

ICC Chapter of the Year—2011

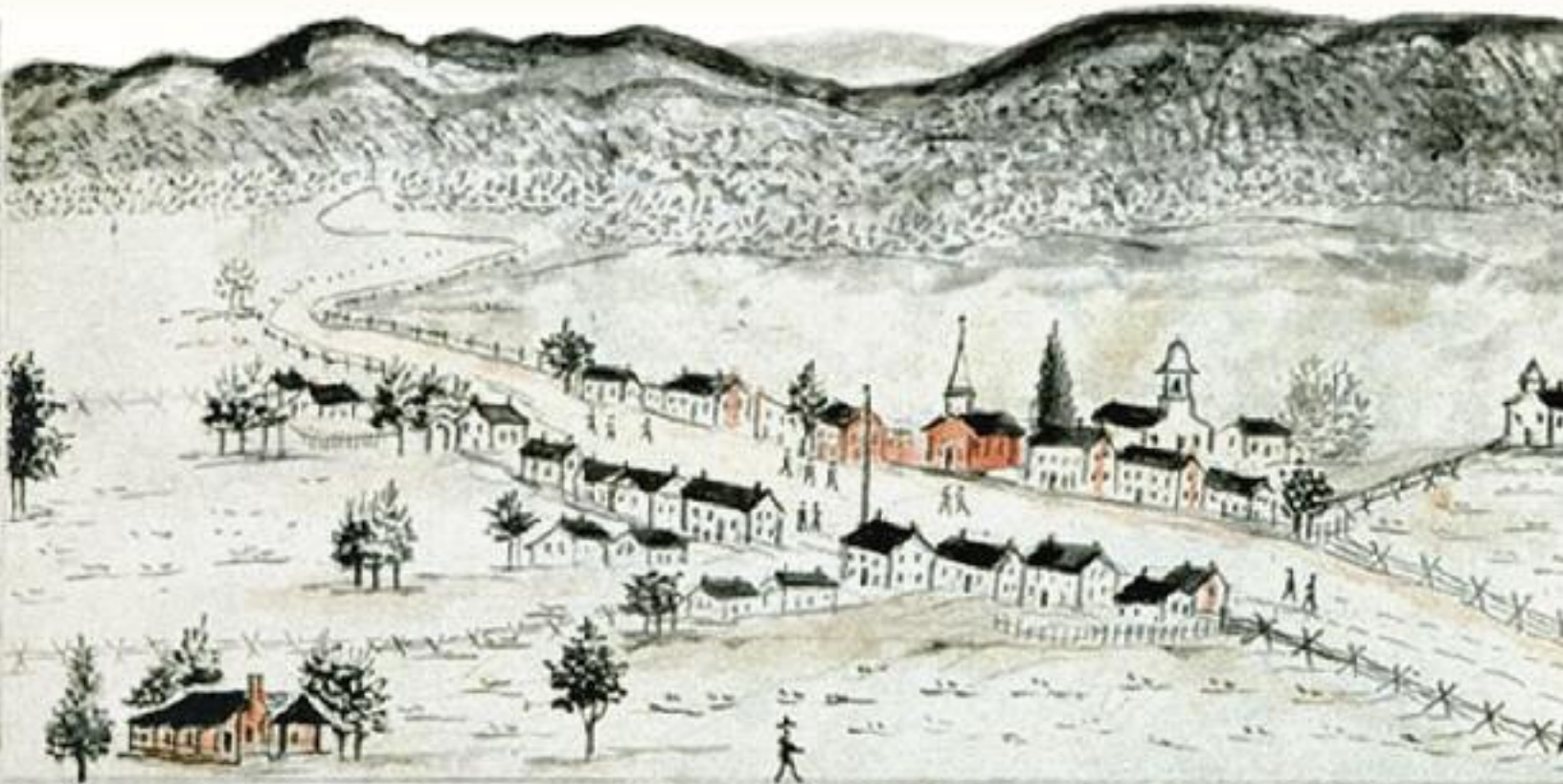
WPMIA



49th Annual School of Instruction

March 28-30, 2012
Blacksburg, Virginia

And it all began in Blacksburg...



*Blacksburg, a small village, nine miles from Christiansburg
in Montgomery County, to the north, Brush Mountain*

*Some leaks are beautiful, as they are;
for the rest, call...*

the plumbing dr



Fully licensed, bonded and insured — 24 hour emergency service

*Complete Plumbing Repairs
Remodeling, Sewer & Drain Cleaning*

Family Owned and Operated for over 30 Years

The Plumbing Dr. has been honored by **Washingtonian Magazine** and **Consumer Checkbook** as one of the top-rated plumbing services in the region.

1063-B W. Broad Street • Falls Church, VA 22046
Phone: 703.525.9280 • www.theplumbingdr.com



International Code Council
Los Angeles District Office
5360 Workman Mill Road
Whittier, CA 90601
tel: 888.icc.safe (422.7233)
fax: 562.699.4522
www.iccsafe.org

April 2, 2012

Mr. Bane F. Compton, President
Virginia Plumbing & Mechanical Inspectors Association

Dear Mr. Compton and fellow VPMIA Chapter Members,

On behalf of the International Code Council, we congratulate the Virginia Plumbing & Mechanical Inspectors Association on its 50th year anniversary. This milestone represents an industry chapter that is committed to furthering the excellence of the plumbing and mechanical industry and providing its members growth and awareness thru education, training and industry participation. The example you have set should be held high for many others to emulate.

We are proud of our relationship with VPMIA and its members and thank you for your continued commitment, support and leadership in the PMG industry these past 50 years.

We wish you well as you celebrate your anniversary and look forward to continuing to work with you as we keep our industry strong.

Respectfully yours,

Jay Peters
Executive Director, PMG
International Code Council

Shawn Martin
PMG Director of Industry Relations

Lee Clifton
PMG Director of Plumbing
Programs



engineered solutions

FireMaster® FastWrap XL...
...a key ingredient of any
efficient commercial kitchen design

- 2-hour and zero clearance UL and ULC listed for grease and HVAC duct
- FastDoor XL, UL and ULC listed duct access
- Thin and flexible

Morgan Thermal Ceramics

The original, the leader, and still the best!

FireMaster fire protection products from Morgan Thermal Ceramics have been proven and tested in real world and laboratory applications.





WATERFURNACE KNOWS THAT TRAINING MATTERS

Thanks to the 30% federal tax credit, a flood of inexperienced, questionably trained dealers are now offering geothermal. While some companies allow *anyone* to sell their products, WaterFurnace requires an ongoing commitment to the most extensive training and education programs in the industry. WaterFurnace only invests in dealers who are passionate about offering the finest in products and service, and are less concerned with simply being the cheapest. That's why WaterFurnace is the most recognized and respected name in residential geothermal. Or maybe it's because WaterFurnace units use the clean, renewable energy found in your backyard to provide savings up to 70% on heating, cooling and hot water. Or is it thanks to the industry's best warranty? Decide for yourself. For more information, contact the Virginia WaterFurnace Territory Manager nearest to your location... or be prepared to deal with a flood of your own.

YOUR LOCAL WATERFURNACE TERRITORY MANAGERS

Virginia Beach
Tom Atkinson
(877) 533-0235
tom.atkinson@waterfurnace.com

Charlottesville
Shelton Cartwright
(877) 593-7951
shelton.cartwright@waterfurnace.com

Salem
Charles Echols
(877) 424-0532
charles.echols@waterfurnace.com



visit us at waterfurnace.com



VPMA has received the 2011 ICC "Chapter of the Year" Award

In accepting this award, your President addressed the 2011 ICC Conference in Phoenix:

I'm Bane Compton President of the VPMA and Deputy Building Commissioner of the City of Roanoke, Virginia. I want to say how much of a pleasure and honor it is to be standing on this stage receiving such an award as **Chapter of the Year**. This award is only accomplished through hard work from your members, I would like to thank a few that are here, Guy Tomberlin, Lynn Underwood, Bob Atkins, Ron Bladen, Bill Duplier, Steve Shapiro, and Emory Rogers and many more for their hard work and dedication they have shown to the VPMA and the ICC.

I hope by winning this award it will

inspire the future members to repeat this accomplishment. After I became President in April 2011. I began gathering information for VPMA's Chapter of the Year report. I was totally surprised at the amount of effort, work and acknowledgments my fellow members have accomplished. It made me look at myself and has inspired me to do more for the City of Roanoke, the VPMA, State of Virginia and the ICC.

Hopefully this conference can inspire you to look at yourself, as it has me, and ask yourself how much more can I do to support all these organizations. I'm looking forward to Dallas and, thank you very much.

Bane F. Compton
President, VPMA 2011-2012



December 1, 2011

Bane Compton
City of Roanoke
160 Meadow Drive
Christiansburg, VA 24073

Re: Virginia Plumbing Mechanical & Inspectors Association

Dear Bane and Friends:

Congratulations on your selection as the 2011 ICC Chapter of the Year Award.

As your group has demonstrated, our Chapters are a very valuable asset and partner in public safety.

The 120 code changes VPMA proposed last year is proof-positive of your active engagement in the code development process. The fact that your association saw 85% of its proposals adopted into the model codes demonstrate that you do your homework and build consensus within the build safe community. The accomplishments of your Chapter serve to inspire your colleagues.

I'd say this honor is quite a way to kick-off the beginning of your 50th year as an organization. I know your Chapter will continue to display the same professionalism in promoting the vision, mission and goals of the Code Council over the next 50 years. We are very fortunate to have you as an ICC Chapter.

Congratulations again on a well-deserved honor. Wishing you and your families a safe and happy holiday season.

Sincerely,


Richard P. Welland
Chief Executive Officer



ICC
CHAPTER OF THE YEAR
2011

Welcome to the VPMIA 2012 School of Instruction

Contents

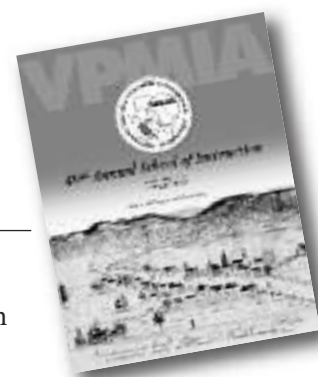
Index to Advertisers

The Plumbing Doctor	inside cover
International Code Council	3
Morgan Thermal Ceramics	4
WaterFurnace	5
Lacy Mechanical	23
Ductmate	24
PMPV	25
Atomic Plumbing	28
Otto Sales	29
Bryant Group, Inc.	30
W.E. Brown, Inc	31
L&D Associates.	31
GSSN	31
Cast Iron Soil Pipe Institute	31
Leonard-Splaine Heating & Cooling	33
Ernest W. Thurston & Son Plumbing	37
Fitzgerald Art & Design	37
Join us in 2013	37
VPMIA	39
Greeley Pond Technologies	40
Harry Eklof & Company	47
CTS	48
Woodbridge Plumbing	49
Ferguson	50
The Joyce Agency	51
ACCA	back cover

ICC selects VPMIA “2011 Chapter of the Year”	6
President’s Corner	8
Dedication to Mr. Jack Proctor	9
Charter Members	11
Resolutions	12
2012 School of Instruction Program	17
Acknowledgements	17
2011 Officers and Chairmen	20
Past Presidents	20
Missions	21
2012 Tabletop Exhibitors	22
The Year in Photos	26
Awards	32
Strategic Plan	33
2011 Associate Membership Roster	38
Constitution and By-laws	42
Ladies Auxiliary Program and Roster	46

TECHNICAL ARTICLES

Horizontal Wet Venting <i>By Lee Clifton</i>	18
Quality Assurance <i>By Luis Escobar</i>	34



FROM THE EDITOR

We have two great events to celebrate as we gather for this year’s SOI—the first is that VPMIA was selected as the **2011 ICC Chapter of the Year**, and the second is that 2012 represents **VPMIA’s 50th Anniversary**. Congratulations to all Members.

