley Mechanical Corp	Company	<a href="#">View</a>	Feb 17, 2012
4 5 9	Chris	Caron	ccaron@circulatingair.com	N/G	North Hollywood	CA	N/C	91605	Circulating Air	self	N/G	Feb 22, 2012
4 5 8	Mike	Carpenter	mike_carpenter@verizon.net	N/G	Lompoc	Ca.	N/C	93436	USAIR	Self	N/G	Feb 20, 2012
4 5 7	Dwayne	Carroll	custsvc@lomalindaheatair.com	N/G	Redlands	CA	N/C	92373	Loma Linda Heat & Air Conditioning	Company	N/G	Feb 21, 2012
4 5 6	Michael	Carson	mcarson@kahnair.com	20723 Satinwood Drive	Saugus	CA	N/C	91350	Kahn Air Conditioning, Inc.	all three	<a href="#">View</a>	Feb 22, 2012
4 5 5	Justin	Carter	justin@cartercrwhvac.com	462 Old Fort Dr	Ladson	SC	N/C	29456	CarterCrew Heating & Air LLC	company	N/G	Feb 18, 2012
4 5 4	Arturo	Castillo	artcastillohvac@verizon.net	32105 Heather Ln.	Menifee	Califor nia	N/C	92584	Castillo Heating and Air Conditioning Inc.	Company	N/G	Feb 17, 2012
4 5 3	Raymundo	Castrellon	rcastrellon76@hotmail.com	N/G	Pacoima	Califor nia	N/C	91331	L.A.U.S.D.	Self	N/G	Feb 22, 2012
4 5 2	William	Cates	bjc@conditionedair.com	20025 Buttermer e Ct	Estero	Fl.	N/C	33928	Conditioned Air Corp.	self	N/G	Feb 20, 2012

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4 5 1	Laurie	Catey	llcatey@aol.com	N/G	Royal Oak	MI	N/C	48067	L.L. Catey Engineering Services, LLC	Company	N/G	Feb 18, 2012
4 5 0	Timothy	Caudill	tcaudill@klm-mechanical.com	N/G	Shepherdsville	Kentucky	N/C	40165	KLM Mechanical Service, Inc.	Company and Self	N/G	Feb 22, 2012
4 4 9	patrick	ceballos	islanderppc@yahoo.com	1909 hickory knot ct.	mobile	alabama	N/C	36609	south coast testing & balancing	self	<a href="#">View</a>	Feb 19, 2012
4 4 8	kelly	chapman	kelman10@live.ca	81 queen mary crescent	london	Ontario	N/C	n6h4b5	S.W.O.R air Balancing	self	N/G	Feb 17, 2012
4 4 7	Steve	Chau	stevechau1960@yahoo.com	5749 wallace ave.	Sacramento	Ca.	N/C	95824	T & M Mechanical	self	N/G	Feb 17, 2012
4 4 6	Bruce	Cheney	bruce@aae-hers.com	4460 Copeland Avenue	San Diego	CA	N/C	92116	Anchors Aweigh Energy LLC	Company and Self	N/G	Feb 21, 2012
4 4 5	Bennie Mac	Chesteen	comfortco1@yahoo.com	N/G	Brighton	Tipton co Tennessee	N/C	38011	C&C and Son Mechanical, Inc	Company	<a href="#">View</a>	Feb 17, 2012
4 4 4	Bryan	Chvarak	bryanc@btcontrols.com	27500 Witch Creek Mountain Rd	Ramona	CA	N/C	92065	BT Controls, LLC	Company	<a href="#">View</a>	Feb 18, 2012
4 4 3	Bruce	Chyka	bruce@performanceplushomes.net	N/G	Stilwell	Kansas	N/C	66085	Performance Plus Homes	Company	N/G	Feb 19, 2012
4 4 2	Bob	Ciapponi	bob@bognersheetmetal.com	N/G	Santa Cruz	California	N/C	95062	Bogner Sheet Metal	Company	N/G	Feb 17, 2012
4 4 1	BARRY	CLARK SR	barry@bclarkair.com	24158 RD 140	TULARE	CA	N/C	93274	B CLARK HTG & AC	COMPANY	N/G	Feb 21, 2012
4 4 0	Steve	Clinton	steve.clinton@sce.com	4175 S. Laspina St.	Tulare	California	N/C	93274	Southern Calif. Edison Energy Education Cntr.	Company	N/G	Feb 22, 2012
4 3 9	David	Colton	colton.hvac@hotmail.com	N/G	Wheaton	IL	N/C	60189	Colton Heating & Cooling Inc.	company	<a href="#">View</a>	Feb 22, 2012
4 3 8	dale	conner	dale.conner@yahoo.com	N/G	plano	TX	N/C	75093	air mechanix	company	N/G	Feb 19, 2012
4 3 7	Robert	Conner	robertc@fairviewair.com	100-A Brownstone Rd	Oakley	CA	N/C	94561	Fairview Heating and Air Conditioning Inc.	Company	<a href="#">View</a>	Feb 22, 2012



#	FirstName	Surname	Email	Address	Town/City	S/C/P	Region	Zip/PC	Custom Field 1	Custom Field 2	Comm	Date
4 3 6	Wayne	Connor	connorair@aol.com	4931 N. Encinita Ave.	Temple City	Ca.	N/C	91780	Connor Air Cond. & Refrig.	company	<a href="#">View</a>	Feb 22, 2012
4 3 5	Frank	Copeland Jr.	frankcopelandjr@copelandanderson.com	N/G	Nashville	TN	N/C	37211	Copeland & Son Air Conditioning and Heating Service Inc.	Self	N/G	Feb 20, 2012
4 3 4	Tom	Corcoran	corcoranheating@sbcglobal.net	2137 Hammond	Schaumburg	IL	N/C	60173	Corcoran Heating	self	<a href="#">View</a>	Feb 19, 2012
4 3 3	Vince	Cord	vincecord@sbcglobal.net	N/G	Sherman Oaks	CA	N/C	91401	Poly-Tech Environmental	company	N/G	Feb 21, 2012
4 3 2	Robert M	Cortinas	vikingcoolinghtg@gmail.com	N/G	Brownsville	Tx	N/C	78526	Viking Cooling/Htg	Company	N/G	Feb 18, 2012
4 3 1	David	Coziahr	davecoziahr@me.com	1409 3rd Ave	Council Bluffs	IA	N/C	51501	Coziahr Heating & Air Conditioning	company	N/G	Feb 22, 2012
4 3 0	Jeffrey	Crane	jcrane@airproductsinc.com	N/G	VanNuys	CA	N/C	91406	Air Products, Inc.	Air Products, Inc.	N/G	Feb 21, 2012
4 2 9	Bruce	Cross	bruce@energyreductioninc.com	1616 Lake St.	Evanston	IL	N/C	60201	energy reduction inc.	company	N/G	Feb 17, 2012
4 2 8	chuck	crossland	davyshvac@sbcglobal.net	25528 lincoln street	los molinos	ca	N/C	96055	Crossland's HVAC	NCI	N/G	Feb 22, 2012
4 2 7	Jim	Cutler	talkhvac@yahoo.com	N/G	Waukegan	Il	N/C	60087	Jim's heating and air	Self	N/G	Feb 17, 2012
4 2 6	Al	D'Ambola	ald@nbctab.org	N/G	Avon Lake	OH	N/C	44012	National Balancing Council	Both	<a href="#">View</a>	Feb 20, 2012
4 2 5	Tony	D'Angelo	tonydangelo3434@gmail.com	N/G	Blackwood	New Jersey	N/C	08012	K.E.D. Trade Services	Company	N/G	Feb 17, 2012
4 2 4	John	Dalton	johndalton@universalac.net	5935 E. Florence Ave.	Bell Gardens	CA	N/C	90201	Universal Air Conditioning Company, Inc.	Company	<a href="#">View</a>	Feb 01, 2012
4 2 3	Matthew	Day	matt@jmairheat.com	595 Le May Way	Hemet	CA	N/C	92543	J&M Air Conditioning and Heating	Self	<a href="#">View</a>	Feb 17, 2012
4 2 2	doug	dean	dougkdean@hotmail.com	10784 cottonwood	hesperia	calif	N/C	92345	climate pro mechanical	self	N/G	Feb 03, 2012
4 2 1	Robert	Decker	deckerrj1@gmail.com	N/G	La Mirada	CA	N/C	90638	Trabuco Air	Trabuco Air	<a href="#">View</a>	Feb 17, 2012

#	FirstName	Surname	Email	Address	Town/City	S/C/P	Region	Zip/PC	Custom Field 1	Custom Field 2	Comm	Date
420	James	Deiter	jdeiter@dbrot hers.com	1226 Stefko Blvd.	Bethlehe m	PA	N/C	18017	Deiter Bros.	Company	N/G	Feb 17, 2012
419	Burney	DeMaine	burney50@ho tmail.com	N/G	Pine Bluff	AR	N/C	71603	Comfort Air Conditioning	Company	<a href="#">View</a>	Feb 22, 2012
418	David	Deming	ddeming@pm chvac.com	N/G	Baldwin Park	Califor nia	N/C	91706	Pacific Mechanical Contractors	company	N/G	Feb 21, 2012
417	Larry	Denyer	larrydenyer@ airtro.com	1630 S Myrtle Ave	Monrovia	CA	N/C	91016	Air-Tro Inc	No	N/G	Feb 22, 2012
416	Carl	Depner	homelesscarld @yahoo.com	N/G	Manassas	Va	N/C	20109	Air treatment	Self	N/G	Feb 22, 2012
415	David	DeRose	dave66@qwe stoffice.net	461 Yampa Ave	Craig	Color ado	N/C	81625	Masterworks Mechanical Inc.	Company	<a href="#">View</a>	Feb 22, 2012
414	Aaron	Deutsch	aaron@dryma xxair.com	N/G	Sherman Oaks	CA	N/C	91401	Drymaxx Air Soltions	self	N/G	Feb 23, 2012
413	Vincent	Difilippo	vjdhvac@aol.c om	521 Arbordale Road	Wayne	PA	N/C	19087	Difilippos Service Company INC	Company	N/G	Feb 21, 2012
412	Ralph	Doak	allseasonshva c@cox.net	N/G	Chesapea ke	Virgini a	N/C	23322	All Seasons Heating and Cooling Service Co.	Company	<a href="#">View</a>	Feb 22, 2012
411	stacey	doty	thebarefooted one@hotmail. com	N/G	Sylmar	ca	N/C	91342	Circulating Air Inc	company	N/G	Feb 22, 2012
410	Bill	Doty	bjdoty@circul atingair.com	N/G	North Hollywood	CA	N/C	91605	Circulating Air, Inc.	Company	N/G	Feb 22, 2012
409	Nicholas	Doty	nicknorthernai r@aol.com	N/G	Van Nuys	CA	N/C	91406	Northern Air	Company	N/G	Feb 23, 2012
408	DAN	DUARTE	tempcoac@aol.com	N/G	ARTESIA	CA	N/C	90701	TEMPCO AC HTG	BOTH	<a href="#">View</a>	Feb 19, 2012
407	Hailee	Dunfee	d132010@yah oo.com	N/G	Lorain	Ohio	N/C	44055	N/a	Self	N/G	Feb 22, 2012
406	Clay	Dunn	clay@airtecpe rforms.com	1606 E. CARSON STREET	CARSON	CA	N/C	90749	AIR-TEC	COMPANY	N/G	Feb 23, 2012
405	Roy	Eads	reads@dc.rr.c om	N/G	Cathedral City	CA	N/C	92234	1st Choice HERS Rating	self	N/G	Feb 17, 2012
404	Bryan	Echols	bryanechols@ hotmail.com	N/G	Akron	OH	N/C	44319	Echols Heating & A/C	company	N/G	Feb 20, 2012

#	FirstName	Surname	Email	Address	Town/City	S/C/P	Region	Zip/PC	Custom Field 1	Custom Field 2	Comm	Date
403	James	Echols	jim@echolsheating.com	85 Hanna PKWY	Akron	Ohio	N/C	44319	Echols Heating & Air-Conditioning Inc.	Company	N/G	Feb 20, 2012
402	Vic	Edens	vic@edenshvac.com	N/G	Grayson	GA	N/C	30017	Edens heating and Air Conditioning. Inc.	company	N/G	Feb 22, 2012
401	James	Eichman	empirehvac@aol.com	16321 Walrus Lane	Huntington Beach	California	N/C	92649	Empire Plumbing, Heating, Air Conditioning & Electrical	Company	<a href="#">View</a>	Feb 17, 2012
400	John	Ellis	socalairdynamics@yahoo.com	8038 Andasol Ave	Northridge	CA	N/C	91325	So Cal Air Dynamics	Both	<a href="#">View</a>	Feb 22, 2012
399	Gary	Epps	gepps@circulatingair.com	N/G	Lancaster	Ca.	N/C	93536	Circulating Air	Circulating Air	N/G	Feb 22, 2012
398	Blayne	Epps	bepps@circulatingair.com	1156 Wrightwood ct.	Rosamond	California	N/C	93560	Circulating Air	Circulating Air	<a href="#">View</a>	Feb 22, 2012
397	Rocco	Errichetti	hydroairman@hotmail.com	N/G	Patrick Springs	Va	N/C	24133	Hydro Air Systems	Hydro Air Systems	N/G	Feb 22, 2012
396	Mark	Evans	vikingair@sbcglobal.net	18565 Soledad Cyn. Rd.# 291	Canyon Country	Los Angeles	N/C	91351	Viking Heating and Air Inc	company	N/G	Feb 22, 2012
395	Rob	Falke	robfn@ncihvac.com	P.O. Box 147	Avon Lake	Ohio	N/C	44012	National Comfort Institute	National Comfort Institute	<a href="#">View</a>	Feb 14, 2012
394	Brad	Falke	bfalke@saundersair.com	500 N First Street	Turlock	California	N/C	95380	Saunders Air Conditioning & Heating	Company	<a href="#">View</a>	Feb 22, 2012
393	Gary	Farajian	arpiar@hotmail.com	9821 Independence Ave	Chatsworth	CA	N/C	91311	Arpi Mechanical Inc	Company	<a href="#">View</a>	Feb 22, 2012
392	Mark	Ferree	fhasvc@msn.com	12175 Pawnee rd	Apple Valley	ca	N/C	92308	FHA Services Inc.	Company	N/G	Feb 17, 2012
391	Alex	Ferrell	plenarius@comcast.net	P.o. box 16	Yuba city	Ca.	N/C	95992	Plenarius Comfort Solutions	Both	N/G	Feb 18, 2012
390	Ken	Field	fieldk@verizon.net	5632 Sullivan Trl	Easton	PA	N/C	18040	Field's Service, Inc.	company	<a href="#">View</a>	Feb 18, 2012
389	Alan	Fisher	alan@fisherair.com	N/G	Brea	CA	N/C	92821	FisherAir Conditioning & Heating Services	Company	<a href="#">View</a>	Feb 17, 2012

#	FirstName	Surname	Email	Address	Town/City	S/C/P	Region	Zip/PC	Custom Field 1	Custom Field 2	Comm	Date
388	Mark	Fisher	mark@fisherair.com	N/G	Brea	CA	N/C	92821	FisherAir	self	N/G	Feb 17, 2012
387	Ryan	Fisher	ryan@fisherair.com	16323 Summershade Dr.	La Mirada	CA	N/C	90638	FisherAir Heating & A/C	self	N/G	Feb 21, 2012
386	Daniel	Foley	dfoley50@verizon.net	8390 Terminal Rd. Suite I	Lorton	VA	N/C	22079	Foley Mechanical, Inc.	Company	N/G	Feb 22, 2012
385	Ronald	Ford	ron_ford@sierraair.com	51 Snider Way	Sparks	NV	N/C	89431	Sierra Air Inc	Company and Self	<a href="#">View</a>	Feb 17, 2012
384	Richard	Foster	rfoster@trolexcorp.com	55 Bushes Lane	Elmwood Park	NJ	N/C	07407	ZONEFIRST	Company	<a href="#">View</a>	Feb 17, 2012
383	mike	Fowle	fowle.michael@gmail.com	N/G	Avon Lake	OH	N/C	44012	NCI	self	N/G	Feb 22, 2012
382	Michael	Fox	mike.a1heating@hotmail.com	247 W Hawthorne	Minden	NE	N/C	68959	A-1 Refrigeration, Heating & Air Conditioning, Inc.	company	N/G	Feb 19, 2012
381	Glenn	Frank	glenn@fortcollinsheating.com	N/G	Fort Collins	CO	N/C	80524	Fort Collins Heating and Air	Company	<a href="#">View</a>	Feb 17, 2012
380	Steve	Fraser, CMS	sf90705@aol.com	1037 w. 18th st. #3	San Pedro	CA	N/C	90731	UCLA	SELF	<a href="#">View</a>	Feb 13, 2012
379	Kevin	Freeman	acfroze@yahoo.com	N/G	Gulf shores	Al	N/C	36542	Roberts Air Conditioning	Company	N/G	Feb 17, 2012
378	Lee	Galison	ahvacs@gmail.com	P.O. Box 469	Traverse City	Michigan	N/C	49685	Advanced HVAC Solutions, PLC	Company	N/G	Feb 22, 2012
377	Joe	Gallagher	kgallagher@circulatingair.com	N/G	North Hollywood	California	N/C	91605	Circulating Air, Inc.	Circulating Air, Inc.	N/G	Feb 22, 2012
376	Susan	Gallagher	sue@circulatingair.com	7337 Varna Avenue	North Hollywood	CA	N/C	91605	Circulating Air, Inc.	Company	N/G	Feb 22, 2012
375	Don	Gallagher	dgallagher@circulatingair.com	7337 Varna Ave.	N. Hollywood	California	N/C	90025	Circulating Air, Inc	Company	<a href="#">View</a>	Feb 23, 2012
374	clay	gandha	bestclay1@gmail.com	3411 n jones	las vegas	nv	N/C	89108	panda refrigeration	NCI	<a href="#">View</a>	Feb 17, 2012
373	CHRIS	GANIMIAN	cganimian@verizon.net	14603 VASCO WAY	MORENO VALLEY	CALIFORNIA	N/C	92555	ENERGY ANALYSIS TECHNOLOGIES	MY COMPANY	<a href="#">View</a>	Feb 18, 2012

#	FirstName	Surname	Email	Address	Town/City	S/C/P	Region	Zip/PC	Custom Field 1	Custom Field 2	Comm	Date
372	George	Garcia	geomach1957@yahoo.com	N/G	Lakewood	CA	N/C	90712	Raytheon	Self	<a href="#">View</a>	Feb 22, 2012
371	Brian	Garno	brian@garnobros.com	N/G	St. Charles	Michigan	N/C	48655	Garno Brothers Heating and Cooling	Self	N/G	Feb 18, 2012
370	Reinaldo	Garrido	rgmechanical@aol.com	P. O. Box 1575	Tavernier	FL	N/C	33070	R. G. Mechanical Services	self	N/G	Feb 20, 2012
369	Reinaldo	Garrido	rgmechanical@aol.com	P. O. Box 1575	Tavernier	FL	N/C	33070	R. G. Mechanical Services	self	N/G	Feb 22, 2012
368	Robert	Gastel	arrowheadm@aol.com	209 N. Waterman Avenue	San Bernardino	Ca	N/C	92407	Arrowhead Mechancial, Inc.	Company	N/G	Feb 21, 2012
367	Josh	Gerber	josh@echolsh heating.com	N/G	Akron	Ohio	N/C	44319	Echols Heating & A/C Inc.	Self	N/G	Feb 20, 2012
366	Joanne	Giardini-Russell	jmgiardini@sbcglobal.net	3507 Lakewood Shores Drive	HOWELL	Mi	N/C	48843	SELF	SELF	N/G	Feb 21, 2012
365	Brian	Gibbons	brian@socalairelectricinc.com	150 S. Wineville Ave.	Ontario	CA.	N/C	91761	So Cal Air & Electric, Inc.	Company	N/G	Feb 21, 2012
364	Jeff	Giesbrecht	jeff@ghvacinc.com	N/G	Stapleton	Georgia	N/C	30823	Giesbrecht Hvac inc.	company	<a href="#">View</a>	Feb 21, 2012
363	David	Gill	davidgill75@comcast.net	3609 W. Evergreen ave.	Visalia	California	N/C	93277	Visalia Mechanical	self	<a href="#">View</a>	Feb 17, 2012
362	Greg	Gill	greg.gill@actionac.net	2750 S. Santa Fe Ave	San Marcos	CA	N/C	92069	Action Air Conditionong, Heating & Solar	Company	N/G	Feb 21, 2012
361	Alan	Gilliland	alg@tuffysac.net	4017 Azle Hwy.	Weatherford	Texas	N/C	76085	Tuffy's	Self	N/G	Feb 19, 2012
360	Philip	Gin	pgin@bakerdist.com	N/G	Irwindale	CA	N/C	91706	Baker Distributing Company	Company	N/G	Feb 22, 2012
359	Kenneth	Goedeke	kgoedeke@iximd.com	N/G	Forest Hill	MD	N/C	21050	Paul F Goedeke, Inc.	Self	N/G	Feb 18, 2012
358	john	gomez	info@gomezcomfortsystems.com	233 baker ave.	syracuse	ny	N/C	13205	gomez comfort systems, LLC	both	N/G	Feb 22, 2012
357	roberto	gonzalez	tonysairconditioning@roadrunner.com	N/G	la habra	ca.	N/C	90631	tonysairconditioning	tonysairconditioning	N/G	Feb 17, 2012

#	FirstName	Surname	Email	Address	Town/City	S/C/P	Region	Zip/PC	Custom Field 1	Custom Field 2	Comm	Date
3 5 6	Liza	Gonzalez	lgonzalez@circulatingair.com	N/G	North Hollywood	CA	N/C	91605	Circulating Air, Inc.	Circulating Air, Inc.	N/G	Feb 22, 2012
3 5 5	Al	Gonzalez	agonzalez@circulatingair.com	7337 Varna Ave.	No. Hollywood	California	N/C	91605	Circulating Air, Inc.	Company	N/G	Feb 22, 2012
3 5 4	Joe	Gorman	joe@jpgorman.com	2072 CAMP WHITNEY CIR	Rocklin	CA	N/C	95765	High Performance Energy Solutions	Self	<a href="#">View</a>	Feb 18, 2012
3 5 3	Steve	Granger	steve@budgetairandheat.com	1249 S. Diamond Bar Blvd., Suite #239	Diamond Bar	CA	N/C	91765	Budget Air Conditioning & Heating	Company	<a href="#">View</a>	Feb 21, 2012
3 5 2	David	Grant	senate@hersrater.net	N/G	Trabuco Canyon	CA	N/C	92679	D&H Climate Control	Both	<a href="#">View</a>	Feb 20, 2012
3 5 1	Michael	Greany	asapplumbing#sbcglobal.net	1308 Jasmine Cir	Corona	California	N/C	92880	ASAP	Company	<a href="#">View</a>	Feb 18, 2012
3 5 0	marvin	greene	marvin_c21@cox.net	1708 bonita av.	las vegas	nv	N/C	891041	holly heating & a/c	self	N/G	Feb 17, 2012
3 4 9	Grant	Greif	acfixerco@gmail.com	N/G	San Jacinto	CA	N/C	92583	Air Conditioning Enterprises	Self	N/G	Feb 22, 2012
3 4 8	Michael	Griffin	airflowspecialties@gmail.com	N/G	Tujunga	Ca	N/C	91043	AirFlow Specialties	Company	<a href="#">View</a>	Feb 11, 2012
3 4 7	Dominick	Guarino	domg@ncihvac.com	4259 Lake Road	Sheffield Lake	OH	N/C	44054	NCI	self	N/G	Feb 17, 2012
3 4 6	Nick	Guarino	zerosmystery6976@gmail.com	N/G	Avon Lake	OH	N/C	44012	NCI	Self	N/G	Feb 20, 2012
3 4 5	James	Haddick	james@orlandotestandbalance.com	N/G	Orlando	Florida	N/C	32861	Orlando Test and Balance, Inc.	Orlando Test and Balance, Inc.	N/G	Feb 18, 2012
3 4 4	Cathy	Haire	cathyresi@aol.com	65 Cristich Lane	Campbell	CA	N/C	95008	Residential Heating and Air Conditioning	Company	<a href="#">View</a>	Feb 22, 2012
3 4 3	Glenn	Haller, PE	glenn.haller@gsfic.ga.gov	270 Washington St.	Atlanta	GA	N/C	30334	GSFIC	Self	<a href="#">View</a>	Feb 23, 2012
3 4 2	Neil	Hammond	baycitiesfurnace@hotmail.com	N/G	Santa Monica	CA	N/C	90401	Bay Cities Furnace & Air Conditioning	Company	N/G	Feb 23, 2012
3 4 1	John	Hanner	john.hanner@gmail.com	1143 45th Avenue NE	St Petersburg	Florida	N/C	33703	Building Diagnostics, LLC	Company	N/G	Feb 17, 2012

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340	Russell	Harju	russellaharju@yahoo.com	3839 san pablo dr.	fullerton	ca	N/C	92835	Fieldpiece	Self	<a href="#">View</a>	Feb 17, 2012
339	David	Harmer	dave@firstclass-air.com	N/G	Cape Coral	Florida	N/C	33909	First Class, Air Conditioning	company	N/G	Feb 17, 2012
338	Robert	Harper	hearthman@comcast.net	N/G	Drexel Hill	pa	N/C	19026	Hearthman Specialties	self	<a href="#">View</a>	Feb 22, 2012
337	Melvin	Harrell	melvin@actuneupca.com	P.O.Box 12116	San Bernardino	Ca	N/C	92423	Energy Master	Self	N/G	Feb 17, 2012
336	Aaron	Hastings	hastingsaaron@hotmail.com	N/G	kenilworth	nj	N/C	07033	ICS	Self	<a href="#">View</a>	Feb 15, 2012
335	Fred	Hatch	admin@modern-air.com	N/G	Harbor City	CA	N/C	90710	Modern-air Conditioning Co.	Company	N/G	Feb 21, 2012
334	Steven	Hawes	steveh@totalcomfort.com	N/G	Minneapolis	MN	N/C	55427	Total Comfort	Self	N/G	Feb 17, 2012
333	patrick	hawkins	phawkins@pitel.net	3114	pine island	mn	N/C	55963	pine heating	company	N/G	Feb 17, 2012
332	TOM	HAWKINSON	atstom@verizon.net	N/G	HESPERIA	CA	N/C	92345	AIR-TECH SERVICES	COMPANY	<a href="#">View</a>	Feb 21, 2012
331	Edward	Hayden	edward@haydensarmadilloair.com	10810 Birch Dr.	La Porte	Texas	N/C	77571	Hayden's Armadillo Air	Company	N/G	Feb 17, 2012
330	Mitch	Haynam	mhaynam@amsfusa.com	2100 E. Walnut Ave	Fullerton	Ca	N/C	92880	Anderson Air Conditioning	Yes	<a href="#">View</a>	Feb 22, 2012
329	Chad	Hegreberg	spicermech@hotmail.com	1315n Tustin	Orange	Ca	N/C	92867	Spicer mechanical	Company	N/G	Feb 21, 2012
328	Robert	Helbing	bobhelbing@airtro.com	1630 S. Myrtle Ave.	Monrovia	ca	N/C	91016	Air-Tro, Inc.	Company	<a href="#">View</a>	Feb 21, 2012
327	kevin	hendershot	kevinhendershoot@yahoo.com	442 1/2 walnut	long beach	calif.	N/C	90802	long beach city college a/c	self	N/G	Feb 03, 2012
326	Ernest	Henderson	trin2mont@yahoo.com	9502 Rendalia St	Bellflower	CA	N/C	90607	n/a	self	N/G	Feb 20, 2012
325	Phil	Hendrickson	phil@abmstl.com	4950 Bischoff Ave.	St Louis	Missouri	N/C	63110	American Boiler & Mechanical	Company and Self	N/G	Feb 23, 2012
324	John	Heritage	john@ralphsheating.net	N/G	Chicago	IL	N/C	60649	Ralph's Heating Service, Inc.	Company	N/G	Feb 22, 2012

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3 2 3	Jerry	Hernandez	glmhvac@gmail.com	P.O. Box 2705	Downey	ca	N/C	90242	Green Link Mechanical	Company	N/G	Feb 13, 2012
3 2 2	Steve	Hewitt	steve@jmainrheat.com	395 W. Esplanade Ave.	San Jacinto	CA	N/C	92583	J&M Air Conditioning	Self/J&M Air Conditioning	N/G	Feb 17, 2012
3 2 1	Corey	Hickmann	corey@comfortmatters.com	N/G	Hanover	MN	N/C	55341	Comfort Matters Heating and Cooling, Inc	company	N/G	Feb 22, 2012
3 2 0	Terry	Hickmann	terry.hickmann@galarson.com	4537 Pflaum Rd	Madison	WI	N/C	53718	Gustave A. Larson Company	Self	<a href="#">View</a>	Feb 23, 2012
3 1 9	Denis	Higginson	dh@atbthersrafter.com	4790 Irvine Blvd 105-142	Irvine	CA	N/C	92620	ATB Images	Self	N/G	Feb 17, 2012
3 1 8	Dave	Highland	dave.highland@gmail.com	16821 McPherson Ave	Lake Elsinore	Ca	N/C	92530	Sheet Metal Local105 Training Center	Self	N/G	Feb 22, 2012
3 1 7	William	Highley	williamhighley@hotmail.com	5519 Columbus Road	Centerburg	Ohio	N/C	43011	Columbus State Community College	Self	N/G	Feb 18, 2012
3 1 6	Leslie	Hipp	lesliehipp@gmail.com	N/G	South Lyon	MI	N/C	48178	Arbonne	Self	N/G	Feb 21, 2012
3 1 5	Holly	Hoff	hhoff@homeairservices.com	N/G	Rockville	MD	N/C	20852	Home Air Services, Inc.	Company	N/G	Feb 22, 2012
3 1 4	David	Hoholski	dhoholski@gmail.com	N/G	Lorain	Ohio	N/C	44052	NCI	company	N/G	Feb 22, 2012
3 1 3	Carl	Holgerson	cholgerson@countyfair.com	2700 Shames Drive	Westbury	New York	N/C	11590	County Fair A/C corp	Company	N/G	Feb 21, 2012
3 1 2	David	Holt	david@4ultimate.com	PO Box 7604	Columbus	GA	N/C	31909	Ultimate Service Systems	Ultimate Service Systems	N/G	Feb 17, 2012
3 1 1	Lynn	Holt	lholt@holtinc.com	304 E Madison	Winterset	Iowa	N/C	50273	Holt Plumbing & Heating Inc.	Company	N/G	Feb 20, 2012
3 1 0	Jack	Hoseman	nrgman@comcast.net	N/G	Skokie	Illinois	N/C	60076	A NEW VISION HVAC	company	<a href="#">View</a>	Feb 17, 2012
3 0 9	Arthur	Houston	ahpilotart@aol.com	N/G	Pottstown	Pennsylvania	N/C	19464	CFM HVAC	Self	<a href="#">View</a>	Feb 17, 2012
3 0 8	Raymond	HUBBELL	ray@hubbella.com	5403 MORAGA COURT	BAKERSFIELD	California	N/C	93308	HUBBELL AIR	HUBBELL AIR	<a href="#">View</a>	Feb 21, 2012