This Yearbook is dedicated to **Jack A. Proctor** who passed away last year. Read the articles and enjoy the photos as we pay tribute to the man referred to as “The Father of Virginia’s Building Code”.

ICC and ACCA have once again stepped up and provided two interesting articles for your perusal: Lee Clifton on “Horizontal Wet Venting”, and Luis Escobar educates us on a new program formed by ACCA and the DOE – “Quality Assurance”.

Be sure to put those on your reading list. Thanks Lee and Luis.

We send our congratulations to Jim Steinle and his company, Atomic Plumbing, for winning the Virginia Pilot’s Best of the Beach 2010 Gold Award and for winning the Silver Award for 2011. Jim is a VPMIA Lifetime Associate Member and current Chairman, Executive Committee of PMPV.

Congratulations also go out to Bill Bennett, owner of The Plumbing Dr., one of only five area plumbers chosen *The Washington Post’s* “The Best of Service Alley 2011”.

Be sure to visit the Tabletop Displays and express our gratitude to the Manufacturers’ Representatives. They all make a great and welcomed contribution to our SOI. —*Ron Bladen*



Welcome to the

President's Corner

I would like to start by saying it has been an honor and a privilege to serve as your President this past year. I want to thank each and every one of you for this opportunity and support you have shown. This experience has been rewarding and something I will never forget. The organization is going in the right direction and I feel will continue to grow, maintaining high ethics and standards that we as an organization have demonstrated for the past 50 years. I would like to reflect on a few of the accomplishments of our organization over the past year.

- VPMIA was chosen Chapter of the Year by the ICC.
- The organization showed strong support for members seeking office for the ICC
- Provided Code update training to Tradesmen throughout the state.
- Provided training to inspectors maintaining their state CEU requirements.
- Continued communications with other state organizations to reach common goals.
- We have increased the number of members in the organization as well as our financial stability
- 85% of our Code Change proposals were adopted into the Model Codes.

This year I was fortunate enough, through VPMIA, to experience the ICC Conference in Phoenix Arizona. The conference was an eye opening experience. I was able to meet some great people, who share the same goals as we do here in the State of Virginia. Most everyone I came in contact with spoke of how active in the ICC the VPMIA and fellow state organizations were from the state of Virginia. They expressed their appreciation for our participation in code development. The practical impact the organizations from the state of Virginia makes on Code Development is one of the most important goals we can achieve. By being active at the ICC level, the more our values and ideas are published into our Model Codes and the more practical

our everyday jobs in Code Enforcement becomes. I was so proud to represent the VPMIA and the state of Virginia. Speaking in front of what looked to be a thousand people, while accepting the Chapter of the Year Award, was one of the most gratifying moments I have ever experienced. At the conference I participated in the Code Development hearings, this is something each and every one of you should experience. We as an organization need to continue supporting members of our organization at the ICC level.

The citizens of Virginia are benefiting greatly from the VPMIA's training opportunities offered in every part of the Commonwealth by our organization. Our training opportunities for tradesmen and inspectors provides consistent code enforcement throughout our state. The funds accumulated from code classes allow us to offer free membership to our municipalities and also provides support to our VPMIA members seeking to become ICC officers. The economic downturns we are experiencing throughout the state have restricted municipalities from providing participation in the organization. Funds accumulated by educating citizens throughout the state allows us as an organization to maintain members that represent the complete Commonwealth of Virginia and also provides us representation at the ICC level.

In closing, I would like to say the VPMIA is in sound financial status. I would like to thank the Board and the membership for their support. The new officers coming into office will do a great job in keeping this fine organization at the top. Their fresh ideas will keep Virginia on the tip of the spear. It has been an honor and privilege to serve as your President.

Bane F. Compton

President

Virginia Plumbing and Mechanical

Inspectors Association

2011-2012

Jack A. Proctor (1933–2011)

Dedication

VPMIA dedicates this yearbook to Jack Allen Proctor. Well known as the “Father of the Virginia Uniform Statewide Building Code,” Jack Proctor was instrumental in the development of an accreditation program to advance and enhance professionalism in code administrations throughout the United States; he was a leader in establishing a National Building Code Academy within NCSBCS; and he was the driving force behind the ICC code adoption.

Jack Proctor’s professional memberships included:

- National Council of States on
(continued)





(continued from previous page)

Building Codes and Standards
(NCSBCS)

- Board of Directors
- VA delegate
- Southern Regional Chairman
- Educational Chairman
- Secretary & Treasurer
- President (2 years)
- President of the National Academy of Code Administration (NACA)
- International Academy for Professional Code Administration (IAPCA)
- The Virginia Building and Code Officials Association (VBCOA)
- Service on many ad hoc Building Code committees.
- Honorary Member, Virginia Plumbing and Mechanical Inspectors Association

Editors Note:

This narrative and the photographs were kindly provided by the Proctor family.

Jack was born during the Great Depression in 1933 in a cottage camp that his family owned. He cheated death for the first of many times due to an infant illness. He always talked of his days as a boy and how poor they were but how much he'd learned and in turn taught his children from his struggles. He cheated death a second time as a boy after a traumatic bicycle accident. He remembered waking up and being so very disappointed about his broken bicycle that the chicken farmer had given him which was such a luxury at that time. He and his siblings Kay, Gloria, Rusty and Gary taught us how to appreciate a very different kind of lifestyle. Very useful lessons during today's tough times.

Jack left school at a young age and joined the Navy. He travelled all over the world, rose in rank and



was a well respected Chief Petty Officer and Electrical Engineer when he retired after 22 years of service. In 1973, after training at Virginia Tech he became one of the first building officials in a rural area, the Shenandoah Valley when at the time there were only officials in larger cities. He was personally requested only two years later by a top official to go to Richmond and quickly rose to the rank of Deputy Director of Building Code for the entire state agency. He even served as the State Fire Marshall of Virginia at the request of one of the Governors. He retired after 30 years of state service and not only had the respect of many well-educated "important people" as he called them but was important enough himself to have the state training academy for building code named in his honor. All of this from a country boy from the Shenandoah Valley with an 9th grade education.

Not only was Jack extremely renowned and well respected in his career but he was a wonderful father and man. In his 60's he cheated death once again surviving a heart attack and subsequent quadruple bypass! He was a father to ten children that were raised with tough

love but love indeed. He was kind, very funny and one of the most humble and sincere people. He was generous to a fault and wouldn't see anyone struggle if he could help no matter what it took. This made him never have all of money but he was extremely rich in character. He could fix and build anything (cars, houses etc.) and would give them away to buy another broken one when it was working well! His legacy will live on for many years through the lessons he taught his children and grandchildren. Even though he is

gone, it gives us solace to know that he is still continuing to make this world a better place.



Although he couldn't cheat death this time, we are so happy that he is no longer suffering and what a life he lived! There are not enough men like Jack Allen Proctor in this world and he will be missed by so many. So take into your heart and share the most important lesson that he taught even until his very last days... Be grateful for what you have. Look at the glass as half full. Even at the end in spite of everything, he was grateful for his family and passed away with so much love and respect. His cup overflowed.

In Appreciation

VPMIA Charter Members

ACTIVE

- * MR. U. EARL ALLEN
- * MR. E. W. BAUGHAN
- * MR. FRANK BOSMA
- * MR. E. R. CARR
- * MR. EUGENE COBANKS
- MR. M. D. COOPER
- * MR. GORDON I. DAMERON
- * MR. JAMES B. JONES, JR.
- * MR. PARL C. KING
- * MR. CHARLES E. MANNION
- * MR. JOHN B. MASON
- MR. CURTIS H. NUNALLY
- * MR. WILLIAM G. PRIDY



ASSOCIATE

- * MR. JOSEPH E. BAKER
- * MR. T. C. BROWN
- * MR. CHARLES E. WESSMAN

LADIES AUXILIARY

- * MRS. RUTH BIANCO
- * MRS. ANN COBANKS
- * MRS. IRMA DRAKE
- MRS. RUTH JACK
- MRS. MARGARET KING
- MRS. SONIA SCHROECK
- MRS. SHIRLEY WILLIAMS
- * Indicates Deceased

Resolutions



Resolution of Respect in Memory of Stanley Borders

Whereas, Stanley Borders is the father of Stephen P. Borders, a Lifetime Member of the Virginia Plumbing and Mechanical Inspectors Association; and

Whereas, Stanley Borders was called to be with the Lord on February 19, 2011; and

Whereas, Stanley Borders served his country in World War II & also served his state with the Virginia Department of Health; and

Whereas, Stanley Borders served his community for fifty five years as pastor of Trinity Baptist Church; and

Whereas, Stanley Borders was a Kentucky Colonel; and

Whereas, The family and friends of Stanley Borders have many fond memories of singing hymns and of playing church softball; and

Whereas, The Virginia Plumbing and Mechanical Inspectors Association notes with great sadness the passing of Stanley Borders; now, therefore, be it

Resolved, That the Officers, Board of Directors, and the entire membership of the Virginia Plumbing and Mechanical Inspectors Association join the family of Stanley Borders in celebration of his life and do also offer their most heartfelt sympathy at the loss of this cherished family member; and

Resolved further, That the Virginia Plumbing and Mechanical Inspectors Association stands in readiness to assist the family of Stanley Borders in any manner desired or requested; and

Resolved further, That this resolution be respectfully submitted to Stephen P. Borders as a permanent memorial to the memory of his father, Stanley Borders.

Adopted this Seventh day of April, 2011.

Robert Adkins
Robert Adkins, President

ATTEST: *Bane Compton*
Bane Compton, Vice President



Resolution of Respect in Memory of Rudolf Schroeck

Whereas, Rudolf Schroeck passed from this world on April 26, 2011 at the age of 91; and

Whereas, Rudolf Schroeck was President of the Virginia Plumbing and Mechanical Inspectors Association in 1981; and

Whereas, Mr. Schroeck enjoyed a long & successful career with the County of Fairfax, Virginia retiring from his position there as Chief Plumbing Inspector in 1988; and

Whereas, Rudi dedicated many hours to instruction of the plumbing apprenticeship program; and

Whereas, The Virginia Plumbing and Mechanical Inspectors Association notes with great sadness the passing of Rudolf Schroeck; now, therefore, be it

Resolved, That the Officers, Board of Directors, and the entire membership of the Virginia Plumbing and Mechanical Inspectors Association join the family of Rudolf Schroeck in celebration of his life and do also offer their most heartfelt sympathy at the loss of this cherished family member; and

Resolved further, That the Virginia Plumbing and Mechanical Inspectors Association stands in readiness to assist the family of Rudolf Schroeck in any manner desired or requested; and

Resolved further, That this resolution be respectfully submitted to the family of Rudolf Schroeck as a permanent memorial in his honor.

Adopted this Third day of June, 2011.

Bane Compton
Bane Compton, President

ATTEST: *Ron Bladen*
Ron Bladen, Vice President



Resolution of Respect in Memory of Clinton Wallace

Whereas, Before his death on August 4, 2011 at the age of 52, Clinton Wallace was an Active Member of the Virginia Plumbing and Mechanical Inspectors Association; and

Whereas, Clinton Wallace was a native of Cleveland, Ohio; and

Whereas, Mr. Wallace's 28 year career included positions as Housing Inspector of Cleveland Heights, Ohio, Building Commissioner of East Cleveland, Ohio and Building Commissioner of Defiance, Ohio; and

Whereas, Mr. Wallace was later appointed by the Mayor of Toledo, Ohio as head of that city's Building Department; and

Whereas, Clinton Wallace was most recently employed by Virginia's Department of Housing and Community Development as State Building Code Administrator; and

Whereas, Clinton's drive to move forward and wonderful sense of humor was well known among his peers; and

Whereas, The Virginia Plumbing and Mechanical Inspectors Association notes with great sadness the passing Clinton Wallace; now, therefore, be it

Resolved, That the Officers, Board of Directors, and the entire membership of the Virginia Plumbing and Mechanical Inspectors Association join the family of Clinton Wallace in celebration of his life and do also offer their most heartfelt sympathy at the loss of this cherished family member; and

Resolved further, That the Virginia Plumbing and Mechanical Inspectors Association stands in readiness to assist the family of Clinton Wallace in any manner desired or requested; and

Resolved further, That this resolution be respectfully submitted to Mr. Wallace's family as a permanent memorial to the memory of Clinton Wallace.