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307	James	Huber	jhuber@completecx.com	N/G	Annapolis	MD	N/C	21401	Complete Commissioning, Inc.	Self	N/G	Feb 20, 2012
306	Jerry	Huelsenbeck	energyeagles@gmail.com	N/G	Bridgeville	PA	N/C	15017	Energy Eagles	Company	<a href="#">View</a>	Feb 18, 2012
305	Jason	Hunter	jaxairsupport@gmail.com	1200 South Hwy 161	Jacksonville	AR	N/C	72076	Jacksonville Heating and Air, Inc.	Company	N/G	Feb 22, 2012
304	Anthony	Hunter	sales@evenflowmechanical.com	1861 W. Lomita Blvd Suite C	Lomita	CA	N/C	90717	Evenflow Mechanical	Self	N/G	Feb 22, 2012
303	Kim	Huscher	hushair@aol.com	N/G	Riverside	Ca	N/C	92508	Hush Air	Self	N/G	Feb 21, 2012
302	WALEED	HUSSAAIN MOHAMMED	wal_hm@hotmail.com	P.O BOX 29354 SHARJAH UAE	SHRAJAH	UAE	N/C	971	MIMAR CONSULT	50	N/G	Feb 17, 2012
301	Billy	Huynh	billyhuynh04@yahoo.com	9301 Murline Dr	Garden Grove	CA	N/C	92841	OUTDOOR DIMENSIONS	SELF	N/G	Feb 22, 2012
300	Ralph	Ippolito	ralph_ippolito7@msn.com	N/G	Stoughton	Ma	N/C	02072	EMCOR SERVICES NORTHEAST, INC	Self	N/G	Feb 18, 2012
299	william	irvin	bigbilloflbrizon.net	3602 charlemagne ave	long beach	calif	N/C	90808	delta refrigeration co	both	<a href="#">View</a>	Feb 12, 2012
298	William	Irvine	bill@bcitesting.com	N/G	Palm Desert	CA	N/C	92261	BCI Testing	All	<a href="#">View</a>	Feb 18, 2012
297	ray	jackson	ray.benchmark@gmail.com	N/G	bakersfield	ca	N/C	93309	benchmark air conditioning	self	N/G	Feb 19, 2012
296	Darren	Jamison	reeferguardhvac@gmail.com	N/G	Alhambra	CA	N/C	91803	Reefer Guard Refrigeration Services	Company	N/G	Feb 13, 2012
295	Tom	Jansen	tomj@jansensheating.com	11984 E US Highway 40	Effingham	IL	N/C	62401	Jansens Heating and Air	Jansens Heating and Air	N/G	Feb 19, 2012
294	Francisco Javier	Jimenez	pjonetime@hotmail.com	11018 dalwood ave.	downey	ca	N/C	90241	Diamondback HVAC	self	<a href="#">View</a>	Feb 21, 2012
293	Andrew	John	andrew@johnsrefrigeration.com	N/G	mesa	az	N/C	85210	John's Refrigeration	company	N/G	Feb 21, 2012
292	Doug	johnson	djeeper78@verizon.net	N/G	moreno valley	California	N/C	92557	the cool guys	owner	N/G	Feb 09, 2012

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291	William	Johnson	williamsair@yahoo.com	25825 Skylark Dr.	Torrance	CA	N/C	90505	City of Torrance	Self	N/G	Feb 14, 2012
290	Craig	Johnson	craig@phcraig.com	N/G	Hutchinson	Mn	N/C	55350	Plumbing and heating by Craig, inc	Self	<a href="#">View</a>	Feb 17, 2012
289	Scott	Johnson	acampairflow@gmail.com	5556 Corporate Avenue	Cypress	CA	N/C	60630	NCI/IHACI	self	<a href="#">View</a>	Feb 17, 2012
288	Chris	Johnson	johnson@kernenergyraters.com	3908 Cosenza St.	Bakersfield	California	N/C	93308	Kern Energy Raters	Company	<a href="#">View</a>	Feb 20, 2012
287	Thomas	Johnson	tom@tmjohnsonbros.com	645 Emerson St N	Cambridge	MN	N/C	55008	T M Johnson Bros inc	Company	<a href="#">View</a>	Feb 22, 2012
286	stanley	johnson	sjohnson@heatingequipmentcompany.com	N/G	caldwell	idaho	N/C	83605	heating equipment company	company	N/G	Feb 22, 2012
285	Charles	Jones	chale320@aol.com	200 baldwin rd suite b6	parsippany	NJ	N/C	07054	CJ Mechanical of north jersey llc.	co.	N/G	Feb 17, 2012
284	Philip	Jones	philip.jones@jonwayneair.com	N/G	San Antonio	TX	N/C	78238	Jon Wayne Htg and Air	Self	N/G	Feb 17, 2012
283	Michael	Jordan	maybethedingo@gmail.com	N/G	Exton	PA	N/C	19341	Heating & Air Conditioning	Self	N/G	Feb 22, 2012
282	Randy	Journey	randy@journeyyac.com	103 Michigan St.	Bakersfield	CA	N/C	93307	Journey Air Conditioning Co., Inc.	Company	N/G	Feb 22, 2012
281	Ken	Justo	kenji1956@yahoo.com	4870 Viewridge Ave., Suite 200	San Diego	Ca	N/C	92123	ASI hastings	Compan	N/G	Feb 21, 2012
280	Daniel	Kahn	dgkahn@cpseenergy.com	N/G	San Antonio	Texas	N/C	78296	CPS Energy	company	N/G	Feb 17, 2012
279	Larry	Kapigian	lkapigian@superior-air.com	N/G	Visalia	Ca	N/C	93291	Superior Air	Company	N/G	Feb 21, 2012
278	Bill	Keilen	b_keilen@farioair.com	N/G	Faribault	MN	N/C	55021	Faribo A/C & Heating, Inc.	Company	N/G	Feb 22, 2012
277	Greg	Kellams	gkellams@gmail.com	N/G	Ferndale	Michigan	N/C	48220	Home Inspection & Environmental Testing	company	N/G	Feb 18, 2012
276	shawn	kennedy	kennedy_cole@hotmail.com	214E. 2nd street	marion	indiana	N/C	46952	kennedy's inc.	company	<a href="#">View</a>	Feb 17, 2012

#	FirstName	Surname	Email	Address	Town/City	S/C/P	Region	Zip/PC	Custom Field 1	Custom Field 2	Comm	Date
2 7 5	Jerome	Kennihan	jerry@kenni ns.com	530 Steiner Bridge Rd.	Valencia	PA	N/C	16059	Kennihan Plumbing and Heating	company	<a href="#">View</a>	Feb 20, 2012
2 7 4	dave	kerr	econowesthva c@aol.com	42332 tenth st west	lancaster	ca	N/C	93534	econo west air	company	N/G	Feb 22, 2012
2 7 3	Bob	Kessener	bobk.mayome ch@gmail.co m	N/G	Laguna Beach	CA	N/C	92651	Mayo Mechanical, Inc.	self	<a href="#">View</a>	Feb 21, 2012
2 7 2	Marlene	King	marlenek@nci hvac.com	N/G	Sheffield Lake	OH	N/C	44054	National Comfort Institute	Self	N/G	Feb 22, 2012
2 7 1	elaina	king	elainak@ncihv ac.com	29370 Fenwick Cir	Cypress	CA	N/C	90630	National Comfort Institute	Company	N/G	Feb 22, 2012
2 7 0	Eric	Kjelshus	eric.energy@g mail.com	25001 E Outerbelt Rd	Greenwoo d	MO	N/C	64034	energy	energy	<a href="#">View</a>	Feb 17, 2012
2 6 9	warren	Kjelshus	kjelshus@yma il.com	25001 E Outerbelt Rd	Greenwoo d	MO	N/C	64034	Renewable Efficient	self	<a href="#">View</a>	Feb 22, 2012
2 6 8	Bob	Kler	theairguy@aol .com	308 E. 21st St.	Upland	CA	N/C	91784	Sunland Service	Self	<a href="#">View</a>	Feb 17, 2012
2 6 7	Edward	Kline	edwardwkl@g mail.com	2320 E Central Ave Suite 3	Duarte	CA	N/C	91010	Kline's Kustom Heating & Air Inc	Both	N/G	Feb 17, 2012
2 6 6	Steve	Knickelbein	nickel1@pacb ell.net	P.O. Box 70606	Pasadena	CA	N/C	91117	IHACI	Self	N/G	Feb 21, 2012
2 6 5	David	Kohoutek	davek@colon yheating.com	2224 16th Av SW	Cedar Rapids	Iowa	N/C	52404	Colony Heating & A/C	Company and self	<a href="#">View</a>	Feb 23, 2012
2 6 4	Yuri	Kotlyarsky	yk1260@yaho o.com	N/G	Staten Island	NY	N/C	10305	LUKO Mechanical Inc	company	N/G	Feb 20, 2012
2 6 3	Garry	Krahling	garry@k2vent. com	4533 Printers Ct.	White Plainns	Md.	N/C	20695	K-2 Ventilations LLC	Company	<a href="#">View</a>	Feb 20, 2012
2 6 2	Gary	Krautkramer	gary@airvista. com	9402 Comstock	Huntingto n Beach	ca	N/C	92646	Air Vista Inc	Company	<a href="#">View</a>	Feb 21, 2012
2 6 1	Zak	Kriegel	zriegel@rayo cook.com	889 Riverside Ave	Roseville	CA	N/C	95678	Ray O. Cook Company	Company	N/G	Feb 17, 2012
2 6 0	Aaron	LaBreau	labreau@csu.f ullerton.edu	N/G	Artesia	CA	N/C	90701	HVAC student	self	N/G	Feb 19, 2012

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2 5 9	Jack	LaFontaine	jlafontaine@d c.rr.com	41-485 Adams Street, Unit C	Bermuda Dunes	CA	N/C	92203	Energy Management Services	self	N/G	Feb 21, 2012
2 5 8	Arvil	Lambert	servicetechniq ue@comcast. net	118 Kensington Dr.	Florence	Al.	N/C	35633	Service Tech-Nique Heating and Air	Company	<a href="#">View</a>	Feb 18, 2012
2 5 7	Ed	Lambert	ed@amberair conditioning.c om	29885 2Lake nElsind St. Suites A& B	Lake Elsinore	Ca.	N/C	92532	Amber Air Conditioning Inc.	Company	N/G	Feb 22, 2012
2 5 6	Randy	Langsdale	rd2oneway@ msn.com	22395 Western ave #301	Torrance	Ca.	N/C	90501	oneway htg &air cond	Company	N/G	Feb 18, 2012
2 5 5	Randy	Langsdale	rd2oneway@ msn.com	N/G	Torrance	Ca	N/C	90501	One way htg & air conditioning	Company	N/G	Feb 21, 2012
2 5 4	Eric	Lanser	ericlanser@c m3inc.com	N/G	blackwood	nj	N/C	08012	cm3 building solutions	self	<a href="#">View</a>	Feb 19, 2012
2 5 3	Neil	Larson	neil@splincon. com	714 North Michigan Avenue	Pasadena	CA	N/C	91104	Splinters Construction, Inc.	company	<a href="#">View</a>	Feb 20, 2012
2 5 2	Dennis	Laughlin	dennis@arzel zoning.com	N/G	Cleveland	Ohio	N/C	44128	Arzel Zoning Technology	company	N/G	Feb 22, 2012
2 5 1	Christopher	Laurentino	christopherlau rentino@comf ortspecialistsll c.com	po box 279	succasun na	nj	N/C	07876	Comfort Specialists LLC	Self	N/G	Feb 22, 2012
2 5 0	Nick	Laushkin	nick@4climate pro.com	N/G	Monrovia	CA	N/C	91016	Climate Pro Mechanical, Inc.	Company	<a href="#">View</a>	Feb 20, 2012
2 4 9	Lang	le	lale@irvineco mpany.com	501 west broadway	San Diego	CA	N/C	92021 1	Irvinecompany	self	N/G	Feb 21, 2012
2 4 8	brian	lear	blear@circulat ingair.com	N/G	lancaster	califor nia	N/C	93536	circulating air	self	N/G	Feb 22, 2012
2 4 7	Patricia	Leiser	patricia@hvac redu.net	N/G	Newport	Washi ngton	N/C	99156	HVACRedu.ne t	company	<a href="#">View</a>	Feb 21, 2012
2 4 6	gary	lemcke	gary@hvac-air .com	411 Castlehill dr.	walnut	ca, los angel es	N/C	91789	hvac-air conditioning corp.	company	<a href="#">View</a>	Feb 17, 2012
2 4 5	Robert	Lemley	rlemley@1sts ervicehvacr.co m	4 canal Road	Berlin	Maryl and	N/C	21811	1st Service Co., Inc.	Self	<a href="#">View</a>	Feb 21, 2012

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2 4 4	adrian	lesley	adrianlesley61@gmail.com	26571 simmons way	hemet	california	N/C	92544	service technician	self	<a href="#">View</a>	Feb 21, 2012
2 4 3	Michael	Levin	mlevin@stansac.com	1913 creek crest way	Round rock	Texas	N/C	78664	Stans air conditioning and heating	Self	N/G	Feb 17, 2012
2 4 2	Anthony	Lilly	tony.lilly@gmail.com	N/G	Nimitz	WV	N/C	25978	R E Michel Co	Self	<a href="#">View</a>	Feb 17, 2012
2 4 1	Don	Lindhardt	don@lindhardt-techserv.com	3421 South 500 West	Salt Lake City	UT	N/C	84115	Lindhardt Technical Services	My Customers, my company and myself	<a href="#">View</a>	Feb 17, 2012
2 4 0	Christopher	Link	chris@justcallink.com	N/G	Newington	Ct	N/C	06111	Link Mechanical Services, Inc.	Self	N/G	Feb 17, 2012
2 3 9	Florian	Lionide	floroli@msn.com	N/G	San Diego	CA	N/C	92128	IHACI	IHACI	N/G	Feb 21, 2012
2 3 8	Stephen	Loeza	sloezas@aol.com	12152 Rosecrans Ave	Norwalk	California	N/C	90650	RSES	self	<a href="#">View</a>	Feb 09, 2012
2 3 7	Oronde	London	olondon3@gmail.com	12089 Franklin St.	Moreno Valley	California	N/C	92557	London's Air Conditioning & Heating Inc.	Company	N/G	Feb 18, 2012
2 3 6	ryan	long	rlong@parkeryoung.com	N/G	morganton	ga	N/C	30560	parker young construction	representing	N/G	Feb 18, 2012
2 3 5	nelson	long	blong@enter.net	1329 n. new st	bethlehem	pa	N/C	18018	OraSure Technologies	all	N/G	Feb 21, 2012
2 3 4	Dearcy	Long	longhvac@pacificbell.net	5725 Mira Flores Drive	San Diego	Calif	N/C	92115	LONG'S HVACR	YES, YES, YES	<a href="#">View</a>	Feb 22, 2012
2 3 3	Jeffrey	Lowe	jeff@jeffloweplumbing.com	101 Smith Ave.	Kingston	New York	N/C	12401	Jeff Lowe Plumbing, Heating and A/C Inc.	company	N/G	Feb 18, 2012
2 3 2	Jeremy	Lowe	jlowe@servicemanager.com	N/G	Arlington	Tx	N/C	76013	Callahan Roach	Company	<a href="#">View</a>	Feb 23, 2012
2 3 1	Dwight	Macapugay	macdwightelectric@yahoo.com	10035 Birchdale Ave.	Downey	California	N/C	90240	Mac Dwight Electric HVAC	yes	N/G	Feb 21, 2012
2 3 0	john	macpherson	jmacpherson@1125maburyrd.com	N/G	discovery bay	ca	N/C	94505	BrunsBelmont	self	N/G	Feb 21, 2012
2 2 9	James	Mainz	jmainz@gvtc.com	1007 Indigo Run	Bulverde	TX	N/C	78163	Environmental Energy Services	Company	N/G	Feb 17, 2012

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2 2 8	Rhett	Major	theenergydoctor@comcast.net	11357 Guffey Rillton	Irwin	Pennsylvania	N/C	15642-971	The Energy Doctor	company	<a href="#">View</a>	Feb 17, 2012
2 2 7	Moises	Maldonado	rockslanger5150@hotmail.com	N/G	Anaheim	CA	N/C	92861	Best Cheer Stone	Self	N/G	Feb 10, 2012
2 2 6	Shawnt	Maleky	thermocline@live.com	N/G	La Crescenta	California	N/C	91214	Los Angeles Duct Testing	Company	N/G	Feb 21, 2012
2 2 5	dave	marquez	dialonesonshine@sbcglobal.net	10537 dale ave.	stanton	california	N/C	90680	dialone sonshine plumbing-heating- air conditioning & electrical	company	<a href="#">View</a>	Feb 21, 2012
2 2 4	Reginald	Martin	reginald.rjhc@verizon.net	N/G	victorville	California	N/C	92395	R. J. Heating & Cooling	Company	N/G	Feb 21, 2012
2 2 3	Ron	Mathias	ronmathias@wightons.com	183 Prado Rd San Luis Obispo	San Luis Obispo	CA	N/C	93401	Wighton's Inc.	Wighton's Inc.	N/G	Feb 20, 2012
2 2 2	Dan	Maudlin	danmaudlin@mchsi.com	N/G	Burlington	Iowa	N/C	52601	Building Comfort & Controls	Both	N/G	Feb 17, 2012
2 2 1	David	Mayorga	dmayorga@circulatingair.com	11361 haskell ave	granada hills	ca	N/C	91344	Circulating Air	company	N/G	Feb 23, 2012
2 2 0	Brian	Mc Dermott	bbpgr777@hotmail.com	2271 Gady Rd.	Adrian	Michigan	N/C	49221	Brian's Plbg. & Htg. Co.	Company	<a href="#">View</a>	Feb 17, 2012
2 1 9	Geoffrey	McCain	geoff@gmcontracting.com	1748 40th Street	Sacramento	CA	N/C	95819	GMC Contracting	Company	<a href="#">View</a>	Feb 22, 2012
2 1 8	Sean	McCarthy	seanmccarthyism@gmail.com	N/G	Huntington Beach	Ca	N/C	92646	student	Self	N/G	Feb 12, 2012
2 1 7	Walter	McCauley	wmccauley@utabinc.com	N/G	Nashville	Tn	N/C	37211	United Testing & Balancing Inc	self	<a href="#">View</a>	Feb 17, 2012
2 1 6	Mel	McCleskey	budmcc73@yahoo.com	12127 Jones Maltsberger	San Antonio	texas	N/C	78247	Airstar Heating and A/C	Self	<a href="#">View</a>	Feb 17, 2012
2 1 5	Matthew	McConaughy	matt@bryanth eatandair.com	1350 east las tunas dr	San Gabriel	Ca	N/C	91776	Bryant heating and air	Company	N/G	Feb 17, 2012
2 1 4	Patrick	McDonald	pmcdonald@a-1serviceinc.com	7373 South 6th Street	Oak Creek	Wisconsin	N/C	53154	A-1 Services, Inc.	Company	N/G	Feb 21, 2012

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213	Matthew	McElhenny	machtcl1@verizon.net	N/G	Erie	Pennsylvania	N/C	16505	Matt McElhenny Heating & AC Service	Company and Self	N/G	Feb 19, 2012
212	Bryan	McIntyre	bryan@firstchoiceheat.com	N/G	Fenton	MI	N/C	48430	First Choice Heating & Cooling	Company	N/G	Feb 22, 2012
2111	Tami	McKnight	tsmcknight@charter.net	N/G	Nipomo	CA	N/C	93444	Valpak of Central Coast of CA	Self	N/G	Feb 20, 2012
2110	Tim	McMahon	tim@lomalandaheatair.com	N/G	Redlands	CA	N/C	92373	Loma Linda Heat & Air Conditioning	Company	N/G	Feb 21, 2012
2109	Todd	McNevin	toddmcnevin@aol.com	110 Nelson Blvd.	Montrose	MN.	N/C	55363	City View Plumbing & Heating Inc.	Self	N/G	Feb 17, 2012
2108	Jonathan	Melchi	jmelchi@hardinet.org	N/G	Columbus	OH	N/C	43026	Heating, Air-Conditioning & Refrigeration Distributors International	Trade Association	N/G	Feb 20, 2012
2107	John	Midgette	climatecntjohn@gmail.com	115 staton street	Fruitland	Maryland	N/C	21826	1st Service Refrigeration	1st Service Refrigeration	<a href="#">View</a>	Feb 22, 2012
2106	George	Miklos	georgem@ncihvac.com	10 Tudor Ave.	Bedford	Ohio	N/C	44146	Natioal Comfort Institute	self	N/G	Feb 20, 2012
2105	Kathy	Miller	balanceairhvac@gmail.com	N/G	Lakewood	Co	N/C	80228	Balance Air HVAC	Company	N/G	Feb 17, 2012
2104	Randy	Miller	rmiller@ranckinc.com	2541 Marietta ave	Lancaaster	Pa	N/C	17601	Robert H Ranck Inc	Company	N/G	Feb 17, 2012
2103	Ryan	Miller	rmrhino@gmail.com	53 Chestnut Drive	Elkton	Maryland	N/C	21921	Restaurant Ventilation Design	Company	<a href="#">View</a>	Feb 18, 2012
2102	Brian	Miller	brian@peakhvac.com	N/G	Highland Heights	ky	N/C	41076	Peak Heating and Air	self	N/G	Feb 23, 2012
2101	Joseph	Millett	jmillettdsons@charter.net	1 Hastings Ave	Millbury	Massachusetts	N/C	01527	J. Millett & Sons, Inc.	President of J. Millett & Sons, Inc.	N/G	Feb 23, 2012
2100	Mike	Mindorff	mike@marchmech.com	N/G	Milton	Ontario	N/C	L9T3Z3	M.A.R.C..C.H. CLIMATECAR E	BOTH	<a href="#">View</a>	Feb 22, 2012
1999	Ryan	Mindorff	rmindorff@hotmail.com	N/G	Milton	Ontario	N/C	L9t3z3	MARCH	Self	N/G	Feb 22, 2012
1998	paul	mingham	paul@pmmech.com	23991 Arlington ave	Torrance	CA	N/C	90501	P & M Mechanical inc	Company	<a href="#">View</a>	Feb 21, 2012

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197	Rob	Minnick	rob@minnicks.net	5200 Minnick Rd	Laurel	MD	N/C	20707	Minnick's	Minnick's	N/G	Feb 22, 2012
196	marty	mirand	marty@energwise.com	N/G	long beach	ca	N/C	90808	EnerGwise	self	<a href="#">View</a>	Feb 22, 2012
195	Paul	Momchilovich	paul@amhtg.com	N/G	Woodville	WI	N/C	54028	A. M. Heating and Cooling LLC	self	<a href="#">View</a>	Feb 22, 2012
194	Steve	Morin	aabcairoftexas@comcast.net	N/G	Houston	Texas	N/C	77017	A-ABC Air of Texas	Company	N/G	Feb 19, 2012
193	Blaine	Morris	elaine-morris@verizon.net	N/G	Garland	Texas	N/C	75043	Morris Test & Balance	Self	N/G	Feb 19, 2012
192	Jose	Morua	crownairmechanical@cox.net	1163 Broadway #230	El Cajon	California	N/C	92021	Crown Air Mechanical, Inc.	Company	N/G	Feb 20, 2012
191	Alex	Moser	iamsheltieguy@gmail.com	N/G	East Bend	NC	N/C	27018	self	self	N/G	Feb 18, 2012
190	Walter	Mott	walter@deansshop.com	PO Box 10	Staples	Tx	N/C	78670	Dean's Shop	Company	N/G	Feb 22, 2012
189	RAM	MOTUPALLI	rmotupalli@msn.com	N/G	Brea	CA	N/C	91765	IHACI	Self	N/G	Feb 21, 2012
188	James	Mulvihill	jmulvih@yahoo.com	N/G	Simi Valley	Ca.	N/C	93065	James Mulvihill	self	N/G	Feb 21, 2012
187	Max	Myers	mmyers9658@aol.com	958 East Walnut	Frankfort	IN	N/C	46041	Ldi Mfg	Self	N/G	Feb 17, 2012
186	Marty	Napier	martynapier@yahoo.com	N/G	Polkton	NC	N/C	28135	Anson Mechanical Services, Inc.	Company	N/G	Feb 19, 2012
185	Donn	Nay	dnay@pmchvac.com	14120 Live Oak Ave Suite A-1	Baldwin Park	CA	N/C	91706	Pacific Mechanical Contractors	Company	N/G	Feb 21, 2012
184	Alan	Neilson	b.neilson@us-ac.com	N/G	City of Industry	California	N/C	91748	U.S. Air Conditioning Distributors	Self	N/G	Feb 20, 2012
183	Harold	Nelson	hnelson@mingleddorffs.com	N/G	Norcross	GA	N/C	30092	Mingledorff's, Inc.	Self	<a href="#">View</a>	Feb 19, 2012
182	Henry	Newsom	henrynewsom@me.com	N/G	Houston	Texas	N/C	77571	Hallmark	Self	N/G	Feb 17, 2012
181	arthur	nielson	bk4765@hotmail.com	3120 silver saddle dr.	lake havasu city	az	N/C	86406	self	self	<a href="#">View</a>	Feb 21, 2012



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1 8 0	Jason	Nikkel	info@jncomfort.com	2379 Adams Town Road	Bowersville	Georgia	N/C	30516	JN Electrical Temperature Control, Inc.	NCI	N/G	Feb 23, 2012
1 7 9	Mark	Norenberg	marknorenberg@aol.com	N/G	Louisville	KY	N/C	40218	ACCA	self	N/G	Feb 19, 2012
1 7 8	Donald	O'Brien	dobrien@owensco.com	930 E 80th st	Bloomington	MN	N/C	56011	Owens Companies Inc	Self	N/G	Feb 17, 2012
1 7 7	Kevin	O'Neill	koneill@sc.rr.com	711 Luttie Rd	Myrtle Beach	SC	N/C	29588	O'Neill Bagwell Cooling & Heating	Company	<a href="#">View</a>	Feb 21, 2012
1 7 6	Luis	Ochoa	ricsheatingandair@sbcglobal.net	936 N. Enterprise St.	Orange	Ca.	N/C	92867	Luis & Rics Heating & Air	Self	N/G	Feb 23, 2012
1 7 5	Manuel	Ortiz	bes HVAC1@gmail.com	80197 Avenida Linda Vista	Indio	Riverside County	N/C	92203	Balanced Energy Systems Mechanical Contractor	Self Employed	<a href="#">View</a>	Feb 21, 2012
1 7 4	Paul	Osterhues	paul_osterhues@hotmail.com	N/G	Santa Clarita	ca	N/C	91355	AMI	company	N/G	Feb 22, 2012
1 7 3	David	Ostrowski	dost@peqsmechanical.com	N/G	Carbondale	PA	N/C	18407	PEQS Mechanical	company	<a href="#">View</a>	Feb 18, 2012
1 7 2	John	Owens	john@owensco.com	6201 Spruce Rd	Edina	MN	N/C	55343	Owens Companies Inc.	Company	N/G	Feb 17, 2012
1 7 1	Gonzalo	Padilla	gonzalo0067@gmail.com	N/G	San Leandro	CA	N/C	94577	Berkeley Lawrence Lab	Self	N/G	Feb 20, 2012
1 7 0	Sean	Pagel	pagel418@hotmail.com	N/G	San Bernardino	Ca	N/C	92407	Pagel Service Co.	Self	N/G	Feb 21, 2012
1 6 9	gabriel	palermo	gabepalermo@yahoo.com	2 west judith drive	hammorton	NJ	N/C	08037	LOCAL UNION #322	SELF	N/G	Feb 17, 2012
1 6 8	Michael	Palmer	mpalmer@krauss-company.com	6110 126th Ave. No.	Largo	Fl.	N/C	33773	Krauss Company	Company	<a href="#">View</a>	Feb 23, 2012
1 6 7	Phillip	Paquin	phil@1800coolness.com	4677 Shetland Ln	Riverside	CA	N/C	92509	1-800-COOLNESS	self	N/G	Feb 21, 2012
1 6 6	Thomas	Patterson	rater@aciservices.com	P.O Box 580367	Elk Grove	California	N/C	95758	ACIS	Company	<a href="#">View</a>	Feb 17, 2012
1 6 5	Sam	Patterson	spatt@cableone.net	N/G	Payette	Idaho	N/C	83661	McCrea Heating and Plumbing	Self	N/G	Feb 21, 2012

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1 6 4	Leonel	Payan	abdc.leo@gmail.com	N/G	Miami	Florida	N/C	33182	Air Balance and Diagnostic Company	Company	N/G	Feb 17, 2012
1 6 3	James	Pelkey	jppjr@sbcglobal.net	N/G	Yorba Linda	Ca.	N/C	92886	Adalante Air Co. Inc.	Company	<a href="#">View</a>	Feb 21, 2012
1 6 2	Mark	Peterson	prez@paradisearnaples.com	N/G	Naples	Florida	N/C	34105	Paradise air services, inc	Company	N/G	Feb 22, 2012
1 6 1	Kevin	Pfaehler	kevin@peakhvac.com	N/G	Newport	Ky	N/C	41071	Peak Heating and Air Inc.	company	N/G	Feb 23, 2012
1 6 0	Tammy	Phan	custsvc@lomalindaheatair.com	N/G	Redlands	CA	N/C	92373	Loma Linda Heat & Air Conditioning	Company	N/G	Feb 21, 2012
1 5 9	Charles	Phelan	chuck@acfixr.com	8420 E. Bogota Pl.	Tucson	AZ	N/C	85715	Chuck Phelans HVAC	Chuck Phelans HVAC	<a href="#">View</a>	Feb 22, 2012
1 5 8	Daniel	Philipps	dphilipps@northampton.edu	N/G	Bethlehem	PA	N/C	18020	Northampton Community college	Self	N/G	Feb 18, 2012
1 5 7	Tim	Phillips	tim@tlphillips.com	N/G	Campbell Hall	NY	N/C	10916	TL Phillips Enterprise	Company	N/G	Feb 18, 2012
1 5 6	don	pico	mainst66@verizon.net	10222 Halawa Drive	Huntington	CA	N/C	92646-290	pico energy systems	company	<a href="#">View</a>	Feb 21, 2012
1 5 5	Michael	Pinkus	mpinkus@social.rr.com	6062 Larchwood Dr.	Huntington Beach	California	N/C	92647	AAA A/C Best Service	AAA A/C Best Service	N/G	Feb 18, 2012
1 5 4	Brenda	Pirrone	pirroneb@pirrones.net	420 Hudgins Road	Fredericksburg	Virginia	N/C	22408	Pirrone's Heating & Cooling, Inc.	Company	<a href="#">View</a>	Feb 17, 2012
1 5 3	Tracy	Poe	tpoe@circulatingair.com	29053 Dune Lane #205	Canyon Country	California	N/C	91387	Circulating Air	Company	<a href="#">View</a>	Feb 22, 2012
1 5 2	Paul	Polsinelli	paul_polsinelli@yahoo.com	N/G	Carson	CA	N/C	90746	Brownson Technical School	Self	N/G	Feb 21, 2012
1 5 1	cutberto	ponce	cutberto.ponce@westin.com	71333 dinah shore dr	rancho mirage	ca	N/C	92270	Westin Mission Hills Reort	myself	N/G	Feb 21, 2012
1 5 0	greg	powers	gregpowers@maxwellhvac.com	N/G	Carrollton	georgia	N/C	30117	maxwell htg & clg	company	N/G	Feb 20, 2012
1 4 9	Michael	Pruner	mpruner@patriotairsystems.com	5251 Verdugo Way, Suite H	Camarillo	CA	N/C	93012	Patriot Air Systems, Inc.	Company	<a href="#">View</a>	Feb 21, 2012