Adopted this Ninth day of September, 2011.

Bane Compton
Bane Compton, President

ATTEST: *Ron Bladen*
Ron Bladen, Vice President



Resolution of Respect in Memory of Marie Louise Adams

Whereas, Paul M. Adams is a Lifetime Member of the Virginia Plumbing and Mechanical Inspectors Association; and

Whereas, Marie Louise Adams, his beloved wife of seventeen years, passed from this world on September 30, 2011 at the age of 65; and

Whereas, Marie Louise Adams was retired from the City of Norfolk's Planning Department; and

Whereas, Mrs. Adams was an avid crafter and a fantastic cook who took great pleasure sharing her crafts and food with family and friends; and

Whereas, The Virginia Plumbing and Mechanical Inspectors Association notes with great sadness the passing of Marie Louise Adams; now, therefore, be it,

Resolved, That the Officers, Board of Directors, and the entire Membership of the Virginia Plumbing and Mechanical Inspectors Association join the family of Marie Louise Adams in celebration of her life and do also offer their most heartfelt sympathy at the loss of this cherished family member; and

Resolved further, That the Virginia Plumbing and Mechanical Inspectors Association stands in readiness to assist the family of Marie Louise Adams in any manner desired or requested; and

Resolved further, That this resolution shall be respectfully submitted to the family of Marie Louise Adams; and

Resolved further, That this resolution shall be published in the annual yearbook of the Virginia Plumbing and Mechanical Inspectors Association as a permanent memorial in honor of Marie Louise Adams.

Adopted this Fourteenth day of October, 2011.

Bane Compton, President

ATTEST:

Ron Bladen, Vice President



Resolution of Respect in Memory of Fred William Borden III

Whereas, Before his death on October 10, 2011 at the age of 66, Fred William Borden III was an Associate Member of the Virginia Plumbing and Mechanical Inspectors Association; and

Whereas, Fred William Borden III was known by his family and friends to be a modest, compassionate, and generous man; and

Whereas, In his youth, Fred William Borden III started out working for his father as a Plumber's Helper on weekends and during summer break; and

Whereas, As an adult, Fred William Borden III was employed full-time by the family business and quickly earned his plumbing license; and

Whereas, Fred William Borden III became President of Fred W. Borden Plumbing upon his father's retirement in 1977; and

Whereas, Mr. Borden was known by his employees to be a man of great wisdom who treated everyone with kindness and respect; and

Whereas, The Virginia Plumbing and Mechanical Inspectors Association notes with great sadness the passing of Fred William Borden III; now, therefore, be it

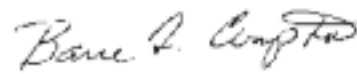
Resolved, That the Officers, Board of Directors, and the entire membership of the Virginia Plumbing and Mechanical Inspectors Association join the family of Fred William Borden III in celebration of his life and do also offer their most heartfelt sympathy at the loss of this cherished family member; and

Resolved further, That the Virginia Plumbing and Mechanical Inspectors Association stands in readiness to assist the family of Fred William Borden III in any manner desired or requested; and

Resolved further, That this resolution shall be respectfully submitted to the family of Fred William Borden III; and

Resolved further, That this resolution shall be published in the annual yearbook of the Virginia Plumbing and Mechanical Inspectors Association as a permanent memorial in honor of Fred William Borden III.

Adopted this Fourteenth day of October, 2011.


Bane Compton, President

ATTEST: 
Ron Bladen, Vice President

VPMIA 49th Annual School of Instruction
March 28—30, 2012

Holiday Inn University
900 Princes Fork Road
Blacksburg, VA 24060
Phone: 540-552-7001

Program

Wednesday, March 28

7:00	-	8:15 a.m.	REGISTRATION
8:15	-	8:45 a.m.	Virginia Tech Color Guard/ Opening Remarks (Ron Rordam, Mayor of Blacksburg)
8:30	-	10:15 a.m.	Morgan Thermal Ceramics Fire Master Duct Wrap (Tom Harlan & David Kies)
10:15	-	10:45 a.m.	BREAK
10:45	-	12:00 p.m.	Natural Gas Company (Pete Hudson, Atmo Gas Company)
12:00	-	1:00 p.m.	LUNCH
1:00	-	2:30 p.m.	Rainwater Management/Harvesting (Benjamin Sojka)
2:30	-	3:00 p.m.	BREAK
3:00	-	4:30 p.m.	Laboratory Design Basics & Special Waste Piping Systems: <i>Cast iron vs. plastic piping in commercial construction</i> (Vic Hines, Charlotte Pipe & Foundry)
5:00	-	6:00 p.m.	PRESIDENT'S WELCOME
6:00	-	7:30 p.m.	BUFFET DINNER
7:00	-	11:00 p.m.	Casino Night in Blacksburg!

Thursday, March 29

9:00 a.m.	-	4:00 p.m.	2009 IBC Accessibility and Usability for Commercial Buildings (Jay Woodward, International Code Council)
10:15	-	10:30 a.m.	BREAK
10:30	-	12:00 p.m.	Class continues
12:00	-	12:15 p.m.	VPMIA GENERAL MEMBERSHIP MEETING - PART 1
12:00	-	1:00 p.m.	LUNCH
1:00	-	2:30 p.m.	Class continues
2:30	-	2:45 p.m.	BREAK
2:45	-	4:00 p.m.	Class continues
6:30	-	10:00 p.m.	BANQUET—with Guest Speakers, Installations & Awards

Friday, March 30

8:00	-	9:00 a.m.	BREAKFAST BUFFET
9:00	-	12:00 p.m.	GENERAL MEMBERSHIP MEETING - PART 2

—From Ron Bladen, Chairman, VPMIA Advertising/Yearbook Committee—

“Thank You,” to those whose efforts have made this VPMIA Yearbook possible:

Bane Compton, President

Jane Fitzgerald, Fitzgerald Art & Design LLC

John Seay, Awards Chairman

Our Advertisers, (individually listed on p. 7)

Don Bladen, Doyle Printing & Offset

Our Exhibitors, (individually listed on p. 22)

with special thanks to contributors, Lee Clifton, ICC, and Luis Escobar, ACCA

Horizontal Wet Venting

MADE SIMPLE

The 2012 International Plumbing Code (IPC) Section 912 addresses the design and installation requirements of a horizontal wet vent system.

A fixture is said to be wet vented when the vent also carries the waste flow from an additional fixture or fixtures upstream of the vented fixture. The use of wet venting procedures reduces the number of individual vent pipes required by a plumbing drainage system as contrasted with the number required by a conventional system, thus reducing the cost of most venting systems. There are many types of venting methods allowed in the International Plumbing Code (IPC). The Horizontal Wet Venting method located in Section 912.1 of the IPC will be illustrated and explained in this article.

What is a horizontal wet vent? A horizontal wet vent is a horizontal branch drain pipe that has been increased in size larger than what is normally required by Section 710 to accommodate drainage and venting. This increase in pipe size allows for a large air space above the maximum probable waste flow level in the pipe so as to provide for adequate venting airflow in the same pipe as the waste flow. Wet Venting as shown in Figure 1 can be used in both vertical and horizontal applications.

The vertical method may be more common to plumbing installers in certain regions, however, don't be alarmed

Figure 1

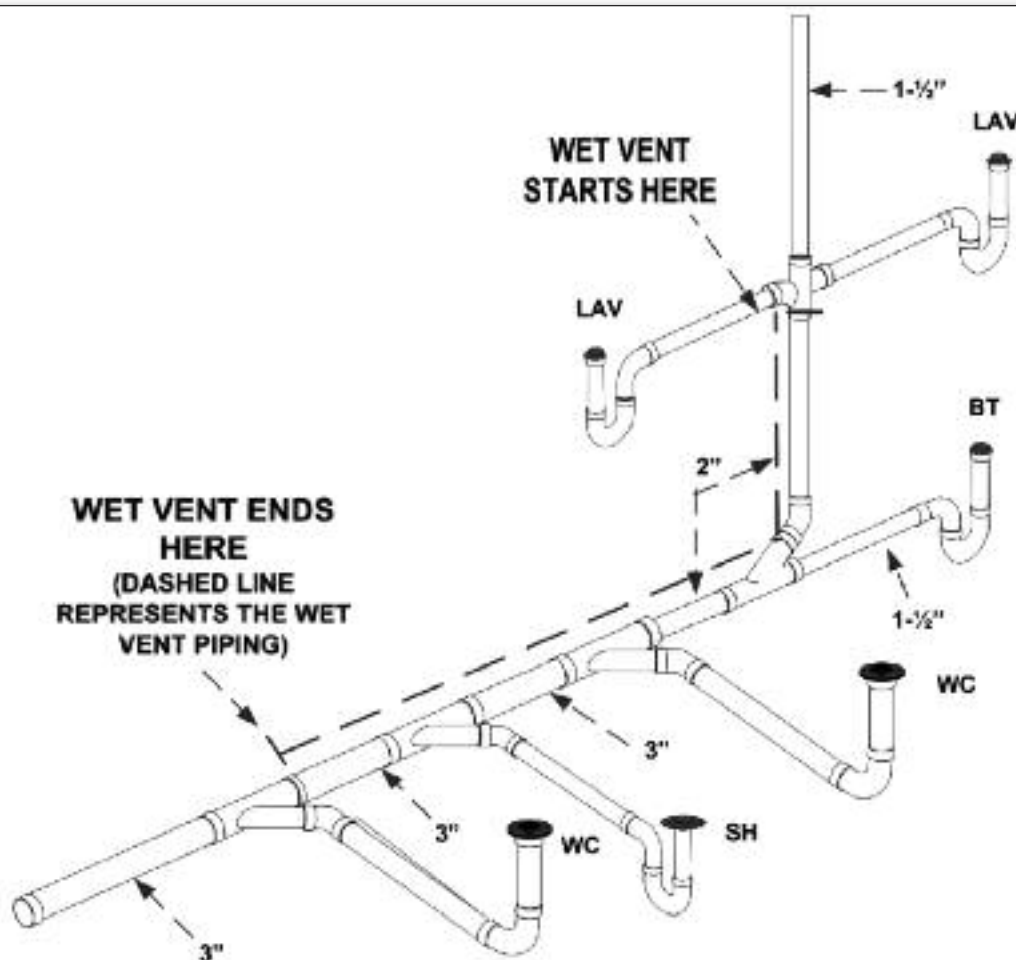


Table 909.1
Maximum Distance of Fixture Trap from Vent

Size of Trap (inches)	Slope (inch per foot)	Distance From Trap (feet)
1 1/4	1/4	5
1 1/2	1/4	6
2	1/4	8
3	1/8	12
4	1/8	16

by what you see! The horizontal wet venting method is an effective way to provide a safe sanitary system that can save the contractor and owner time and materials.

The maximum fixture drain length from the wet vent is limited to the distances shown in Table 909.1. There may be a situation where the fixture location is at a distance that exceeds the maximum trap to vent distance. The code allows for any number of individual vented fixtures of the types allowed for a bathroom group to connect to the horizontal wet vent as long the total number of fixtures allowed for the bathroom groups is not exceeded.

Section 202 of Chapter 2, is the key to the maximum number and type of fixtures that can be accommodated by a horizontal wet vent. The definition of Bathroom Group is a group of fixtures consisting of a water closet, lavatory, bathtub or shower, including or excluding a bidet, an emergency floor drain or both. Such fixtures are to be located together on the same floor level. This is done to avoid high flow velocities which could cause excessive turbulence that might block the air space above the waste flow level. Section 912.1 allows any combination of fixtures within two bathroom groups to be vented by a horizontal wet vent. A horizontal wet vent could have as few as two fixtures or as many as ten fixtures but not more than two fixtures of the same type can be connected to the system. Each wet vented fixture drain shall connect independently to the horizontal wet vent. This is done to protect the function of each fixture, assuring that one fixture will not influence another's operation.