#	First Name	Surname	Email	Address	Town/City	S/C/P	Region	Zip/PC	Custom Field 1	Custom Field 2	Comments	Date
1 4 8	james	puckett	ccomfortdesign@aol.com	p o box 7385	charlotte	nc	N/C	28241	comfort design inc. heating and air conditioning	company	<a href="#">View</a>	Feb 19, 2012
1 4 7	Jeff	Purcell	jeffpurcellair@gmail.com	N/G	Anaheim	California	N/C	92806	Purcell Air Conditioning, Inc.	Company	N/G	Feb 21, 2012
1 4 6	John	Puryear	japhvac7@gmail.com	N/G	Amelia Court House	VA	N/C	23002	National Comfort Institute	self	N/G	Feb 22, 2012
1 4 5	Tom	Pyle	2thom2@comcast.net	N/G	Griffin	Ga.	N/C	30223	WBS,inc	organization	<a href="#">View</a>	Feb 22, 2012
1 4 4	Judy	Rachel	info@greenachers.com	N/G	North Hollywood	California	N/C	91601	Green Achers Sustainable Solutions	Company, organization & self	<a href="#">View</a>	Feb 18, 2012
1 4 3	Cherise	Rader	cherise.rader@netzero.com	N/G	Orange county	Ca	N/C	92804	Brownson Technical	Self	N/G	Feb 17, 2012
1 4 2	Jude	Raspino	jgraspino@yahoo.com	N/G	Metairie	Louisiana	N/C	70006	Stuart Services	Company	N/G	Feb 17, 2012
1 4 1	Quan	Rawls	quan_rawls@merck.com	921 Ardmore Drive	Durham NC	North Carolina	N/C	27713	Merck	company	N/G	Feb 20, 2012
1 4 0	Carl	Ray	araycarl@yahoo.com	N/G	Bakersfield	Ca	N/C	93301	Rays mobile maintenance	Company	N/G	Feb 17, 2012
1 3 9	RUDY	REDONDO	redondo4@verizon.net	N/G	PICO RIVERA	CA	N/C	90660	RUDY REDONDO	YES	N/G	Feb 22, 2012
1 3 8	Timothy	Reeder	tim@buildinggeek.com	N/G	Crandon	WI	N/C	54520	Building Performance Solutions	Self	N/G	Feb 17, 2012
1 3 7	Dan	Reeter	drnytech@yahoo.com	N/G	Castle Rock	CO	N/C	80104	Nytech Heating and Cooling	Company	N/G	Feb 22, 2012
1 3 6	Thom	Reif	thom@coilmenplus.com	N/G	Lawndale	CA	N/C	90260	Coilmen Plus	Company	N/G	Feb 21, 2012
1 3 5	David	Renegar	drenegar@accessupply.com	5801 South Loop East	Houston	TX	N/C	77033	ACES AC Supply	Self	<a href="#">View</a>	Feb 22, 2012
1 3 4	Jack	Reynolds	jack@grandoakshvac.com	82 Clairen Dr.	Foristell	mo	N/C	63348	Grand Oaks Heating and A/C	self	<a href="#">View</a>	Feb 23, 2012
1 3 3	David	Richardson	davidr@ncihvac.com	N/G	Lawrenceburg	Kentucky	N/C	40342	National Comfort Institute	self	N/G	Feb 14, 2012

#	FirstName	Surname	Email	Address	Town/City	S/C/P	Region	Zip/PC	Custom Field 1	Custom Field 2	Comm	Date
1 3 2	Gary	Richardson	gary@rareser vice.com	N/G	Clovis	CA	N/C	93612	Rare Service Heating and Air Conditioning, Inc.	California HERS Raters	<a href="#">View</a>	Feb 22, 2012
1 3 1	Jerry	Richey	jrichey@circul atingair.com	1109 w. Columbia Way	Lancaster	CA	N/C	93534	Circualting Air, Inc.	Representing	N/G	Feb 22, 2012
1 3 0	Rich	Richmond	rich4837@hot mail.com	N/G	Helena	Monta na	N/C	59602	Government	Self	N/G	Feb 22, 2012
1 2 9	john	rioux	jriouxa2@gma il.com	603 robin	ann arbor	mi	N/C	48103	bpi	self	N/G	Feb 22, 2012
1 2 8	james	roberts	wizardofcomfo rt@aol.com	N/G	jasper	tn	N/C	37347	service now	company	N/G	Feb 17, 2012
1 2 7	Steve	Roberts	steve_roberts @sbcglobal.n et	234 S. Douglas Ave	Springfield	OH	N/C	45505	SAR Heating	self	N/G	Feb 19, 2012
1 2 6	Ken	Robinson	ken@4climate pro.com	11278 Los Alamitos Blvd. #336	Los Alamitos	CA	N/C	90720	Climate Pro Mechanical	Company	N/G	Jan 28, 2012
1 2 5	Hector	Rodriguez	actechservice @yahoo.com	15721 sw 109th ave	miami	florida	N/C	33157	Air Conditioning Technical Service Corp.	yes	N/G	Feb 23, 2012
1 2 4	Gregg	Roelofson	girollie@yaho o.com	6408 Vienna Pl	Bakersfiel d	Ca	N/C	93306	Smwia Local 105	Circulating Air Inc	N/G	Feb 23, 2012
1 2 3	Louie	Romo	lrv14x@earthli nk.net	N/G	Whittier	Califor nia	N/C	90603	LR Rating Services	self	N/G	Feb 17, 2012
1 2 2	Lee	Rosenberg	lee@rosenber ghvac.com	4335 Vance Jackson Road	San Antonio	Texas	N/C	78230	Rosenberg Indoor Comfort	Company	N/G	Feb 17, 2012
1 2 1	Julio	Ruiz	julioeru@swb ell.net	418 Otter Dr.	San Antonio	TEXA S	N/C	78227	Insco Distributing, Inc.	Self	N/G	Feb 18, 2012
1 2 0	Tom	Rundle	trundle@wolff bros.com	6078 Wolff Rd.	Medina	Ohio	N/C	44256	Wolff Bros. Supply Inc.	self	N/G	Feb 20, 2012
1 1 9	Charles	Rush	charles@herm eticrush.com	38 Old Hwy 49 Ext	Jackson	Missis sippi	N/C	39232	Hermetic Rush Services	Company	N/G	Feb 18, 2012
1 1 8	Steve	Russell	srussell@sho emakerac.com	N/G	Tulsa	Oklah oma	N/C	74115	Shoemaker Air Conditioning	Self	N/G	Feb 20, 2012
1 1 7	J. S.	Russell	igc.stevetr@g mail.com	N/G	Tulsa	Okla	N/C	74115	Russell Service Company	Company	N/G	Feb 23, 2012

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1 1 6	Matthew	Ryan	mryn8327@gmail.com	N/G	Charlotte	NC	N/C	28203	EF	Self	N/G	Feb 20, 2012
1 1 5	Ralph	sACHA	rsachs@albermarleheating.com	102 Keystone Place	Charlottesville	Virginia	N/C	22902	Albermarle Heating & Air	Organization	N/G	Feb 22, 2012
1 1 4	Ralph	Sagasser	ralph_sagasser@acushnetgo.com	N/G	Carlsbad	Ca.	N/C	92010	Acushnet	Self	N/G	Feb 22, 2012
1 1 3	Selena	Salazar	momma_sal@yahoo.com	N/G	San Fernando	California	N/C	91340	Circulating Air	Company	N/G	Feb 22, 2012
1 1 2	Geoff	Sanborn	geoff@sanbornsac.com	415 E High Ave	Redlands	calif.	N/C	92374	Sanborn's Westcoast Mechanical	Company & Self	N/G	Feb 18, 2012
1 1 1	Miguel	Sanchez	miguel@billhowe.com	1364 Morena Blvd	San Diego	CA	N/C	92110	Bill Howe Plumbing Heating & Air	HVAC Dept. Manager (represent company)	N/G	Feb 21, 2012
1 1 0	Michelle	Scales	iwantindoorcomfort@yahoo.com	511 S. Harbor Blvd, Unit N	La Habra	CA	N/C	90631	Indoor Comfort Air Conditioning & Heating, Inc.	company	<a href="#">View</a>	Feb 21, 2012
1 0 9	Jason	Scheurer	jason@bestconsultant.org	6672 Park Avenue	Garden Grove	California	N/C	92845	Buildings Energy Science Training	Buildings Energy Science Training	N/G	Feb 13, 2012
1 0 8	Mike	Schneider	mike@322cool.com	N/G	Bakersfield	CA	N/C	93309	Oasis Air Conditioning	Oasis Air Conditioning	N/G	Feb 22, 2012
1 0 7	JACK	SCHROLL	gt350jack@yahoo.com	N/G	WALNUT CREEK	CA	N/C	94597	MOSTLY MUSTANGS	SELF	N/G	Feb 22, 2012
1 0 6	Kevin	Schumann	kevin@comfort-central.com	253 Timberlane Drive	Pisgah Forest	North Carolina	N/C	28768	Comfort Central	Company	N/G	Feb 17, 2012
1 0 5	Laurie	Schumann	laurie@comfort-central.com	253 Timberlane Dr	Pisgah Forest	North Carolina	N/C	28768	Comfort Central, Inc.	Comfort Central, Inc.	N/G	Feb 18, 2012
1 0 4	Steven	Schunk	schunk@geneeseo.edu	3904 River Road	Piffard	NY	N/C	14454	Suny Geneseo	self	<a href="#">View</a>	Feb 19, 2012
1 0 3	Steve	Scott	sscott@comforttechnology.com	N/G	Dryden	NY	N/C	13053	Comfort Technology	Comfort Technology	<a href="#">View</a>	Feb 22, 2012
1 0 2	lino	serna	nuairehvac@sbglobal.net	N/G	corona	ca	N/C	92879	nu aire heating	self	<a href="#">View</a>	Feb 22, 2012
1 0 1	Stephen	Seufert	steve.seufert@johnstonesupply.com	N/G	Sun Valley	Ca	N/C	91352	Johnstone Supply	Company	N/G	Feb 21, 2012

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100	Chris	Shafer	chrisatpaceac@aol.com	N/G	Longview	Tx	N/C	75604	Alford & Pace A/C & Heating Inc	company	N/G	Feb 20, 2012
99	Milton	Sharpe	milton.sharpe@att.net	N/G	Newport Beach	Ca	N/C	92657	Air Treatment	Self	N/G	Feb 17, 2012
98	serge	shevchuk	serges300@gmail.com	8040 sunburst ct.	antelope	ca	N/C	95843	mainstream mechanical inc.	contractor	N/G	Feb 18, 2012
97	danny	sides	dannys@af1ac.com	10226 plano rd 104	dallas	tx	N/C	75238	air force one ac	all	<a href="#">View</a>	Feb 17, 2012
96	Leroy	Sloan	leroy Sloan@bellsouth.net	N/G	Birmingham	Alabama	N/C	35242	Green Home Alabama, LLC	Green Home Alabama, LLC	N/G	Feb 17, 2012
95	jonathan	smith	jonathan@effectiveair.com	2033 johns ct	glenview	il	N/C	60025	effective air inc	my company	N/G	Feb 17, 2012
94	Matthew W	Smith	matthew@smithheating-air.com	1150 N. Filbert Street	Stockton	California	N/C	95205	Smith Heating & Air Conditioning, Inc.	Company	<a href="#">View</a>	Feb 17, 2012
93	Douglas	Smith	doug@ramrefrigeration.com	N/G	North Las Vegas	Nevada	N/C	89030	Ram Refrigeration & A/C, Inc.	Company	<a href="#">View</a>	Feb 17, 2012
92	Ron	Smith	airproarron@sbcglobal.net	N/G	Fort Smith	Arkansas	N/C	72903	Air-Pro heating & Air Conditioning Inc.	Company	N/G	Feb 20, 2012
91	Michael A.	Smith	michael@airsmiths.net	4101 Garden Hwy.	Sacramento	Ca	N/C	95834	Airsmiths-Building & Home Performance	Company	<a href="#">View</a>	Feb 20, 2012
90	Shirley	Smith	shirley@countywideservice.com	N/G	San Antonio	Texas	N/C	78238	County Wide Service Co.	company	N/G	Feb 21, 2012
89	Jeffrey	Snow	jeff@hammondservices.com	N/G	Griffin	Ga., Spaulding County	N/C	30223	Hammond Services Inc.	company	N/G	Feb 18, 2012
88	James	Snyder	jmsct110@yahoo.com	N/G	Stevens	PA	N/C	17578	Haller Ent. Inc.	Company and myself	N/G	Feb 22, 2012
87	Nick	Solheim	designedcomfort@sbcglobal.net	N/G	Oconomowoc	WI	N/C	53066	Designed Mechanical Inc.	company and self	N/G	Feb 17, 2012
86	Stanley	Souders	stansouders@yahoo.com	N/G	Wrightwood	Calif.	N/C	92397	Howard Industries	Self	N/G	Feb 19, 2012

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85	Thomas	Spall	geotom67@gmail.com	N/G	Carbondale	Pa	N/C	18407	T E Spall & Son Inc	Self	<a href="#">View</a>	Feb 22, 2012
84	Bill	Spohn	bill@trutechtools.com	N/G	Akron	OH	N/C	44319	TruTech Tools, LTD	Company and self	<a href="#">View</a>	Feb 19, 2012
83	Gary	Standley	ikestandley@gmail.com	306 W. Byrd Blvd.	Universal City	Texas	N/C	78148	Agee's Service Company	Company	N/G	Feb 20, 2012
82	William	Stanton	bilystanton@gmail.com	N/G	Campbell	CA	N/C	95008	Residential Heating and A/C, Inc	Company	N/G	Feb 22, 2012
81	Steve	Stauffer	stauffermechanical@verizon.net	N/G	Hatboro	PA	N/C	19040	Stauffer's One Hour Heating & Air Conditioning	Company	N/G	Feb 19, 2012
80	Morris	Steeley	steeley1@earthlink.net	802 Park Ave	Copperas Cove	Texas	N/C	76522	Steeley's Service Company	Company	<a href="#">View</a>	Feb 19, 2012
79	Murray	Stevens	tstevens@rottiers-sales.com	N/G	Reedley	CA	N/C	93654	Rottiers Sales Associates	Company	<a href="#">View</a>	Feb 22, 2012
78	Dan	Stockton	papaservice@netscape.net	204 Humphrey Blvd.	Gastonia	North Carolina	N/C	28052	Bobs Heating and A/C	both	<a href="#">View</a>	Feb 20, 2012
77	ulf	strandjord	ulfac@verizon.net	72788 sierra vista dr.	palm desert	ca.	N/C	92260	ulf strandjord htg. & ac inc.	self	N/G	Feb 21, 2012
76	Joe	Strickler	rescowh@aol.com	435 6th Street SW	Winter Haven	FL	N/C	33880	True Test & Balance	company	<a href="#">View</a>	Feb 22, 2012
75	Scott	Strong	scott_strong@sbcglobal.net	29641 South Western Avenue, #208	Rancho Palos Verdes	California	N/C	90275	Self	Self	<a href="#">View</a>	Feb 21, 2012
74	Jeff	Sturgeon	jeffsturgeon@att.net	1049 e. palmyra	orange	California	N/C	92866	DGL A/C & Heating IHACI	ALL	<a href="#">View</a>	Feb 17, 2012
73	Rob	Summerlin	allstar681@cs.com	N/G	Hurst	Texas	N/C	76054	AC & Heat Solutions	Self	N/G	Feb 22, 2012
72	Mike	Sumner	sumnermike@aol.com	N/G	Bakersfield	Ca	N/C	93314	Central valley raters	Company	<a href="#">View</a>	Feb 17, 2012
71	Matthew	Sy	matthewsy@comfortsystemsllc.com	matthewsy@comfortsystemsllc.com	Rock Hill	SC	N/C	29732	Comfort Systems	both	N/G	Feb 22, 2012
70	Chris	Tabone	chris@resiheat.com	N/G	Campbell	CA	N/C	95008	Residential Energy Pros	Self	N/G	Feb 22, 2012