The dry vent, the vent that continues upward from the wet vent to the point of termination or connection to another vent, shall be either an individual vent or a common vent for any bathroom group fixture, except an emergency floor drain. Where the dry vent connects to a water closet fixture drain,

Table 912.3
Wet Vent Size

Wet Vent Pipe Size (inches)	Drainage Fixture Load (dfu)
1-1/2	1
2	4
2-1/2	6
3	12

the drain shall connect horizontally to the horizontal wet vent system. Not more than one wet vented fixture drain shall discharge upstream of the dry vented fixture drain connection. Vertical wet vented systems containing water closets require that the water closet drains connect at the same elevation. Other fixture drains are required to connect above or at the same level elevation as the water closet fixture drains. This is not the case in horizontal wet venting.

The dry vent must be sized in accordance with Section 906.2. Remember, that in this case, the drain served is going to be the entire wet vented section so it will need to be at least one-half the diameter of the largest section of pipe in the system. The wet-vented section itself is sized per Table 912.3.

Table 706.3
Fittings for Change in Direction

Type of Fitting Pattern	Change in Direction		
	Horizontal to Vertical	Vertical to Horizontal	Horizontal to Horizontal
Sixteenth bend	X	X	X
Eighth bend	X	X	X
Sixth bend	X	X	X
Quarter bend	X	X _a	X _a
Short sweep	X	X _{a,b}	X _a
Long sweep	X	X	X
Sanitary tee	X _c	---	---
Wye	X	X	X
Combination wye and eighth bend	X	X	X

For SI: 1 inch = 25.4 mm.

- a. The fittings shall only be permitted for a 2-inch or smaller fixture drain.
- b. Three inches or larger
- c. For a limitation on double sanitary tees, see Section 706.3.

Keep in mind that any additional fixtures outside of the wet vent, that are to be drained into the same branch must be connected to the branch downstream of the wet vent. Because the wet vent serves as a drain, the type of fittings used must be in accordance with the drainage pattern shown in Table 706.3. ◊

Lee Clifton is the Director of Plumbing Programs for the International Code Council, Plumbing & Mechanical Activities. Prior to joining the Code Council, Lee was with the City of Los Angeles for 21 years. Lee holds an L.A. City Journeyman Plumber's license; numerous certificates for training and medical gas inspection and an ICC Certified Plumbing & Mechanical Inspector. He is a member of the American Society of Sanitary Engineers, the American Society of Plumbing Engineers and the American Backflow Prevention Association. In the past Lee has participated on numerous industry committees and has authored many technical articles, books and publications. The latest is the 2012 Significant Changes to the International Plumbing Code which is now available.

Officers

2011-12 BOARD OF DIRECTORS

President
Bane Compton

Vice President
Ron Bladen

Secretary
Paul Rimel

Treasurer
Skip Harper

Executive Secretary
Geary Showman



COMMITTEE CHAIRMANSHIPS

Advertising/Yearbook
Ron Bladen

Auditing
Geary Showman

Awards
John Seay

By-laws/Parliamentarian
Guy Tomberlin

Certification/Education/Training
Skip Harper

Finance
Geary Showman

Legislative
Ronald Clements

Membership/Website
Skip Harper

Nominating
Robert Adkins

Plumbing, Mechanical & Fuel Gas
Richard Grace

School of Instruction
Ron Bladen

Time and Place
Dennis Martinelli

50th Anniversary
Dustin McLehany

DIRECTORS

AT LARGE	Robert Adkins
DISTRICT 1	James Anjam
DISTRICT 2	William Aldridge
DISTRICT 3	Curtis Campbell
DISTRICT 4	Allen More

Past Presidents

CHARLES E. MANNION	1963*	EDWARD J. BALDWIN, JR.	1979	MICHAEL D. REDIFER	1995/1996
PAUL C. KING	1964*	HENRY A. RODÉS	1980*	KATHLEEN T. DYE	1997
GORDON I. DAMERON	1965*	RUDOLF SCHROECK	1981*	HASSEL DeSHAZO	1998
D. PAUL JACK	1966*	JESSE R. HURT	1982	ROY N. McFARLAND, JR.	1999/2000
FRANK B. BOSMA	1967*	CHARLES DEDIAN	1983	CLEATIS DYE, JR.	2001
U. EARL ALLEN	1968*	KENNETH R. SNYDER, SR.	1984	CHARLES GERBER	2002
HARRY CONTE	1969	LAWRENCE J. NUCKOLS	1985	GUY TOMBERLIN	2003/2004
JAMES B. JONES	1970*	JOHN W. THURSTON	1986*	GEARY SHOWMAN	2005
L. W. FURMAN	1971	WILLIAM F. HINES	1987	MICHAEL THUOT	2006
GEORGE H. WILLIAMS	1972*	LESLIE A. COURTNEY	1988	JOHN SEAY	2007
W. T. DRAKE	1973*	JIMMY A. ENGLISH	1989	DENNIS MARTINELLI	2008
BENJAMIN BIANCO	1974	DOUGLAS L. STOVER	1990	JOHN MILLS	2009
J. L. SHIFFLETT	1975	ROBERT M. BROOME	1991	R. WAYNE KUSHNER	2010
HOMER O. DENNIS	1976	PAUL D. HOSTETLER	1992*	ROBERT ADKINS	2011
JULIAN E. MEREDITH	1977*	DENNIS W. McNAUGHTON	1993		
EDWARD T. PARSONS	1978*	JOHN S. TRENARY	1994		

*Denotes deceased

VPMIA Foundation's Vision Statement

VPMIA members are committed to providing code development leadership and continuous training that results in uniform application of the codes. We look for opportunities to partner with all who are impacted and strive to develop and deliver codes and standards that result in health, safety, and welfare protection for the public.

VPMIA Mission

VPMIA is an association of code professionals dedicated to promotion of uniform enforcement and development of the codes throughout the Commonwealth to assure the health, safety, and welfare of its citizens and any one who may live, work, or visit the state of Virginia. The pursuit of this endeavor is achieved through close, open, and equal working relationships with design professionals, builders, contractors, material manufacturer's and others involved in the construction industry. VPMIA supports the ICC, its goals and mission.

VPMIA Strategic Plan Mission

VPMIA's strategic plan is to advance our mission through training in order to promote better understanding of the benefits and efficiency of using model codes. The association promotes teamwork, while embracing fairness and respect to all involved parties, always maintaining open communications in every aspect to those who participate in the process.

Meet Our 2012 Tabletop *Exhibitors*

ARLINGTON COUNTY
Tammy Watson



CAST IRON SOIL PIPE INSTITUTE
Dan Jaffe & Michael Steele



CHARLOTTE PIPE & FOUNDRY COMPANY
Vic Hines



DUCTMATE
Grant Scorsone



HARRY EKLOF & ASSOCIATES
Herb Edwards & Kim DeForrest



THE JOYCE AGENCY
Jonathan Sargeant & Jason Hawk



MORGAN THERMAL CERAMICS
Tom Harlan & David Kies



NSF INTERNATIONAL
Jeremy Brown



JAY OTTO ENTERPRISES, INC.
Jay Otto



Over 80 Years of Quality Service



*Plumbing
Radiant Heating
Heating
Dehumidification Systems
Air Conditioning
Hydronic Piping
Welding
Medical Gas
Back Flow Certification*

Lacy Mechanical, Inc.

Commercial



Industrial



Schools



Hospitals

1809 Broadway Street
Charlottesville, VA 22902

434-296-7542

434-293-9073 Fax

www.lalacy.com

NEW
from Ductmate® Industries!!!

GreenSeam® + Snap-Lock Pipe & GreenSeam® Fittings.

**A perfectly designed
and sealed system.**



GREENSEAM+
complete factory sealed snap-lock pipe system

Say hello to a perfect seal, every time. Say goodbye to install worries. Ductmate's **GreenSeam+** has a pre-installed zero VOC gasket that once snapped together does not require additional sealant or tape - and meets a SMACNA Class A Seal. Our pipe is factory sealed, so you can be sure that it is always sealed correctly. Ready to connect with the most revolutionary snap-lock pipe to date? For more information visit us at Ductmate.com or call 1-877-866-2808.

Ductmate also introduces its line of sealed **GreenSeam** Fittings engineered with our patented low leakage hardware and integral zero VOC gasket.



Scan Code With Your Smartphone For
More Information About GreenSeam+
or Visit Us Online at Ductmate's
<http://goo.by/wmXTG8>



Plumbing and HVACR Contractors: What PHCC

Does for You

Exclusive Business-Building Benefits

Join PHCC today and take advantage of vast educational and training opportunities, be a part of efforts to influence legislation and regulations, participate in networking forums, and stay abreast of the latest industry news, breakthroughs, and solutions. PHCC membership is a risk-free investment in the success of your business... guaranteed to improve your bottom line!

Visit www.pmpv.org or call (800)947-7450



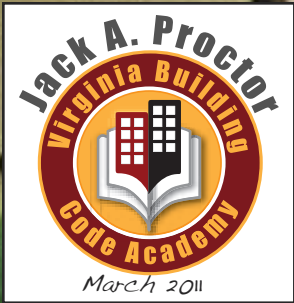
PLUMBING-HEATING-COOLING
CONTRACTORS ASSOCIATION



"Without PHCC I'd be in the dark on important business issues—like knowing what legislative issues are affecting my business, or what software would work best for me. Being involved with PHCC gives me a level of confidence, especially after the last few years when everyone has struggled with the down economy. As a member, I know I can call any contractor in PHCC and ask any question. This networking is what I enjoy the most."

LAURA CIRIELLO-BENEDICT,
William J. Ciriello Plumbing Co. Inc.,
Beech Grove, Ind.

Get Connected



April 2011

The Year in Photos



2012

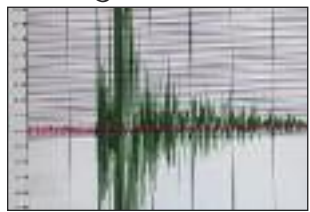


July



November

August



Atomic Plumbing Supports VPMIA



Call Us For ALL Your Plumbing Needs!

PLUMBING & DRAIN CLEANING

757-464-2934

Jim Steinle, Owner



www.atomicplumbing.com

Customer Service is what we do!



We are Manufacturers' Representatives/
Distributor's for some of the finest
commercial plumbing products in the Industry.

Specializing in assisting the plumbing
contractor, wholesaler and engineering
community with specialty items such as
Green/LEED Building, Rainwater Collection
and "Buy America" projects.

Proud members and supporters of VPMIA
for Multiple Generations





Where Quality and the Environment Come Together

*Plumbing
Fire Protection
Mechanical Systems*

*Working as a team,
Committed to Quality and our Customers*

Bryant Group, Inc.
7891-B Beechcraft Avenue
Gaithersburg, MD 20879

301-670-2700 Fax 301-670-2720

Ronald D. Bryant, President
Ron.Bryant@bryantgroupinc.net

R. Bruce Colton, Vice President
Bruce.Colton@bryantgroupinc.net

Serving Delaware/D.C./Maryland/Pennsylvania/Virginia/West Virginia

GSSN congratulates VPMIA
for 50 years of service to Virginia

GSSN

www.gssnhvac.com

102 Lipizzaner Ct. • Stephens City, VA 22655
540-514-7615

We salute the 50 years of the
Virginia Plumbing and Mechanical
Inspectors Association, its
49th VPMIA Annual
School of Instruction,
and its award as,
“2011 ICC Chapter
of the Year.”



CAST IRON SOIL PIPE INSTITUTE

The Mark of Quality and Permanence



Dave Jaffe

Northeast Regional Representative

415 Course Road, Neptune, NJ 07753

OFFICE: 404.622.0073 **FAX:** 678.973.2845

WEB: www.cisp.org **EM:** djaffe@cisi.org

CELL: 732.677.6959



ASSOCIATES, INC.

Plumbing
Consulting
Hydronic Heating
Project Management
Class "A" License #069344

Laurie/Daniel Crigler
935 Good Hope Church Road
Aroda, Virginia 22709
E-mail: office@ldassociatesinc.com
(540) 948-6230 (540) 948-5617 Fax



*Quality Sales & Service
Since 1924*

*Virginia Registration
#2701005193A*

SERVICE TODAY

W. E. Brown, Inc.

Plumbing - Heating - Air Conditioning - Electrical
915 Monticello Road • Charlottesville, VA 22902
24 Hour Emergency Service

Dave Maupin
(434) 951-8712
dave@webrown.com

PH (434) 295-1177
FAX (434) 979-1394
1-800-W E Brown

Awards



OUTSTANDING SERVICE

Gordon I. Dameron Active Award

1981-1982	Kenneth R. Synder, Jr.
1982-1983	Jesse R. Hurt
1983-1984	George H. Williams, Jr.
1984-1985	Robert M. Broome
1986-1987	Paul M. Adams
1988-1989	Paul Hostetler & Joseph Hall
1989-1990	Dennis W. McNaughton
1990-1991	Floyd Proffitt
1991-1992	Jeffrey Shawver
1992-1993	Tommy Cantrell
1993-1994	Hassel E. DeShazo
1994-1995	Doug Stover & Jack Rhoden
1995-1996	Robert D. Carroll
1996-1997	Roy N. McFarland, Jr.
1997-1998	Kathleen T. Dye
1998-1999	-----
1999-2000	Michael D. Thuot
2000-2001	Guy Tomberlin
2001-2002	John B. Seay, Jr.
2002-2003	Dennis Martinelli
2003-2004	Geary Showman
2004-2005	James T. Moore
2005-2006	Wayne Kushner
2006-2007	James Anjam
2007-2008	Richard Witt
2008-2009	Paul Rimel
2009-2010	Richard Grace
2010-2011	Skip Harper

David L. Carr Associate Award

1981-1982	William E. Foley
1982-1983	John V. Duley
1983-1984	J. C. Nuckols
1984-1985	Lawrence R. Muse
1986-1987	David Maupin
1987-1988	Ronald Bryant
1988-1989	Robert W. Price
1989-1990	Fred Borden, Jr.
1990-1991	Billy E. Leeder
1992-1993	James B. Muncy
1993-1994	John Otto
1994-1995	Danny & Laurie Crigler
1995-1996	James B. Hyler
1996-1997	J. C. Nuckols
1997-1998	James S. Steinle
1998-1999	Thomas C. Roberts
1999-2000	David Johnston
2000-2001	David L. Maupin
2001-2002	Lorrie Norton
2002-2003	Allen Tryall
2003-2004	Jonathan Sargeant
2004-2005	-----
2005-2006	-----
2006-2007	-----
2007-2008	Jay Otto
2008-2009	-----
2009-2010	Richard (Dick) Maher
2010-2011	-----

LIFETIME MEMBERSHIP

D. Paul Jack Active Award

1988-1989	Edward J. Baldwin, Jr.
1989-1990	George H. Williams, Jr.
1990-1991	Kenneth R. Snyder, Sr.
1991-1992	Jesse R. Hurt
1992-1993	Douglas Stover
1993-1994	Ernest "Bud" Lester
1994-1995	Paul Hostetler
1995-1996	Paul M. Adams
1996-1997	Michael D. Redifer
1997-1998	Hassel E. DeShazo
1998-1999	Kathleen T. Dye
1999-2000	-----
2000-2001	William F. Hines
2001-2002	Larry Dehaven
2002-2003	Lawrence Nuckols
2003-2004	Roy McFarland, Jr.
2004-2005	Guy Tomberlin
2005-2006	Stephen P. Borders
2006-2007	Charles Gerber
2007-2008	James T. Moore
2008-2009	Geary Showman
2009-2010	Dennis Martinelli
2010-2011	John B. Seay, Jr.

John A. Otto Associate Award

1988-1989	Cecil F. Hardee, Sr.
1989-1990	J. Richard Maher
1990-1991	David L. Carr
1991-1992	Robert W. Price
1992-1993	-----
1993-1994	Billy E. Leeder
1994-1995	James B. Muncy
1995-1996	Thomas C. Roberts
1996-1997	Tom Kreutzer
1997-1998	James S. Steinle
1998-1999	John Otto
1999-2000	-----
2000-2001	Herbert L. Joyner
2001-2002	Laurie/Danny Crigler
2002-2003	Dave Johnson
2003-2004	-----
2004-2005	-----
2005-2006	-----
2006-2007	David Maupin
2007-2008	-----
2008-2009	-----
2009-2010	-----
2010-2011	Jay Otto

VPMIA *Strategic Plan*

GOAL # 1 Enhance and increase communications of VPMIA with the public (Communications)

Initiative action:

- Actively promote a positive image of code enforcement's role in the community.
- Advertisements in trade, industry, state DHCD, and community publications.
- Commitment to code development to achieve the superior level of health, safety, and welfare for our citizens.

GOAL # 2 Increase and expand education (Training – Communications)

Initiative action:

- Encourage increased participation from all interested parties who interact with any and all aspects of code enforcement.
- Increase awareness of the educational benefits of the association.
- Promote credentialing programs provided by the state DHCD.

GOAL # 3 Uphold the highest levels of professionalism (Leadership – Professionalism)

Initiative action:

- Instill and promote leadership values.
- Always display integrity.
- Adherence to code of ethics.
- Share knowledge at all levels.
- Maintain and promote certifications.
- Respect others.

GOAL # 4 Promote relationships with industry and related professional organizations (Cooperation)

Initiative action:

- Participate in the code development process.
- Encourage cooperative working relationships with construction-industry professionals.
- Become involved as active or associate members to other professional organizations such as VBCOA, ICC, VCCCA, IAEE, and PMPV.

- Solicit speakers and provide speakers for these organizations to enhance communication.
- Continue to actively participate in DHCD towards uniform application and development of the model building codes and standards.

GOAL # 5 Broaden and expand VPMIA Membership (Membership)

Initiative action:

- Develop information package of the organization benefits.
- Provide more member services.
- Develop a more wide spread advertisement program for membership, including associate members.

GOAL # 6 Continue leadership and participation in code development process (Leadership – Code Development)

Initiative action:

- Enhance and develop strategies for participation in International Code

- Council Code developmental process.
- Encourage participation on state and national committees.
- Provide financial support towards member participation in these activities.

GOAL # 7 Promote the adoption of the International Code Council family of model codes (Communications – Training)

Initiative action:

- Provide analysis and impact of benefits for industry, where necessary.
- Provide training for code enforcement officials and industry.
- Interact with DHCD to provide uniform enforcement of model codes.

GOAL # 8 Ensuring financial viability of VPMIA

Initiative action:

- Align financial resources to organizational outcomes.
- Achieve goal objectives.
- Operate within budgeted plan.

Over 50 Years of Trusted Service

LEONARD-SPLAINE Heating & Cooling

Quality Equipment ~ Expert Installation ~ Prompt Service

FEATURING



TRANE



Quiet, Durable and Energy Efficient with Aerodynamic Air Flow

- Residential and Commercial Service
- Accredited Technicians
- Radio Dispatched Trucks
- Prompt Fuel Oil Deliveries
- Emergency Service
- Worry-Free Service Plans
- Duct Work
- Service on All Makes



STATE LICENSED • BONDED - INSURED

Call Us For Your Heating Oil Needs ... Prompt Delivery. Affordable Rates

703-494-2855

Call Us for Fast, Friendly Service & a Free Estimate

www.leonardsplaine.com

Serving The Communities Of Burke, Clifton, Fairfax Station, Lorton And Southern Springfield

ENERGY STAR and ACCA QA Recognition Program

The Environmental Protection Agency's ENERGY STAR™ for New Homes Program Version 3.0, initially launched on 1 January 2011, will be fully implemented on 1 July 2012. Continuing with the program's history of raising the bar for home energy performance, the new version's requirements for the design and installation of HVAC systems are more stringent than Version 2.0. This new version has many positive aspects that will surely benefit code officials in Virginia, including the requirement for HVAC contractors to be ACCA QA recognized as capable of consistently performing quality HVAC installations. However, a relaxed implementation schedule for some of the design requirements must be noted as they conflict with current Virginia code requirements.

ENERGY STAR raises the bar

For over a decade, the EPA has been raising the bar in home energy performance. It began in October of 1996 when the EPA

launched ENERGY STAR for qualified new homes, which recognized homes that were 30% more energy efficient than homes built to meet the existing model code requirements. ENERGY STAR subsequently developed specifications for residential heating and cooling products. With each passing year, the new homes program grew in public awareness and size, even expanding to include manufactured homes.

By 2003, half of the top US home builders were participating in ENERGY STAR for New Homes. 2006 proved to be a big year for the program with 12% (200,000 homes) of single family home starts earning the ENERGY STAR label. That year also saw the revision of the program specification, which went into effect in November. Three years later, the total number of qualified homes built surpassed the 1 million mark. Building on this momentum, the requirements for the new homes program have been raised again.

The more rigorous Version 3.0 stipulates that homes must now be compliant with the requirements of the ANSI/ACCA 5 QI (*HVAC Quality Installation Specification*) in order to receive the ENERGY STAR label. Qualifying homes must have all of the items on an HVAC System Quality Installation Contractor Checklist (a new Version 3.0 requirement) completed; noncompliance with any item will now prevent the homes from earning the label. This inspection checklist was designed specifically to align with the protocols in the ACCA 5 QI Standard. Further, the HVAC system installation work will be third-party verified by a qualified rater who will fill out an HVAC Quality Installation Rater Checklist (another Version 3.0 requirement). This checklist will protect the integrity of HVAC system inspections for participating homes.

Another aspect of Version 3.0 is that HVAC contractors must be recognized (such as by ACCA's Quality Assured Contractor Recognition Program). The pur-

Ensuring Mechanical System Quality in New Homes

Luis Romeo Escobar
Technical Services Engineer, ACCA

pose of this recognition is to enable homebuilders to identify those HVAC contractors that can comply with the provisions of ACCA 5 QI. Participants in the program have the proper licenses, registrations, insurances, and written internal business policies that render them capable of performing quality installations on an on-going basis.

Benefits for Mechanical Inspectors

With the implementation of Version 3.0, code officials can look forward to the following benefits:

1. ENERGY STAR supports code officials, as other parties are reviewing HVAC system design and installation for adherence to code requirements.
2. ENERGY STAR's primary focus on energy and water conservation. Not only are there required checklists for the thermal enclosure system and HVAC system quality installation, but

also for the water management system.

3. ENERGY STAR Version 3.0 fosters the development of a cadre of trained raters that will verify the quality installation of the HVAC and water management system in these homes.

Be Aware of Deviations!

Despite everything the program has in its favor, including the additional oversight of system design, inspectors must remain vigilant when conducting permit request reviews. This is because the EPA has relaxed some of the requirements found in ACCA 5 QI in order to assist the homebuilders in meeting the program requirements. Three specific deviations that EPA is temporarily permitting homebuilders are:

1. For a home model that will be built using multiple orientations, the equipment selection may be based on a load calculation that uses the worst-case compass orientation, regard-

less of the individual house orientation.

2. The outdoor design temperatures may deviate from the temperature values found in Manual J8 Tables 1A and 1B by $\pm 5^{\circ}\text{F}$.
3. A low resistance air path to the return is not required for all rooms.