#	FirstName	Surname	Email	Address	Town/City	S/C/P	Region	Zip/PC	Custom Field 1	Custom Field 2	Comm	Date
69	John	Taylor	jtaylor@peci.org	15150 Genova court	Chino Hills	California	N/C	91709	PECI	Self	N/G	Feb 13, 2012
68	Buck	Taylor	buck_taylor@hotmail.com	N/G	Madison	Connecticut	N/C	06443	Roltay Inc. Energy Services	All	<a href="#">View</a>	Feb 20, 2012
67	Dale	Taylor	dale@justcalldales.com	5707 Main St	Ooltewah	TN	N/C	37363	Dale's Heating and Air Inc	yes	N/G	Feb 20, 2012
66	TERRY LEE	TAYLOR	lencohvac@gmail.com	N/G	Los Angeles	CA.	N/C	90064	LENCO AIR CONDITIONING SERVICE INC.	CO.	N/G	Feb 22, 2012
65	Terry	Terebessy	tjt@btcontrols.com	27500 Witch Creek Mountain Rd	Ramona	CA	N/C	92065	BT Controls, LLC	Company	<a href="#">View</a>	Feb 18, 2012
64	John	Thalman III	tinker@basicservicesinc.com	1610 Ruffs Mill Rd.	Bel Air	MD	N/C	21015	Basic Services, Inc.	Company	N/G	Feb 23, 2012
63	Sean	Thomas	thomasdt12@gmail.com	N/G	vacaville	ca	N/C	95687	ibm	self	N/G	Feb 18, 2012
62	Christine	Thomason	christine@metroenv.com	857 E. Main Street	Lewisville	tx	N/C	75057	Metro Environmental Services Co.	Company	<a href="#">View</a>	Feb 22, 2012
61	Jodi	Thomsen	jthomsen@comfortmatters.com	N/G	Hanover	MN	N/C	55341	Comfort Matters Htg. & Clg., Inc.	Company	N/G	Feb 23, 2012
60	John	Thomson	jsbcthomson@cox.net	N/G	Rancho Santa Margarita	CA	N/C	92688	RSES	Self	N/G	Feb 04, 2012
59	Brent	Timothy	brent@pinksdx.com	919 E 200 N	Roosevelt	UT	N/C	84066	PINK'S	Company	N/G	Feb 17, 2012
58	Clay	Tomerlin	clay@cenergize.com	N/G	San Antonio	Tx	N/C	78230	Cenergize	Company	<a href="#">View</a>	Feb 18, 2012
57	Terese	Towey	ttowey@circulatingair.com	22020 Galvez Street	Woodland Hills	CA	N/C	91364	Circulating Air, Inc.	Self	N/G	Feb 22, 2012
56	Minh	Tran	lavang158@yahoo.com	8748 Belladona Road	Riverside	CA	N/C	92508	LAVANG CONTROLS	company	N/G	Feb 21, 2012
55	Matthew	Tripp	mattrippapc@yahoo.com	N/G	Hooper	Ut	N/C	84315	Schneider electric	Self	<a href="#">View</a>	Feb 17, 2012
54	Janette	Tripp	trippfam@gmail.com	N/G	Hooper	Utah	N/C	84315	Apc	Self	N/G	Feb 17, 2012



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53	Larry	Tufford	letufford@yahoo.com	N/G	Austin	Texas	N/C	78681	Wise Energy	Company	N/G	Feb 17, 2012
52	Dan	Tyranowski	danski0224@aol.com	N/G	Bolingbrook	IL	N/C	60440	DFT Services	Self	N/G	Feb 21, 2012
51	Steve	Vannoy	stevev@ncihvac.com	N/G	Sheffield Lake	OH	N/C	44126	National Comfort Institute	Company	N/G	Feb 20, 2012
50	Angel	Vargas	vargasair@gmail.com	N/G	Los angeles	California	N/C	90044	Vargas air	Self	N/G	Feb 16, 2012
49	Steven	Vasa	capitolrating@surewest.net	N/G	Sacramento	CA	N/C	95864	Capitol Rating Service	Self & Company	<a href="#">View</a>	Feb 17, 2012
48	Gregory	Vickers	gvickers@gsvshvac.com	913 Greenwood	Glenview	IL	N/C	60025	GV'S Heating & Cooling Inc.	Company	N/G	Feb 20, 2012
47	Richard	Villasenor	richard@intercityenergy.com	12252 MC Cann Dr	Santa Fe Springs	Calif	N/C	90670	Inter City Energy Systems	Company	N/G	Feb 22, 2012
46	Don	Vinardi	vinardis@ckt.net	125 E. Prairie	Girard	Kansas	N/C	66743	Vinardi Heating And Cooling	SelfGMVR	N/G	Feb 18, 2012
45	chuck	visnic	energyi@pacbell.net	1015 E. Chapman Ave Suite 205	Fullerton	CA	N/C	92831	Energy Ipacts	Company	<a href="#">View</a>	Feb 21, 2012
44	Miles	Volsch	miles@lomaindaheatair.com	N/G	Redlands	CA	N/C	92373	Loma Linda Heat & Air Conditioning	Company	N/G	Feb 21, 2012
43	paul	wadsworth	paul@pkwadsworth.com	34280 solon rd	cleveland	ohio	N/C	44139	p k wadsworth heating and cooling inc.	both	N/G	Feb 20, 2012
42	Steven	Waldman	ectsi@yahoo.com	21 Camelot Drive	Farmingdale	NJ	N/C	07727	Temp Tech LLC	Self	N/G	Feb 17, 2012
41	ivan	walsh	ivanwalsh1@gmail.com	23411 summerfield 45a	aliso viejo	California	N/C	92656	n/a	self	N/G	Feb 03, 2012
40	Phillip	Ward	flynnheating@msn.com	N/G	VALLEY	NE	N/C	68064	fLYNN hEATING And A/C	company	N/G	Feb 18, 2012
39	Larry	Waters	larrywaters@yahoo.com	185 MIDVALE	Vacaville	Ca	N/C	95687	A-1guaranteed htg and air	Self and company	<a href="#">View</a>	Feb 17, 2012
38	eric	watson	mwatson16so cal.rr.com	N/G	Granada Hills	CA	N/C	91344	Universal Studios	Universal Studios	N/G	Feb 21, 2012

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37	Aden	Watts	awatts@alliedenergy.org	4900 Hopyard Road, Suite 100	Pleasanton	California	N/C	94588	Allied Energy Solutions	Allied Energy Solutions	<a href="#">View</a>	Feb 21, 2012
36	James	Weaver	james.weaver@ventura.org	1445 Church St.	Ventura	Ca.	N/C	93001	County Of Ventura	Self	N/G	Feb 22, 2012
35	Brian	Weerts	bpsmi@powercom.net	651 North Avenue	Hartland	WI	N/C	53029	B & P Sheet Metal, Inc.	Company	<a href="#">View</a>	Feb 17, 2012
34	andrew	weidman	aweidman89@gmail.com	37864 magnolia lane	avon	ohio	N/C	44011	national comfort institute	company	N/G	Feb 22, 2012
33	Vicki	Weidmann	vweid64@att.net	3433 W. Del Monte Dr. #201	Anaheim	CA	N/C	92804	None	Self	N/G	Feb 21, 2012
32	Karen	Weidmann	krwtoyota@verizon.net	5509 Pearce Ave	Lakewood	CA	N/C	90712	Self	Self	N/G	Feb 21, 2012
31	John	Weiford	jyford48@hotmail.com	N/G	Buena Park	CA	N/C	90620	retired	self	N/G	Feb 22, 2012
30	John	Wenzel	jwenzel@circulatingair.com	7337 Varna Ave	North Hollywood	CA	N/C	91605	Circulating Air, Inc.	Self	N/G	Feb 22, 2012
29	Karen	West	wkdbwest3@aol.com	1330 E Georgia Rd.	Woodruff	South Carolina	N/C	29388	Self	Self	<a href="#">View</a>	Feb 17, 2012
28	Jeff	Wheat	jwheat@wheatandsons.com	7834 Beechcraft Ave.	Gaithersburg	Maryland	N/C	20879	James A. Wheat & Sons, Inc.	Company	N/G	Feb 22, 2012
27	David	Wheaton	dwheaton@ueitest.com	N/G	Beaverton	OR	N/C	97008	UEi	UEi	N/G	Feb 21, 2012
26	Mark	Wheeler	mark@mtwdesign.com	6021 12th St E, Suite 204	Fife	WA	N/C	98424	MTW Design Services	Self & Company	N/G	Feb 17, 2012
25	Felix	Widjaya	cofelixco@hotmail.com	914 Starcrest Dr.	Glendora	CA	N/C	91740	IHACI	IHACI	N/G	Feb 21, 2012
24	Chris	Wieboldt	chris@tradesmanair.com	N/G	Elm Mott	Texas	N/C	76640	Tradesman Services, LTD	Company	<a href="#">View</a>	Feb 22, 2012
23	ROY	WIEDERKEHR	rww20_77346@yahoo.com	N/G	Humble	Tx.	N/C	77346	Aces A/C Supply	self	N/G	Feb 22, 2012
22	william	wiles	bill.wileshvac@gmail.com	12800 bradbury ave	smithsburg	maryland	N/C	21783	McCrea	Company	N/G	Feb 17, 2012
21	Bobby	Wilkins	bob@wmshvac.com	300 River Road # 101	Manchester	NH	N/C	03104	Wilkins Mechanical Services, Inc.	Company	N/G	Feb 20, 2012

#	FirstName	Surname	Email	Address	Town/City	S/C/P	Region	Zip/PC	Custom Field 1	Custom Field 2	Comm	Date
20	Richard	Williams	richard@comfortok.com	N/G	Oklahoma City	OK	N/C	73105	Comfort Incorporated	organization	N/G	Feb 18, 2012
19	stan	williams	tristarac@att.net	218 e. kingsbury st.	seguin	tx.	N/C	78155	tri star a/c & heating	co.	N/G	Feb 22, 2012
18	Robert	Williamson	rwilli12@sbcglobal.net	10344 1/2 riverside Dr.	Toluca Lake	Ca	N/C	91602	Circulating Air	Circulating Air	N/G	Feb 22, 2012
17	Will	Winchester	will.winchester@pvair.com	2416 Donella Ct	Fort Collins	CO	N/C	80524	Poudre Valley Air	Company	N/G	Feb 20, 2012
16	Mary	Winston	marywinston@hotmail.com	760 Brookfield Drive	Reno	NV	N/C	89503	Energy Masters	Company/Self	<a href="#">View</a>	Feb 17, 2012
15	Ernst	Wintter	skip@callthegeneral.com	41203 Broadmoor Drive	Indio	California	N/C	92203	General Air Conditioning & Heating	Company and Self	N/G	Feb 20, 2012
14	John	Wise	wise_jf@hotmail.com	910 NE 7th St	Antlers	OK	N/C	74523	Wise Heat and Air	self	<a href="#">View</a>	Feb 17, 2012
13	Dean	Witmore	dwitmore@southernairhvac.com	N/G	Norwood	NC	N/C	28128	Southernair Heating and Air Conditioning	Company	<a href="#">View</a>	Feb 19, 2012
12	Darl	Works	dworks@performanceab.net	1313 Markley Drive	Largo	FL	N/C	33770	Performance Air Balancing, Inc.	Company	N/G	Feb 21, 2012
11	vivian	wukmir	functionalvw@aol.com	N/G	el monte	ca	N/C	91732	wukmir htg and air cond co	self	N/G	Feb 17, 2012
10	vivian	wukmir	wukmir1@pacbell.net	N/G	el monte	calif	N/C	91731	wukmir heating and air cond co	company	N/G	Feb 21, 2012
9	ivan	wukmir	wukmir1@pacbell.net	N/G	el monte	ca	N/C	91732	james wukmir co inc	company	N/G	Feb 22, 2012
8	Gregory	Wurtz	gwurtz@gregservice.com	N/G	Freeland	Michigan	N/C	48623	Greg's Service Inc	Company	N/G	Feb 20, 2012
7	Randy	Wynyard	randy.wynyard@galarson.com	N/G	Appleton	Wi, outagamie,	N/C	54942	Gustave a Larson	Myself	N/G	Feb 23, 2012
6	Joe	Ybarra	jybarra@aramendia.com	N/G	San Antonio	Texas	N/C	78233	Aramendia Heating & Air	Yes	<a href="#">View</a>	Feb 20, 2012
5	Ken	Ynzunza	kenynz@gmail.com	N/G	Chino Hills	Ca	N/C	91709	IHACI	Self	N/G	Feb 19, 2012
4	Daniel	York	dcyork@truvisita.net	N/G	Richburg	SC	N/C	29729	Quality Heating & Air	Company	N/G	Feb 17, 2012

#	FirstName	Surname	Email	Address	Town/City	S/C/P	Region	Zip/PC	Custom Field 1	Custom Field 2	Comm€	Date
3	Aaron	York, Sr.	ayorksr@indy.rr.com	7123 Sunnybrook Blvd	Englewood	FL	N/C	34224	York's Quality Education & Training	Company	<a href="#">View</a>	Feb 18, 2012
2	Roman	Zaretsky	roman@yzi-hvac.com	N/G	Santa Ana	CA	N/C	92708	Yardley-Zaretsky Inc	Company	N/G	Feb 17, 2012
1	Jim	Ziegler	jimz@customaire.com	N/G	Bensalem	PA	N/C	19020	Custom Aire	Self	N/G	Feb 23, 2012

\* N/C - field not collected by the author

\* N/G - not given by the signer

\* S/C/P - State, County or Province

\* PC - Post Code

\* Custom Field 1: Name of your organization or company

\* Custom Field 2: Are you representing a company, organization, or self?

\* View - view comment

## Appendix: All signatures comments

**523 Joe Alvarez**

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They need to focus on generating more work not making it harder on us. Customer dont want to pay more. To many law changes.

**520 Forrest Anderson**

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I would urge that the current proposal for Title 24 Air Flow Methodology not be approved as is. I believe there is a major problem. Competitiveness will limited because only one supplier of equipment is available. Whenever that happens abuses within the system are prone to happen and the consumer and the tax payer will be paying more! I think it is very important to have a system that fosters competition - lower costs for consumers and contractors

**517 Arthur Annas**

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We need to keep open the use of all current and future technologies for testing and data collection on buildings. Reducing the testing equipment reduces our ability to collect and provide accurate data to our clients and to agencies that use this information for present and future innovations.

**511 thomas baker**

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People need to wake up and start taking real tests in real world scenarios. testing things in labs are not the same as testing stuff in a leaky 100 year old house or a new tightened up house. this airflow measuring is crap and all the test equipment involved will have to be purchased from 1 manufacturer. I say it again, these airflow measurements are not accurate!

**506 Stanley Barge**

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Please do not adopt these menial measures as they only measure duct leakage not actual deliverable flow rates.

**499 Danny Bauder**

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I am also a certified air balance, I question how measuring aiflow exchanges in surgical rooms in hospitals , we use flowhoods as an acceptable method of measuring air. Obviously, air exchange in a surgery is critical to avoid infection. So its accepted and affective in such a critical environment, but its argued to be accepted in a residential/ commercial structure. Sounds more political than logical to me!

**494 James Bergmann**

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This needs a ot more work!