These requirement relaxations will continue until 1 January 2013; however, these extensions directly conflict with the code minimums in Virginia. EPA's Version 3 National Program Requirements say the following about conflicts between ENERGY STAR program requirements and code requirements:

Note that compliance with these guidelines is not intended to imply compliance with all local code requirements that may be applicable to the home to be built. Where requirements of the local codes, manufacturers'

continued on next page

Quality Assured Contractors Program

The ACCA QA Program was launched in February 2011 in support of the EPA's ENERGY STAR for New Homes. The QA Program recognizes HVAC contractors that have implemented policies to effect quality installations on a consistent basis as defined in the Quality Assured Con-

tractor Elements in the ACCA 5 QI Standard. ACCA verifies that all program participants have the requisite licensing, insurance, and bonding. For detailed program information including a list of recognized program participants, please go to www.acca.org/qa.

installation instructions, engineering documents or regional ENERGY STAR programs overlap with the requirements of these guidelines, EPA offers the following guidance:

a. In cases where overlapping requirements exceed the ENERGY STAR guidelines, these overlapping requirements shall be met.

In the Commonwealth of Virginia, the applicable 2009 IRC code requirements are:

“M1401.3 Sizing. Heating and cooling equipment shall be sized in accordance with ACCA Manual S based on building loads calculated in accordance with ACCA Manual J or other approved heating and cooling calculation methodologies.”

“M1601.1 Duct design. Duct systems serving heating, cooling and ventilation equipment shall be fabricated in accordance with the provisions of this section and ACCA Manual D or other approved methods.”

The pertinent sections of the ACCA manuals J and D to the permitted deviations are the following:

Luis Romeo Escobar is the Technical Services Engineer for the Research & Technology Department of the Air Conditioning Contractors of America (ACCA).

1. “Manual J, 2-3 Protocols for Estimating Heating and Cooling Loads: Use the outdoor design conditions recommended by Table 1A of Manual J (unless superseded by local code).”

2. “Manual J, 3-7 Outdoor Design Conditions: Outdoor design conditions for Manual J and MJ_{8AE} are provided by Tables 1A and 1B.”

3. “Manual J, 2-3 Protocols for Estimating Heating and Cooling Loads: Consider orientation of the structure on the site.

a. Use the actual orientation whenever possible.

b. Use “best case – worst case” load estimates for cookie cutter designs that may have varying site orientations when built.”

4. “Manual D, 4-9 Low Resistance Return Path: An engineered, low resistance return path shall be provided for every room or space that receives supply air. This path may be through a ducted return grille, a transfer duct (fitted with two

return grilles) to a central return, or a door grille.”

Although the ENERGY STAR program currently allows the system designer to deviate from these requirements, they are superseded by code in Virginia. Thus the inspector should evaluate the design based on the appropriate requirements.

~ Conclusion ~

The changes to the ENERGY STAR for New Homes program have made it a more stringent program with regard to energy conservation, as well as an asset for code officials in Virginia and throughout the country. The program will lead to more efficient, correctly designed and installed HVAC systems that are verified by a rater for completion. ACCA's QA Recognition Program will position homebuilders to use only those HVAC contractors capable of doing work to recognized standards and codes. These enhancements may ameliorate the job of mechanical inspector; however, Virginia inspectors must remain watchful of any deviations from minimum code requirements. ♦

2013 will mark
VPMA's 50th
Annual School
of Instruction.

Be with us
next year!

ERNEST W. THURSTON & SON

PLUMBING CONTRACTOR

A FULL-SERVICE PLUMBING COMPANY
Residential & Commercial, Large — Small

- Drain cleaning
- Water heater/Water pump replacement
- Gas piping

Ernest W. Thurston & Son Plumbing

18 Greenwood Circle

Columbia VA 23038

O-434-589-6604/434-589-8424

C-804-370-1887

IN BUSINESS SINCE 1975 • FAMILY OWNED AND OPERATED

GRAPHIC DESIGN • CONSULTATION • ILLUSTRATION

703.527.1238

www.fitzart-d.com

Jane E. Fitzgerald



FITZGERALDART&DESIGN LLC

2011-2012 Associate Member Roster

(Life Members listed in **bold face**)

Ackerman, John
Ackerman Construction, Inc.
3251 Happy Hollow Road
Blacksburg, VA 24060
540-320-1536
540-961-6663 FAX
happyhollowroad@yahoo.com

Akers, Joseph C.
A & S Home Repairs, Inc.
85 Applewood Drive
Christiansburg, VA 24073
540-382-4869
540-382-4869 FAX
akersplumbing@verizon.net

Barbe, Phillip S., Jr.
Backflow Technology, LLC.
PO Box 1575
Sterling, VA 20167
703-450-5898
703-450-4108 FAX
Backflow07@aol.com

Bryant, Ronald D.
Bryant Group, Inc.
7891-B Beechcraft Avenue
Gaithersburg, MD 20879
301-670-2701
301-258-7368 FAX
ron.bryant@bryantgroupinc.net

Buckner, William W.
Greenbeck Enterprises
608 Van Fossen Street
Winchester, VA 22601
540-662-7638
540-662-1773 FAX

Burkert, Chris
Capital Inspections
P.O. Box 1321
Centreville, VA 20120
703-222-8826
cab2326@aol.com

Colton, Richard B.
Bryant Group, Inc.
7891-B Beechcraft Avenue
Gaithersburg, MD 20879
301-252-3308
301-258-7368 FAX
bruce.colton@bryantgroupinc.net

Crigler, Laurie & Daniel
Life Member
L & D Associates
P.O. Box 418
Aroda, VA 22709
540-948-6230
540-948-5617 FAX
lcc@ldassociatesinc.com

Edwards, Tim
Regional Engineer
Advanced Drainage Systems
13320 Meredith Pointe Way
Chesterfield, VA 23832
804-922-2289
804-739-2866 FAX
tim.edwards@ads-pipe.com

Estrada, Fernando
F.E.D. Plumbing
4106 Ivanhoe Lane
Alexandria, VA 22310
703-989-5942
703-329-4814 FAX

Fish, Roylee
Philbrick, Inc.
4999 Portsmouth Blvd.
Portsmouth, VA 23701
757-488-8367
757-488-0915 FAX
roy@philbrick-inc.com

Griffith, Randolph
President
Griffith Group, Ltd.
12155 O'Bannon's Mill Road
Boston, VA 22713-4160
540-547-5100
540-547-3420
griffithrw@msn.com

Harris, Gregory M.
Independent Technical Trainer
PO Box 454
Warrenton, VA 20188
703-869-2829
grappler77@yahoo.com

Hibbs, Evan C.
Evan C. Hibbs, Inc.
957 Chautauqua Ave
Portsmouth, VA 23707
757-393-7401
757-393-7403 FAX
evan@evanhibbs.com

Hines, Vic
Senior Field Technical Representative
Charlotte Pipe & Foundry Co.
3425 Manor Grove Circle
Glenn Allen, VA 23059
(P) 804-241-2426
(F) 804-348-9893
vhines@charlottepipe.com

Jinks, Scott
J & S Plumbing
P.O. Box 1628
Manassas, VA 20108
703-609-0791
luckyjinks1@aol.com

Jones, Mark T.
Clear Creek Water Works, LLC
P.O. Box 6122
Christiansburg, VA 24068
540-381-0768
mark@clearcreekwaterworks.com

Kelly, George
GssN
102 Lipizzaner Ct.
Stephens City VA 22655
540-514-7615
gssn-corp@hotmail.com

Kreutzer, Tom
Life Member
Woodbridge Plumbing, Inc.
2705 Code Way
Woodbridge, VA 22192
703-494-9666
703-494-0739 FAX

Leonard, Gary E.
President
Leonard-Splaine Company, Inc.
13300 Occoquan Road
Woodbridge, VA 22191
703-494-2855
703-494-8305 FAX
Leonard.gary@hotmail.com

VPMIA has tools you can use!

- **www.vpmia.org** — your resource for trade news, information on upcoming events, membership and registration forms, archives, and current membership data
- **Schools of Instruction** — DHCD-approved classes, trade-based lectures on current hot topics, opportunities to network with other code officials and industry representatives
- **Membership benefits** — reduced-cost education, international plumbing and mechanical code participation, a stronger voice in government, and being part of a respected, Virginia organization with a commitment to excellence
- **Leadership opportunities** — become a certified instructor; serve on a Committee, or as an Officer or Board member

Get your tools now. You can download the membership application from www.vpmia.org.

Connect with VPMIA today.



Associate Member Roster—continued

Lindsey Sr., James E.
Lindsey Brothers, Inc.
865 Newtown Road
Virginia Beach, VA 23462
757-497-4633
757-497-0924 FAX

Lindsey, Jessie R.
Hot Water Services
924 Albert Avenue
Norfolk, Va. 23513
757-237-8287

Lindsey, Joseph C.
Joseph C. Lindsey, PC
500 E. Plume Street #301
Norfolk, VA 23510
757-623-6522
757-623-7020 FAX
jlindseypc@aol.com

Maher, J. Richard
Life Member

307 Cadmus Circle
Gordonsville, VA 22942
703-832-5313

Martin, H.W. Bill
Tidewater Plumbing, Heating, & AC
1440 Braden Crescent
Norfolk, VA 23502
757-855-6112
bm23502@msn.com

Martin, Michael A.
Rightway Maintenance, Inc.
8432 Tidewater Drive
Norfolk, VA 23518
757-737-6155

Maupin, David
Life Member

W.E. Brown, Inc.
915 Monticello Road
Charlottesville, VA 22902
434-295-1177
434-979-1394 FAX
dave@webrown.com

May, Ricky A.
Plumbing Specialists, Inc.
41-B West Main Street
Salem, VA 24153
540-387-2153
540-387-3595 FAX
plumberpilot1@aol.com

McGreal, Michael
Firedyne Engineering, PC.
18222 Cork Road
Tinley Park, IL 60477
708-633-8140
708-633-1569 FAX
firedyne@comcast.net

McManus, Vincent James
ClimateMakers Ltd. of VA
4803 Bayshire Court
Virginia Beach, VA 23462
757-739-2370
eddievincent@msn.com

Meyer, Richard
30 Cannon Bluff Drive
Stafford, VA 22554
540-226-9606
dick.meyer@gaic.com

Moore, Clarence
Project Inspector
11936 Old Washington Highway
Glen Allen, VA 23059
804-368-7813
moore10813@comcast.net

Muncy, James B.
Life Member

President, MAMS, Inc.
7711 Mendota Drive
Richmond, VA 23229
804-288-5664
804-282-1620 FAX

O'Brien, J. Vincent
John Y. Wright Company, Inc.
6111 Atlantic Ave.
Virginia Beach, Va. 23451
757-435-8101
757-489-4918 FAX
vincent@johnywright.com

Otto, Jay
Life Member

Jay Otto Enterprises, Inc.
P.O. Box 6005
Ashland, Va. 23005
804-387-3001
jayotto@ottosales.com

Payne, Fred Wayne
Bryant Group, Inc.
P.O. Box 244
Flint Hill, VA 22627
240-299-3369
301-670-2720 FAX
wayne.payne@bryantgroupinc.net

Philbrick Jr, Kenneth Neil
Philbrick, Inc.
4999 Portsmouth Blvd.
Portsmouth, VaA 23701
757-488-8367
757-488-0915 FAX
neil@philbrick-inc.com

Rahmani, Bruce
President
Falcon HVAC, Inc.
21625 Ashgrove Court
Sterling, VA 20166
703-450-7777
703-450-6311 FAX
brucer@falconhvac.com



GREELEY POND TECHNOLOGIES, INC.

Reston, VA 20190
www.greeleypond.com

Rao, Jr., Charles T.
Richmond Marketing, Inc.
2535 Mechanicsville Turnpike
Richmond, VA 23223
804-643-7355
804-643-7380 FAX
rmi@ricmrk.com

Sargeant, Jonathan D.
8442 Alban Road
Springfield, VA 22150
(703) 946-5848
(571) 830-1535 Fax
JSargeant@thejoyceagency.com

Sawning, Jason L.
Philbrick, Inc.
4999 Portsmouth Blvd.
Portsmouth, VA 23701
757-488-8367
757-488-0915 Fax
jason@philbrick-inc.com

Sherman, Donald
Climate Makers of VA
2805 Crusader Circle
Virginia Beach, VA 23453
757-468-5800
757-468-5805 FAX
dsherman@cox.net

Simounet, Craig
President, Capital Mechanical, LLC
45037 Moran Drive
Dulles, VA 20166
703-443-9323
703-433-9579 FAX
csimounet@aol.com

Smith, James S.
Lifetime Member
5900 A Thurston Avenue
Virginia Beach, VA 24355
757-464-2934
757-464-2934 FAX

Sovern, Robert J.
Atlantic Constructors, Inc.
1401 Battery Brooke Parkway
Richmond, VA 23237
804-222-3400
804-233-5970 FAX
robertsovern@atlanticconstructors.com

Stakes, Don
Discount Plumbing
3020 Arizona Avenue
Norfolk, VA 23513
757-497-2115
757-857-6173 FAX
don@discountplumbinginc.com

Steinle, Jim
Life Member
Owner
Atomic Plumbing
1377 London Bridge Road
Virginia Beach, VA 23453
757-464-2934
757-363-8403 FAX
Jim@atomicplumbing.com

Strong, Brian A.
Strong's, Inc.
918 Clifford Street
Pearisburg, VA 24134
540-921-2545
540-921-5116 FAX
stronginc@verizon.net

Thuot, Michael
St.Claire Consulting, Inc.
3197 Adam Keeling Road
Virginia Beach, VA 23454
757-496-0355
757-496-2594 FAX
mt@scicode.com

Vojvodich, Dennis
Monument Inspection Services
3900 Westerre Pkwy Suite 300
Richmond, VA 23233
804-727-0050
804-727-0051 FAX
dennis@monumentinspections.com

West, Charles H.
Wells 7 West, Inc.
P.O. Box 129
Murphy, NC 28906
828-837-2437
828-837-3152 FAX
cwest@wellswest.com

Wines, Ali
Executive Director
PMPV/VAPHCC
PO Box 6
Centreville, VA 20122
800-947-7450
800-947-7415 FAX
info@pmpv.org

Wood, Tommy
CEO
Woodbridge Plumbing, Inc.
2705 Code Way
Woodbridge, VA 22192
703-494-9666
703-494-0739 FAX
twood@woodbridgeplumbing.com

Zoby, Jr., Andrew T.
A.T. Zobi Mechanical
3348 Azalea Garden Road
Norfolk, VA 23513
757-857-3700
757-857-3800 FAX



**VPMIA
Summer School
of Instruction**

Friday, July 27, 2012

**Visit www.vpmia.org
for details.**



Constitution and By-Laws

ARTICLE I — The Name, Seal, and Address of this Association

Section 1. The name shall be the Virginia Plumbing and Mechanical Inspectors Association; herein and hereafter referred to as the Association.

Section 2. The seal shall be as indicated below:

Section 3. The address shall be that of the Executive Secretary or as otherwise designated by the Board of Directors.



ARTICLE II — Objectives

Section 1. The objectives of the Association are:

- A. To participate in the formulation of Virginia Plumbing and Mechanical Code provisions.
- B. To promote uniform understanding and application of the Virginia Uniform Statewide Building Code.
- C. To promote and secure uniform inspection methods throughout the Commonwealth of Virginia.
- D. To promote closer industry unity between code officials, governing agencies and the private sector.
- E. To promote and improve the standard of professional plumbing and mechanical inspectors.
- F. To provide professional development through an annual education and training seminar which shall be known as the School of Instruction.
- G. To encourage growth of the Association by providing enhanced services to its members and by promoting strong leadership values, respect and the pursuit of common goals.

ARTICLE III — Membership

Section 1. Active membership shall be open to code officials actively engaged in plumbing and/or mechanical code enforcement. Application for membership shall be in writing and submitted to the Executive Secretary.

Section 2. Associate and student memberships shall be open to those persons interested in the design, manufacture, installation or sale of plumbing and/or mechanical systems/products.

Section 3. Retired membership shall be open to those members submitting written application for retired status to the Executive Secretary.

Section 4. Life membership may be extended only to Active and Associate members who have significantly contributed to promoting the objectives of the Association. Life members may be nominated and approved by the general membership at the third general membership meeting. Life membership shall be limited to one Active member and one Associate member per calendar year.

Section 5. Charter members are those who founded the Association.

Section 6. Honorary membership shall be open to those persons who are not members of the Association but have made a significant contribution in promoting the objectives of the Association.

Section 7. Application for associate, student and honorary member-

ships shall be in writing, submitted to the Executive Secretary and reviewed by the Board of Directors for approval.

Section 8. All members shall conduct themselves in accordance with the Associations Code of Ethics and shall be willing to promote the objectives of the association.

ARTICLE IV — Board of Directors

Section 1. The Association shall be governed by a Board of Directors, herein and hereafter referred to as the Board, which shall consist of the elected officers, District Directors, the Director-at-Large and the Chairperson of each standing committee.

Section 2. The Board shall manage the policies, business, property and affairs of the Association.

Section 3. Officers

- A. The officers of the Association shall consist of a President, Vice President, Secretary and Treasurer. The officers shall be Active members and shall be elected and installed during the annual School of Instruction.
- B. The officers shall hold office from the close of the annual School of Instruction through the close of the annual School of Instruction of the following year. Officers shall serve no more than two consecutive terms in the same office.

Section 4. Directors

- A. A total of four active members may be elected as District Directors. The Directors shall be Active members and shall be elected and installed during the annual School of Instruction.
- B. The Directors shall hold office from the close of the annual School of Instruction through the close of the annual School of Instruction the following year.
- C. Each District shall consist of all cities, towns and counties as outlined in Appendix A.
- D. The Director-at-Large shall be the immediate Past President.
- E. Non-voting Ex-officio members on the Board of Directors shall include the President, or his or her duly appointed representative, of the Virginia Chapter of the International Association of Electrical Inspectors, The Virginia Fire Prevention Association, and The Virginia Building Code Officials Association.

Section 5. In the event that an Officer or Director resigns, the Board shall appoint, as soon as possible, an Active member to fill the unexpired term.

Section 6. Appointments

- A. An Executive Secretary shall be appointed by the Board for a maximum term of five years or as determined by the Board. Compensation of services rendered shall be as approved by the Board.
- B. A Director of Finance shall be appointed by the Board for a maximum term of five years or as determined by the Board. Compensation of services rendered shall be as approved by the Board.

Section 7. General duties

- A. Board members shall review the draft General Membership or Board of Director meeting minutes and return

corrections within 5 business days after receipt of such draft minutes.

**ARTICLE V — Duties of the Officers, Directors,
Executive Secretary and Finance Director**

Section 1. The President

- A. To preside over all meetings.
- B. To select all committee chairpersons except the finance and the nominating committees.
- C. The President may appoint members to represent the Association on local, state or national committees, boards and similar entities when such representation is requested or provided for by regulation or statute. Appointments shall not conflict with the Association's by-laws or code of ethics.
- D. To be an ex-officio member of all committees except the nominating committee.
- E. To perform such other duties applicable to the office as prescribed by the parliamentary authority adopted by the Association.

Section 2. The Vice President

- A. To assist the President at all meetings.
- B. To preside over all meetings in the absence of the President.
- C. To perform such other duties as applicable to the office as prescribed by the parliamentary authority adopted by the Association.

Section 3. The Secretary

- A. To assist the presiding officer with the orders of business and to distribute correspondences to all members present.
- B. Notification of meetings.
 1. To send to all Board members a notice of every Board meeting at least twenty days in advance of such meeting.
 - a. Ten days notice, including an agenda, shall be given for all special meetings.
 2. To send all members a notice of every General Membership meeting at least thirty days in advance of such meeting.
- C. The Secretary shall, electronically or by mail, send the draft Board of Director or General Membership meeting minutes to the Board of Directors for comments and revisions within seven business days after the conclusion of the meeting.
- D. To maintain and have available at all meetings the official minute book.
- E. To record the voting at all meetings.
- F. To send letter ballots to all Board members not present at meetings for which there is no quorum.
- G. To perform such other duties as applicable to the office as prescribed by the parliamentary authority adopted by the Association.

Section 4. The Treasurer

- A. To accurately record and post all funds received and disbursed.

- B. To pay all bills that have been approved as per the budget or by the Board.
- C. To submit a quarterly report of the Association's finances to the Finance Committee.
- D. To submit a report of the Association's finances at all meetings, except special meetings unless included in the special meeting agenda.
- E. To maintain the financial records of the Association on a fiscal year from May 1 through April 30, unless otherwise approved by the Board.
- F. To be a standing member of the Finance Committee.
- G. To perform such other duties as applicable to the office as prescribed by the parliamentary authority adopted by the Association.
- H. The Board of Directors has the authority to require the Treasurer be bonded as deemed necessary. If the Board of Directors determines that a bond is required, the value, timeframe and terms of the bond shall be established in a board-adopted policy. The Association shall pay the bond premium and any other costs associated with the bond.

Section 5. The District Director

- A. To attend the Board and General Membership Meetings per term of office.
- B. To assist in the management of the Association.
- C. To report any concerns of the members within their district to the Board.

Section 6. The Executive Secretary

- A. To prepare for the Board all business that has not been assigned to others.
- B. To present or have presented at all meetings all reports received from committee chairpersons.
- C. To recommend plans of work and conduct the general business of the Association under the direction of the Board and the General Membership.
- D. To be a standing member of the School of Instruction Committee.
- E. To authorize both active and/or retired membership status.
- F. To maintain all membership applications.
- G. To receive the letter of resignation of an Officer or Director and present it at the next Board meeting.
- H. To send to each Director a current roster of all members within their respective districts no more than thirty days after the third General Membership meeting.
- I. To maintain and have available at all meetings a current roster which lists only members in good standing by district affiliation.
- J. To send all membership renewals by December 1 of each year.

Section 7. The Director of Finance

- A. To coordinate the finances of the Association.
- B. To serve as the chairperson of the Finance Committee.

(continued next page)

ARTICLE VI — Committees

Section 1. The number of committee members, mentioned below, includes the chairperson. Standing Committee chairpersons are appointed by the President, see previously in the text, Article V, Section 1.B. Standing Committee members are selected by the committee chairperson as stated hereinafter in this Article or are established within the description of the committee. Standing Committee members that are established by the text are in addition to those members appointed and selected. Standing Committees may include, but are not limited to. The following:

- A. An Advertising and Yearbook Committee, composed of five members, shall be appointed within thirty days after the third General Membership meeting. It shall be the duty of this committee to manage an advertising campaign and publish the yearbook for the Association's School of Instruction.
- B. An Auditing Committee, comprised of three members, shall be appointed within thirty days after the third General Membership meeting. It shall be the duty of this committee to audit the Treasurer's account(s) at the close of the calendar year and report at the fourth regular Board meeting. The Treasurer shall not be a member of this committee.
- C. An Awards Committee, comprised of five members, shall be appointed within thirty days after the third General Membership meeting. It shall be the duty of this committee to select and present, the awards for Outstanding Service to the Active and Associate members of the Association and the awards to the individuals that are the outstanding plumbing and mechanical apprentice of the year.
- D. A By-laws Committee, comprised of five members, shall be appointed within thirty days after the third General Membership meeting. It shall be the duty of this committee to review, discuss, prepare and recommend, to the Association, any necessary changes to the Association's By-laws in order to maintain current directives for the administration of the Association.
- E. A Certification, Education, and Training Committee, comprised of five members, shall be appointed within thirty days after the third General Membership meeting. It shall be the duty of this committee to organize educational classes for the School of Instruction.
- F. A Finance Committee, comprised of three members, the Treasurer and the Finance Director, shall be appointed within thirty days after the third General membership meeting. It shall be the duty of this committee to prepare a budget for the fiscal year and submit it to the Board for approval at its last scheduled meeting prior to the third General Membership meeting. The committee may submit amendments to the current budget at any regular meeting. The committee shall prepare and submit any other reports as directed by the Board.
- G. A Legislative Committee composed of three members, shall be appointed within thirty days after the third General Membership meeting. It shall be the duty of this committee to attend as many Virginia General Assembly meetings as possible and to be observant of new regulations. This committee will review, discuss and report to the Board of Directors and the General Membership, any legislature or regulations that will directly or indirectly effect the Association or its members.
- H. A Membership and Website Committee, comprised of five members, shall be appointed within thirty days after the third General Member-ship meeting. It shall be the duty of this committee to keep the website current and updated. The website shall be the source of Association meetings, dates, membership and advertisement applications, Association and public information and other Association information.