**484 Richard Booth**

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This proposal to invalidate all of the existing flow-hoods is simply unacceptable. How can somebody in the HVAC industry with every more stringent controls and rules (unfortunately not followed by about 90% of the residential change-outs and fixes), have any hope of surviving financially with such unfortunately thought out rule changes.

**480 John Boylan**

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I've worked as a BPI certified building analyst for 2 years and a NCI certified air diagnostic and balancing specialist for 10 years. Please rethink this policy and promote proven methods that support the contractors that have invested in proven technology and are already working hard to make real measureable improvements to the energy consumption,

safety and comfort of homes and businesses alike. Please don't waste our money reinventing the wheel. sincerely John Boylan, NCI certified technician

**478 Stephen Boynton**

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This program will only drive up the cost to the builders and home owners.

**477 Thomas Branch**

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There are already proven measurement and extrapolative methods that are accurate and affordable to test for air balancing. It is as reliable as ohms law is for electricians. If you know the free area and the velocity of the air through the free area, both the static pressure and quantity of air can be determined.

**476 Justin Bright**

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More technically trained individuals with experience in the industry need to be involved in the formation of these regulations. There are several flaws that will increase the costs of installation to the point that contractors will not be able to compete with those not pulling permits.

**475 john briscoe**

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This change will eliminate professional accurate balancing. It will compromise the intent of engineered systems to provide proper delivery of comfort and oxygen to people.

**473 Andrew Brlétrick**

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sounds like the people who proposed this know very little about air balancing

**472 William Brown**

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This is an outrageous situation that has every appearance of impropriety, by Energy Conservatory.

**468 Roger Buckner**

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i have spent a lot of time and money for me and my fifteen employees to do our job right. this measure is going to do damage to our industry that we have been trying to bring out of the dark ages. please rethink what you about to do, this send us backwards not foward

**465 Craig Campbell**

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Airwest, Inc. is a performance Air Conditioning and Heating contractor in Southern California and SCE - Quality Installation Platinum contractor. Limiting our abilities to properly commission and verify system performance by ELIMINATING proven methods in favor of unproven methods with questionable reliability is ill-advised and can only result in inadequate data. Only through the use of multiple test and recording methods can TRUE data be identified.

**464 Bill Campbell**

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To require a change to ridiculously questionable methods of measuring air flow when well proven methods that can be substantiated would be another example of government bureaucracy making decisions that affect we the people without one shred of intelligence.

**460 Paul Carlino**

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More monopolies given to specific companies, like the duct blaster. There is no reason a tradition flow hood, magnahelic, and anemometers cannot be used. This is a sham. Typical failed procedures, and policies put in place by non technical non field people, to the detriment of our trade. Why are we paying legislators to come up with programs to benefit their "friends"

**456 Michael Carson**

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Energy commission should focus on just get the new standards enforced before making any more rules. The people they are hiring should be used for enforcement and education instead dreaming up more rules for their mere existence.

**449 patrick ceballos**

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I have 25 years field experience. Utilizing a fan powered hood that can only read 300 cfm is ridiculous and states that whomever is writing these rules has no idea what they are talking about. The established methods work pretty good and can be cross checked in 2 or 3 different ways.

**445 Bennie Mac Chesteen**

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WHY IN THE WORLD WHEN ENERGY COST ARE SO HIGH .....WOULD WE DEGRADE THE SKILLS AND TESTS NEEDED TO INSURE PUBLIC HEALTH AND WELFARE

Bennie Mac Chesteen

**444 Bryan Chvarak**

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As a BAS and TAB Engineer with more than 10 years experience in controls and balancing, I can see no merit whatsoever in what is being proposed by the State. If fact, it would appear to stifle competition, reduce the accuracy and credibility of TAB reports. An instrument which can only measure up to 300 CFM is just about worthless. It would barely measure a 5" VAV output to a single diffuser.

**439 David Colton**

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Please re-evaluated the flaws and inaccuracies in your proposed standards for airflow measurement. It would take very little effort for a NCI trained technician to demonstrate for you the different methods and the different results. You would then see the reason we see this new legislation as a step in the wrong direction.

**437 Robert Conner**

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Your just driving more contractors to try to skirt the rules it's already bad enough.

**436 Wayne Connor**

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Our job is tough enough in this economy. We do not need additional costs for new tools or need additional red tape.

**434 Tom Corcoran**

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Delivered,measured energy efficiency to important for you to screw this up. Better testing methods are being used everyday by my company. You need to get this one right. Send whomever came up with this nonsense to an NCI test and balance class or whole house diagnosis. You may actually learn something. i can be contacted @ 847-397-5888

**426 Al D'Ambola**

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As a certified baalncer the key to testing airflow using different techniques and instruments is REPEATABILITY! With a flow range of 300 cfm how do you plan on testing a central return grille that is returning airflow greater than 300 cfm?

Anyone aside from the manufacture tested it using TAB standards?I read an article about 10 years ago that stated the best way to measure airflow was to use a plastic bag and a stop watch then you could calculate cfm. So sad for CA!

**424 John Dalton**

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Another example of government forcing changes in an industry they DON'T understand, DON'T work in, and NOT giving us an alternate method other than a powered hood that only measures 300 CFM.....

Give me a break, on second though, give our industry a break!

**423 Matthew Day**

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The measures being considered will dramatically effect the accuracy and ability for HVAC technicians to test airflow. Pressure matching and fan powered flow hoods can effect the fan performance and give false readings; flow grids are inherently inaccurate. As a performance contractor we have made considerable investment into the correct tools to measure accurately, these measures could render them obsolete for the wrong reasons.

**421 Robert Decker**

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Please stop this over regulation of my trade. It's hard enough to get our clients to permit their work and any added costs just helps the unlicensed guys and shady contractors. As our costs go up we loose work to scum bag contractors.

**419 Burney DeMaine**

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This should be reconsidered

**415 David DeRose**

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The only real way to test airflow is with a live actual test of the system with air balance instruments. All other ways are not only not accurate but will not provide any indication of the actual efficiency of a system.

**412 Ralph Doak**

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I find it appalling to force certain instruments and manufacturers of those instruments on contractors to use versus other instruments and manufacturers.

The idea is to test and conserve energy.

**408 DAN DUARTE**

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WE USE A FLOW HOOD FOR OUR OWN AIR BALANCING IT IS AGREAT RELIABLE TOOL AND IS A ASSET INSTEAD OF PROMOTING YOU WILL PENALIZE THOSE WHO HAVE MADE INVESTMENTS TO IMPROVE OUR TRADE THIS IS NOT POSITIVE PROGRESS

**401 James Eichman**

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This would be a foolish change. The hoods are more accurrate and less susceptable to user error.

**400 John Ellis**

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Flow hoods are field provin to be accurate and easy for the majority of techs. to use.

**398 Blayne Epps**

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There is no need to change the current title 24's.

**395 Rob Falke**

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The proposed change in Title 24 to accept this new test instrument and disallow the existing hoods that have been accepted by the CEC and the industry for decades is unreasonable. What is reasonable is to add this new hood to the existing industry proven test instruments that field practitioners currently own and utilize.

**394 Brad Falke**

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My company has used the TSI Accubalance Air Flow Hood for many years to successfully diagnose and renovate duct systems here in California. This method is tried and true and customer approved. We have tested many systems that have been supposedly deemed "efficient" by the CUC to find that they were severely lacking. For the record, many CUC approved systems test out at only 60% efficiency. After we do additional work these same systems will test out at upwards of 90% . Keep the flow hood!!!!

**393 Gary Farajian**

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Creating another undo burden on our struggling industry

**390 Ken Field**

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The passive measurement method is adequately accurate for all intents and purposes and has been in use long enough to prove that fact. There is not enough evidence to show that a change would be a change for the better and therefore no change is warranted.

**389 Alan Fisher**

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These new proposals are unreliable and will lead to a failure of what is desired.

**385 Ronald Ford**

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The proposed new guidelines are ridiculous and will cost the homeowner billions of dollars, totally a waste

**384 Richard Foster**

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California has got to change its panel of experts who are trying to change standard industry norms.

**381 Glenn Frank**

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Let the industry determine the best way to do their job.

**380 Steve Fraser, CMS**

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This modified airflow measurement requirement will place an undue financial burden on the industry and facilities management.

**375 Don Gallagher**

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The existing method has always worked!

**374 clay gandha**

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the way test & measure with the conventional equipment better result than new equipment active flow ,  
so we dont have to purchase another equipment for the some or less effective result

**373 CHRIS GANIMIAN**

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i HAVE USED FLOW HOOD FOR MANY YEARS DOING qc WORK FOR SOUTHERN CALIFORNIA EDISON AND FOR PRIVATE COMPANIES AND HOMEOWNERS AND HAVE FOUND THEM TO BE ACCURATE WHEN USED AS DESIGNED, I HAVE DONE MANY COMPARISONS WITH OTHER APPROVED INSTRUMENTS AND HAVE FOUND CONSISTENCY IN THE MEASUREMENTS

**372 George Garcia**

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Please delay a harsh modification to Title 24 requirements and consider the adverse business ramifications to limiting to one powered flow hood air flow measuring devices, manufactured by the Energy Conservatory. The California Energy Commission needs to work with HVAC industry professionals on finding a solution, without bankrupting good hard working and tax paying Citizens.

**364 Jeff Giesbrecht**

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There are other tests that are proven to save energy and should be recognized. Also other methods of testing have proven to be more effective at saving energy!

**363 David Gill**

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The duct testing that we do now has involved thousands of dollars invested in both schools and equipment. When do the citizens of California get to day enough.

Our duct testing procedures are the best there are.

Enough is enough.

**354 Joe Gorman**

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Air Balancing is required in nearly every facet of HVAC system optimization. WHY ON EARTH WOULD WE WANT TO THROW IT OUT THE DOOR AND PERFORM TESTING WITH LESS THAN ADEQUATE TOOLS THAT WILL NOT WORK ON MOST CALIFORNIA APPLICATIONS AND INSTALLATIONS? By the way, I am also BPI Certified. I always choose my air balancing training to prove and test system performance!

**353 Steve Granger**

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We have had to many changes to our industry in this bad economic time. It has raised prices to much to fast. It's hard for the honest contractor to stay in business. We have had to already purchase a lot of expensive equipment just to stay in business. Here we go again. Look at the price of R22 and what this will do to homeowners.

**352 David Grant**

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I am a HERS Rater and a HVAC contractor. I have my flow hood calibrated annually. The hood cost me over \$2000. and if this passes that makes it a two thousand dollar doorstop. There are hundreds of raters who have invested in the flow hood because of the CEC and now you want us to trash these tools and buy one that is inferior and unusable in most applications. Please allow flow hoods in the 2013 regulations.

Thank you  
David Grant

**351 Michael Greany**

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I do not support the intentions of the commission. This will have a negative impact on my business.

**348 Michael Griffin**

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We need more measuring devices, not less

What is the accuracy of the Temp Split method? How do you tell the difference between 300 CFM per ton and 350 CFM per ton? You can tell the difference with the flow hood.

Are we catering to the No-HVAC experience, used to be a mortgage banker, new HERS Rater?

**344 Cathy Haire**

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We have recently made a substantial investment expanding into the growing home performance industry. We have invested in thousands of dollars in tools and researched tried and true solutions. To require a new higher cost tool to do the same job as a proven flowhood would be a burden on our resources.

**343 Glenn Haller, PE**

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Eliminating existing balancing hoods does not make any sense.

**340 Russell Harju**

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Forcing a tool onto contractor's is not a fix that is not realistic. Education is a must to ensuring proper working A/C systems. Once the system is properly understood only then can it be properly fixed. Many methods will likely need to be used because every single HVAC system is custom and not one method will work on all of them. This means many tools with different functions will be necessary.

**338 Robert Harper**

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more socialism attempting to hand everything over to unions.

**336 Aaron Hastings**

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Not all tradesmen are capable, not all air balancing is done correctly. So too not all legislation is thoughtful, and not all engineers have touched the things they design. Please take a close look at this regulation, and restore the role of science and practicality to the process of Testing and Balancing.

**332 TOM HAWKINSON**

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THIS PROVISION HAS SO MANY FLAWS. TRYING TO IMPROVE TESTING WITHOUT CURRENT TESTING EQUIPMENT KNOWLEDGE AND KNOWING THE CONSEQUENCES TO THE AVERAGE HOMEOWNER AND CONTRACTOR SEEMS UNREASONABLE.

**330 Mitch Haynam**

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It's already hard enough to do business in this state with all the regulations! Please do not add any more!!

**328 Robert Helbing**

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The single most serious obstacle to the energy savings we hope to receive from T24 is the fact that the vast majority of the work done today is not done to the existing standards. Very few contractors find it possible to comply with current rules due to their complexity and difficulty.

Forcing contractors to use expensive and inappropriate testing tools makes further compliance more costly and less effective. Spending money on gadgets sure to fail makes absolutely no sense at all.

**320 Terry Hickmann**

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I see very little gain in forcing this change and should not be mandatory.

**310 Jack Hoseman**

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we have great success with traditional testing strategies..our main claim to fame is fixing problems relating to airflow

**309 Arthur Houston**

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Let's not ruin a working system and make it worse and non-working.

**308 Raymond HUBBELL**

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The flow hood in my opinion is a very useful and accurate tool for measuring air flow.

**306 Jerry Huelsenbeck**

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I agree with this petition.

**299 william irvin**

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new require limits cfm range and duct capture sizing

**298 William Irvine**

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As I and other CA HERS raters have a substantial investment in existing approved flow hoods. Alternate methods substantially increase the labor involved and the purchase of a powered hood is a further burden financial on our industry. Increased costs further burden struggling homeowners unable to finance HVAC replacements due to economic circumstances.

This is another example of overly burdensome govt. regulations!

**294 Francisco Javier Jimenez**

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Please let the experienced contractors and technicians currently in the field determine the best tool for the job.

**290 Craig Johnson**

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You are taking the HVAC industry back 30 years by changing the method of testing.

**289 Scott Johnson**

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The HVACR and related trades need a wide variety of diagnostic tools and instruments to measure and document generated and delivered HVAC equipment capacity.

Please leave appropriate TSI, Alnor and Shortridge passive balometer models in the code.

Adding the FlowBlaster to the arsenal is a good thing to do, but not at the expense of the traditional tried and trued instruments referenced above.

In addition, other methods of measuring airflow, backed by industry standard fundamentals should be added.

**288 Chris Johnson**

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We as a company are wholeheartedly against the new T-24 "Methods for airflow measurement" update. Restriction of a Capture Flowhood (Passive) for measuring airflow is ludicrous. This is a tool that most air conditioning and balancing companies own and use to measure accurate airflow up to 2500cfm. How can this new powered fan design measure with a maximum of 300cfm and a 16"x16" hood? Listen to the professionals when it comes to airflow measurement.

**287 Thomas Johnson**

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Please vote no on this mandate. The tools and procedures specified are simply not accurate and/or proven techniques

**276 shawn kennedy**

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stand with nci

**275 Jerome Kennihan**

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Please review standard practices before making changes that may not work.

**273 Bob Kessener**

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Does government really believe that an entire industry needs government commission oversight, and that a government commission can decide more clearly than "We the People" as to proper testing methods? This is more evidence of government failure.

**270 Eric Kjelshus**

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I have a flow plate on high SP systems is 30-40% off. It only works on very low flow systems.

**269 warren Kjelshus**

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I have been doing test and balance for some 30 yr most do it wrong or do not care

**268 Bob Kler**

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The HVAC industry has used and needs to continue to use the tried and true tools of the trade for diagnostics and testing. Like any other tool that is used improperly the results can be used or manipulated either accidentally or intentionally. That is why the testing agencies have QA Depts. to identify the abusers and educate them or discipline them as is appropriate. Let's continue to support organizations like CalCERTs and NCI who are striving to educate the users and punish the abusers.

**265 David Kohoutek**

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You need to know what you are doing before creating new codes!

**263 Garry Krahling**

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Stop trying to re-invent the wheel. Leave air balance up to the professionals the test and prove in the field.

**262 Gary Krautkramer**

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We have used the flowhood for over 20 years in which it is a highly accurate method for checking airflow. Supply and return, removing its eligibility for testing does not make sense and we feel would be a mistake Gary Krautkramer President Air Vista Inc

**258 Arvil Lambert**

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We need to keep govt out of our industry of which they know nothing. There are wrong ways and right ways and govt does not have the right or the knowledge to determine which is the right way.

**254 Eric Lanser**

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I don't believe this is the proper way to test duct system performance.

**253 Neil Larson**

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As Both a General Contractor and Building Performance Contractor, I find it repulsive that the state would consider changing a test protocol that gives complete and accurate data for a system that is inaccurate and leaves contractors that have made a significant financial and educational investment sitting around with advanced equipment that can no longer be used. Who is profiting from this? Not anyone with a real interest in energy efficiency. My opinion is that someone is getting paid off.

**250 Nick Laushkin**

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This change should not be done. It is not supported by either manufacturers, contractors or the industry. There is no significant added value to change a well established procedure that yields good results.

**247 Patricia Leiser**

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The HVACR Professionals we work with have voiced concern that changing the current Balancing Hood will have a detrimental impact on home owners. Especially those who are actively trying to improve the energy performance of their buildings.

**246 gary lemcke**

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Stop regulating/increasing cost, 95% are capable a/c businesses, target the unlicense and fly by night companies

**245 Robert Lemley**

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This is going in the wrong direction when it comes to the Public's Interest.

**244 adrian lesley**

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The techniques provided are very narrow minded and should be re evaluated.

**242 Anthony Lilly**

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This would be the biggest mistake you make

**241 Don Lindhardt**

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This bill is blatantly being pushed by manufacturers and users of air flow equipment and methods with highly questionable authenticity. Their air flow measurements are not more accurate and absolutely not more efficient. Their marketing however appears to be very effective.

**238 Stephen Loeza**

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Please afford me the opportunity to have a choice of the equipment/tools necessary to do a good job.

**234 Dearcy Long**[Back to signature list](#)

As a contractor, a educator, a consumer and someone who knows a lot about air flow and the importance of it...in regards to heating, air conditioning, and ventilation. The industry is improving, Do Not Set it Back by passing laws that ONLY Regress the progress already made.

**232 Jeremy Lowe**[Back to signature list](#)

This bill is a monopoly for one equipment manufacturer, a financial burden on many contractors for the added equipment, and better results would be had by educating contractors and consumers as to the benefits of proper airflow and duct design. To force this change for a possible 3% increase in measurement efficiency is not good government

**228 Rhett Major**[Back to signature list](#)

Having used a number of methods to measure airflow, I see the various limitations to each type. I have tested True flow, duct blaster, and heat rise measurements on the same air handler, and got three wildly different measurements. I am not sure I trust any method's accuracy. Let's use some industry proven methods to compare these new methods against.

**225 dave marquez**[Back to signature list](#)

Let us not remove, as this is big part of making sure the efficiency of equipment &I what the customer is paying for is not compromised.

**220 Brian Mc Dermott**[Back to signature list](#)

Allow other measuring standards, such as ACCA out lines in Manual B .

**219 Geoffrey McCain**[Back to signature list](#)

This is an outrage! Have the people that spend there careers measuring air been consulted? There are two sides to every story and once again it appears that the interests of a few "experts" that have the ear of the State of California Energy Commission are pushing an agenda that disregards the science developed by people who are in the field measuring air flow daily and delivering comfort results to their customers. I request the commission look at balancing work done by other organizations.

**217 Walter McCauley**[Back to signature list](#)

not a very good method measure airflows

**216 Mel McCleskey**[Back to signature list](#)

Consumers and contractors have no need to be limited on the type of testing they choose to be used. It should be left up to the journeyman contractor and the consumer to decide, not a bunch of bureaucratic engineers who THINK they know what method is best, It is an exhausting thought of all of these laws being changed, its like little kids making rules for a new game they want to play.. just get on with the game, life is too short for so many stupid rules.

**207 John Midgette**[Back to signature list](#)

Why would a bill be passed that would allow energy consumption to increase due to a bill that is passed that eliminates the use of correct airflow instruments? Its completely against the goal of the entire world to reduce energy consumption. We are the professionals, let us make the decision on this...and if there is currently input from someone in the field then they are not doing their job correctly.

**203 Ryan Miller**

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NOTHING SHOULD BE MANDATORY, EVERY PERSON OR COMPANY SHOULD BE ABLE TO DECIDE WHICH OPTION IS BEST FOR THEM.

**200 Mike Mindorff**

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USE NCI PROTOCOLS AND RECOMMENDED TESTING EQUIPMENT

**198 paul mingham**

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more burocratic B.S.

Who's buddy owns the company that manufactures the ONLY hood that would work!

**196 marty mirand**

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Its already expensive enough to be a rater and the equipment we need to have and now what do I do with a \$2500 flow hood for a new piece of equipment that can only read up to 300cfm and does not have any tract record in field like TSI. I seems the CEC is troubled within. The first fiasco with Cheers causing a monopoly in the industry, now with a flow hood. Come on guys what is the goal here. Is it truely energy efficiency or someones back pocket!!!!

**195 Paul Momchilovich**

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Need to reconsider this action

**183 Harold Nelson**

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We need to stop such as this type of regulation which continues to handcuff our industry.

**181 arthur nielson**

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lawful, licensed contractors/sub-contractors should be afforded protection from illegal, non-licensed business practices.

**177 Kevin O'Neill**

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Flow hoods and annemometers are recognized as effective and accurate air measurement instruments. Flow grids are only made by one or two companies and would have to be different for every brand and most models. The chance of getting accurate measurements in most tests is very low. Stick with the tried and true instruments. Stay away from single source instruments.

**175 Manuel Ortiz**

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Stay with the Flow Hood! Ive used the flow hood since 1980 and it woks very well.

**173 David Ostrowski**

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The California Energy Commissions Title 24-2013 takes the efficiency of a HVAC system as a whole, backwards. Utilizing this style of testing deletes much needed information to show the system is operating at it's design capacity and effeciency.

**168 Michael Palmer**

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I ask the California Energy Commission (CEC) to look seriously into the financial and accuracy of this issue



**166 Thomas Patterson**

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Eliminating the Air Flow Hood option is ridiculous, and therefore negates the idea of true testing and energy efficiency.

**163 James Pelkey**

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Why throw out the tools that have been recognized by the Four test and balance associations for the last 60 plus years? testing and balancing capture hoods have a wider more utilitarian function than the duct blaster approach or the the "head ache" pressure matching method. Please do not remove tools or set up limitation to achieve the goal for performance.

**159 Charles Phelan**

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More information is needed about the different style hoods.

**156 don pico**

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revisit title 24

**154 Brenda Pirrone**

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Title 24 will wreak serious havoc in our industry. We like to be accurate in our knowledge and skill and this is not a true measure of airflow performance.

**153 Tracy Poe**

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It's disturbing knowing Energy Conservatory bought someone at the California Energy Commission to propose such a foolish change. Shame on both of you

**149 Michael Pruner**

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This is not a viable alteration to the method of air flow measurement.

**148 james puckett**

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We already have enough bad control.

**145 Tom Pyle**

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I cannot see how that the intended legislation is in the the best interest of the consumer.

**144 Judy Rachel**

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With new ECM motors I am unable to do Plenum Pressure Matching. The flow grid does not fit the majority of filter slots in the real world. Flow hoods when used correctly have low inaccuracy rates. The powered flow hood is cumbersome, heavy and will not necessarily fit over every grille due to the crazy places HVAC contractors put the grilles and the sizes they choose so it will not necessarily be a more accurate measurement than the "passive" flow hoods.

**135 David Renegar**

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Performance verification must include instrumentation and methodology that is proven in repeatable accuracy and that can be implemented efficiently. Proposed approach and instrumentation have not been approved and verified. Please revise your proposed plan of action.

**134 Jack Reynolds**[Back to signature list](#)

reconsider changing the testing procedure to something more cumbersome and less accurate than the current system

**132 Gary Richardson**[Back to signature list](#)

As a HERS Rater attempting to measure the air flow of a 5 ton system with the plenum pressure matching system I have not been successful matching the A/H pressure with the duct blaster pressure. There is not enough capacity in the blaster to match the pressure of the A/H fan motor of a 5 ton unit.

**110 Michelle Scales**[Back to signature list](#)

Govt regulations has hit the HVAC industry hard these past few years. They are making it near to impossible for licensed contractors to compete with unlicensed contractors. The additional cost in order to comply with new regulations are strangling our industry.

**104 Steven Schunk**[Back to signature list](#)

Ventilation systems are very diverse and have unique characteristics per application. It is best for the balancing professional to survey the job, decide which balancing methods are best, and use the best instruments to achieve the most accurate balance report as possible. The above procedures seem rigid and limiting, thereby defeating its purpose of supposed energy savings. This legislation reeks of special interests. Its not a good idea and does little to help the contractor and end user.

**103 Steve Scott**[Back to signature list](#)

We currently have very accurate testing procedures. A new testing procedure isn't needed. More consistent testing is.

**102 lino serna**[Back to signature list](#)

please review the current proposed piece of legislation regarding air flow measurement. Thank you for your consideration . Lino Serna Nu Aire heating and a/c.

**97 danny sides**[Back to signature list](#)

Stop this proposed legislation, these 3 types of airflow measuring and balancing are not acceptable for a true airflow measurement. This will be a disservice to the end user.

**94 Matthew W Smith**[Back to signature list](#)

As a long time California HVAC mechanical contractor, we are strongly opposed to the proposed methods and are asking the CEC to reconsider their recommendation. The proposed testing methods are not realistic and practical in many field conditions and systems.

**93 Douglas Smith**[Back to signature list](#)

Quality Home Performance Contractors use proven methods and equipment to determine system efficiency, duct leakage, etc. We have extensive, effective, and costly training in testing and improving air conditioning systems. To require a new protocol using new and different equipment is a hardship and is unnecessary. Further, the equipment and methods proposed are unproven and questionable.

**91 Michael A. Smith**[Back to signature list](#)

This movement sounds like a tool manufacturer got into someone(s) ear and this is the result. If anyone has actually USED the ONLY available equipment/tools that are being proposed for the only approved methods we WOULD NOT be having this discussion. THEY ARE NOT WORKABLE IN THE REAL WORLD AND THIS PROPOSAL SHOULD NOT BE ALLOW TO GO THRU!! GET WHOEVER THATS REVIEWING THIS TO GET INTO THE FIELD AND ACTUALLY USE THE METHODS/TOOLS AND DISCOVER FOR THEMSELVES THE PROBLEMS THEY PRESENT!!

**85 Thomas Spall**

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These methods will not work.

**84 Bill Spohn**

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The testing that has lead to these "conclusions" needs to be more visible to the public. I have concerns that certain product(s) may have been tested in configurations that are not advised by the manufacturer(s).

**80 Morris Steeley**

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A legislature has no real or applied knowledge to base there desires through government mandates, just the elected position by which there campaigns can be subsidized by a limited industry. Seek advice from the real experts, RSES, ASHRAE, AHRI, ACCA, and all the others that advise and lead the industry, with out being in any ones pocket.

**79 Murray Stevens**

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It appears that there are several limiting factors on the CEC proposed changes that will not work in the field.

**78 Dan Stockton**

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This is just another case of politicians making decisions about things they know nothing about. I feel someone was bought and paid for.

**76 Joe Strickler**

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As a test and balance professional, your proposal is not based on fact or technology. Please get more professional input from organizations such as the National Balancing Council

**75 Scott Strong**

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I applaud the effort of CEC to promote efficiency. You should not be in the business of dictating what tools to use, or what organizations to belong to.

**74 Jeff Sturgeon**

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As a participant in the CA QI, QM, and QS, programs, elimination of the HOOD as an accepted airflow measurement device will cause drastic impacts to not only Contractors, HERS raders, and participants in the ENERGY STAR programs, It will ultimately impact the customer in added costs for performing Air Balancing, verification, commissioning of high efficiency systems

**72 Mike Sumner**

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This equipment is very expensive and if used properly very accurate. If you don't allow the industry to use flow hoods I believe you could be responsible for putting a lot of people out of work.

**68 Buck Taylor**[Back to signature list](#)

Much of Title 24 is becoming too prescriptive - which means it no longer allows free market forces to innovate. Restricted markets mean "Supply and Demand" forces cannot allow the market to reach economic equilibrium - you are driving costs up and the desire to comply down. The methods in code are less accurate than flow hoods in a large percentage of the situations they will be deployed. Contractors need at least 2 diverse methods to measure airflow. PS - what's wrong with Anemometers?

**65 Terry Terebessy**[Back to signature list](#)

As a California Registered Professional Engineer with more than 40 years experience in controls and balancing, I can see no merit whatsoever in what is being proposed by the State. If fact, it would appear to stifle competition, reduce the accuracy and credibility of TAB reports. An instrument which can only measure up to 300 CFM is just about worthless.

**62 Christine Thomason**[Back to signature list](#)

As a quality contractor, I am in favor of properly evaluating and testing HVAC systems. We believe in the value of proper operating static pressures, preventing duct loss, room by room heat loads, proper duct sizing so that the end user receives a system that saves energy and produces all the BTU's they are paying for. However your current means testing will not achieve those results and will only add a layer of unnecessary cost in terms of time and money.

**58 Clay Tomerlin**[Back to signature list](#)

Not all homes are created equal, it would be a mistake to make air balancing easy only for a certain type - leaving out others. Why can't all different types of flow hood testing be considered?

**55 Matthew Tripp**[Back to signature list](#)

It seems like alot of extra expense for not alot of improvement in accuracy.

**49 Steven Vasa**[Back to signature list](#)

I totally agree with everything in this petition.

**45 chuck visnic**[Back to signature list](#)

Air Flow measurements provide necessary information. We need more design and performance data.... not less

**39 Larry Waters**[Back to signature list](#)

Current advanced methods should be utilized tweaking this system will cause the defeat of some qualified contractors and the red tape will only complicate the customers experience and lead to even higher cost to the end user.

**37 Aden Watts**[Back to signature list](#)

I recommend inclusion of a flow hood with conditioner/diffuser screen as a recognized airflow measurement technique under Title 24 rules.

**35 Brian Weerts**[Back to signature list](#)

The 3 methods of testing being considered are examples of either poor research and thought, or someones idea of the nuts running the nut house Lawmakers needs to follow experience of the profession and not this folly. How do they come up with these ideas anyway?

**29 Karen West**

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This is not a proven method of measurement and must not become a law. Cost to small business' will outweigh the benefits. Could cost jobs in an already struggling economy.

**24 Chris Wieboldt**

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As decisions made in the State of California often effect other states, I ask that they make a balanced decision in this matter by giving serious consideration to HVAC industry professionals and organizations who have chosen to operate outside the jurisdiction of union based organizations. The skill and craftsmanship excersised by these professionals, the success they have had in the industry and the quality of their work merits giving them a voice in this matter. Hear them out.

**16 Mary Winston**

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The proposal does nothing to improve HVAC performance while increasing contractor expenses and creating a monopoly for one company.

**14 John Wise**

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Air balancing is best left to industry professionals. Not to mention the proposed tests are not the best method of checking the duct work.

**13 Dean Witmore**

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If the government wants to impose these expensive additions to our already high overhead burdened businesses then they shouldn't mind providing grant money for us to use to tool up in order to meet their demands.

**6 Joe Ybarra**

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Flowhood method is the ONLY way to go.

**3 Aaron York, Sr.**

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Please reconsider your proposed bill and tailor it to the research and proven testing such as the validation used at The National Comfort Institute. It has been proven reliable, practical and most effective.