- I. A Nominating Committee shall be comprised of the five most immediate past presidents of the Association willing to serve in this capacity. The most immediate past president on the committee shall serve as the chairperson. It shall be the duty of this committee to nominate, at the third General Membership meeting, candidates for the offices to be filled. Before the election, additional nominations from the floor shall be permitted.
- J. A Plumbing, Mechanical and Fuel Gas Code Committee, composed of all Association members willing to participate, the chairperson shall be appointed within thirty days after the third General Membership meeting. It shall be the duty of this committee to review, discuss and recommend necessary changes that apply to the Commercial and Residential Plumbing, Mechanical and Fuel Gas Codes.
- K. A School of Instruction Committee, comprised of the Executive Secretary, the chairperson shall be appointed within thirty days after the third General Membership meeting. It shall be the duty of this committee to plan the program for the next Annual School of Instruction.
- L. A Time and Place Committee, comprised of five members, shall be appointed within thirty days after the third General Membership meeting. It shall be the duty of this committee to review the date and location of all General Membership meetings and submit a report and recommendation to the General membership for approval at least twelve months prior to such meeting.

Section 2. Duties of the Committee Chairperson

- A. To submit, in writing, all committee findings and recommendations to the Executive Secretary at least ten days prior to any meeting, except special meetings, unless specified on the agenda. If the chairperson or members of the committee is in attendance at the meeting, such written report shall not be required.
- B. To select all committee members not specifically provided for in other sections of these by-laws and report their names to the Executive Secretary within thirty days of their appointment.

Section 3. A Special Ad Hoc Committee shall be appointed for a specific purpose when necessary.

- A. The committee shall be under the authority and direction of the Board, unless specifically provided herein.
- B. The committee shall be comprised of at least five members.
- C. It shall be the duty of this committee to carry out a specified task and present it to the Board.
- D. The committee chairperson shall not be granted the voting privileges as a Standing Committee Chairperson.

ARTICLE VII — Voting

Section 1. Only Active, Charter and Lifetime Active members who are in good standing shall have the right to vote.

Section 2. All members shall have the right to make and second motions.

ARTICLE VIII — Meetings

Section 1. Three General Membership meetings shall be held each year. The first shall take place approximately fourteen days prior to or fourteen days after August 1. The second shall take place approximately thirty days prior to or thirty days after November 15. The third shall take place approximately fourteen days prior to or fourteen days after April 1, during the Annual School of Instruction.

Section 2. Four Board meetings shall be held each year at a time and

location determined by the President. The first shall be held at least sixty days prior to the first General Membership meeting. The second shall be held at least sixty days prior to the second General Membership meeting. The third on the day of the second General Membership meeting and the fourth at least thirty days prior to the third General Membership meeting. A quorum shall consist of at least seven Board members. Action taken by less than seven Board members shall be null and void unless confirmed by a letter ballot from those members who were absent.

Section 3. Special Board meetings may be called by the President. Such meetings may also be called by the Board with the written request of at least seven members. The purpose of the meeting shall be stated in the call. The location of the meeting shall be determined by the President. At least ten days notice shall be given. A quorum shall consist of at least seven Board members. Action taken by less than seven Board members shall be null and void unless confirmed by a letter ballot from those members who were absent.

ARTICLE IX — Dues

Section 1. Annual Dues

- A. Active membership shall be thirty dollars per calendar year.
- B. Associate membership shall be thirty-five dollars per calendar year except those who have paid for five consecutive years shall only be required to pay thirty dollars per consecutive calendar year thereafter.
- C. Retired membership shall be ten dollars per calendar year.
- D. Charter and Life membership shall be absorbed by the Association.

Section 2. No members shall be in good standing whose dues are not paid by March 1 of each year and shall not be maintained on the membership roster if not paid by December 31.

Section 3. Dues may only be revised at General Membership meetings.

ARTICLE X — Amendments

Section 1. The Constitution and By-Laws may be amended by two-thirds vote at any General Membership meeting, provided that the proposed amendment has been submitted in writing at a previous General Membership meeting.

ARTICLE XI — Parliamentary Authority

Section 1. The current edition of Robert's Rules of Order Newly Revised shall be the Association's final authority on all questions of procedure and parliamentary law not covered by the Constitution and By-Laws nor any special rules of order the Association may adopt.

APPENDIX A — Districts of The Virginia Plumbing and Mechanical Inspectors Association

District I Shall be the area, including all cities and town that lie therein, created by the counties of Augusta, Arlington, Clark, Culpeper, Fairfax, Fauquier, Frederick, Greene, Highland, Loudoun, Madison, Orange, Page, Prince William, Rappahannock, Rockingham, Shenandoah, Spotsylvania, Stafford and Warren.

District II Shall be the area, including all cities and towns that lie therein, created by the counties of Alleghany, Amherst,

Appomattox, Bath, Bedford, Bland, Botetourt, Buchanan, Campbell, Carroll, Craig, Dickenson, Floyd, Franklin, Giles, Grayson, Henry, Lee, Montgomery, Patrick, Pittsylvania, Pulaski, Roanoke, Rockbridge, Russell, Scott, Smyth, Tazewell, Washington, Wise and Wythe.

District III Shall be the area, including all cities and towns that lie therein, created by the counties of Albemarle, Amelia, Brunswick, Buckingham, Caroline, Charlotte, Chesterfield, Cumberland, Dinwiddie, Fluvanna, Goochland, Greensville, Halifax, Hanover, Henrico, King George, Louisa, Lunenburg, Mecklenburg, Nelson, Nottoway, Powhatan, Prince Edward, Prince George, Surry and Sussex.

District IV Shall be the area, including all cities and towns that lie therein, created by the counties of Accomack, Charles City, Essex, Gloucester, Isle of Wight, James City, King and Queen, King William, Lancaster, Mathews, Middlesex, New Kent, Northampton, Northumberland, Richmond, Southampton, Suffolk, Westmoreland and York.

According to History, these By-laws were adopted November 1962. Amended April 1988, December 1990, December 1994, April 2006, April 2007, April 2008, October 2010, and July 29th, 2011.

Participate

in VPMIA



Attend any of the four Board of Directors meetings and three General Membership meetings throughout the year. Check the VPMIA website, www.vpmia.org for the most current meeting information.

Ladies Auxiliary Program

VPMIA Ladies Auxiliary will gather in Blacksburg to celebrate VPMIA's 50th year. Some of us will help with Registration on Wednesday morning. The President's Welcome will be one opportunity to mingle and Casino night will follow that, but we will not start our own activities until Thursday.

On Thursday, March 29, Ethel Showman will conduct an informal class in jewelry making followed by a drive over to Virginia Tech to see their beautiful gemstone display at 11:00 a.m. This unique opportunity provides a rare glimpse at some of nature's most beautiful "artwork". The staff promised some surprises as part of this tour. There will be some time to visit the gift shop that features various gemstones for sale.

Thursday includes lunch at one of Blacksburg's downtown restaurants, along with our informal Ladies

Auxiliary Business Meeting—to approve last year's minutes, elect our new officers for 2012-2013 and attend to any pertinent business brought up. The rest of the afternoon is open so that folks can shop in the downtown if they like. Of course the banquet, with installation of officers, will take place later that evening.

Don't forget about Friday morning B-I-N-G-O — be ready for some fun in the competition and prizes! Snacks, drinks, etc. will be available at the craft/B-I-N-G-O room.

Updates or schedule changes will be posted at the VPMIA Registration Table.

Ladies attending the SOI may join in any of the activities as our guests.

2011-2012 Roster as of February 2012

Sherry D. Rimel (President)
VPMIA (Paul)
1159 New Hope Road
Staunton, VA 24401
540-688-7106 (H)
540-332-7086 (W)
rimelsd@gmail.net
sherry.rimel@wwrc.virginia.gov

Mary Thuot (Vice President)
VPMIA (Michael)
3197 Adam Keeling Road
Virginia Beach VA 23454
757-496-0355
mthuot2686@aol.com

Jane Fitzgerald (Secretary/Treasurer)
VPMIA (Ron Bladen)
5716 7th Street, North
Arlington, VA 22205
703-527-4210 (H)
703-527-1238 (W)
msfitz13@verizon.net

Teresa Hudson
VPMIA (Charles)
1010 W Atlantic St
South Hill, VA 23970
434-447-7905
Teresa.Hudson@southside.edu

Joyce Jackson
P.O. Box 50
New Kent, VA 23124
804-966-8511
jbjackson@courts.state.va.us

Tammy Kushner
VPMIA (Wayne)
124 Woodward Ct
Front Royal VA 22630-6836
wkush32@comcast.net

June Seay
VPMIA (John)
280 Coles Rolling Road
Scottsville, VA 24590
434-286-3139
seayit2@yahoo.com

Ethel Showman
VPMIA (Geary)
1221 St. Luke Road
Woodstock, VA 22664
540-459-2789
eshowman@shentel.net

Sandy Tomberlin
VPMIA (Guy)
1358 Ebenezer Road
Bluemont, VA 20135
540-554-2765 (H)
703-324-1817 (W)
sandytomberlin@wildblue.net

Cathy Harper
VPMIA (Skip)
571 Factory Mill Rd.
Bumpass, VA 23023
540-556-2375 (H)
804-683-9337 (W)
Cathyoharper@yahoo.com



**Commercial & Residential Boilers
(40,000-4,000,000 BTU)
Volume Water Heating Packages
Control Systems
Pool & Spa Heaters**



FIELD CONTROLS

**Leading Mfg. of draft, venting,
& combustion air products**

IAQ Technology

"Healthy Home Systems"

"Fresh - Clean - Pure"



**Pumps from 6 Watts to 500 HP
Variable speed Stratos
Circulators w/ECM Technology
Up to 80% energy savings!**



**Tankless Water Heaters & Boilers
98% Condensing Efficiency
Eco-Friendly Technology
.1 GPM Flow Capability
No 'Cold Water Sandwich'
PVC Venting
15-Year Warranty**



Represented by...

3401 Pennsy Drive • Landover, MD 20785 • 800-556-7556 • 301-772-1700 • Fax 301-772-0319

3001 Impala Place • Richmond, VA • 23228 • 804-266-0079 • Fax 804-266-0280

www.harryeklof.com E-mail: info@harryeklof.com



CONSTRUCTION

Trade Services

Architects - Engineers - Builders



Repairs - Remodeling
Commercial New Construction
Backflow Installations, Repairs & Certification



2006
Prince William
Regional Chamber
of Commerce
"Large Business
of the Year"

Local

703-494-9666

Toll-Free

1-800-FIX-MY-LEAK
(1-800-349-6953)

Quality Service Since 1973

Members of BBB, PHCC and PMPV

2705 Code Way • Woodbridge, VA 22192 • www.woodbridgeplumbing.com
Willie Johnson, President • Thomas Wood, CEO

KD **NAVIENT**



FERGUSON®

COUNT ON US

1,350 locations. All 50 states. 300 showrooms. 17,000 associates.
59 years in business.

At Ferguson, it's true that our inventory is huge with thousands of your top items in stock every day. And we fill your orders accurately and right away. But there is one thing we supply that plumbing professionals have come to rely on again and again for over 59 years - our people. Our associates make certain you can count on Ferguson - where friendly service, expertise, and a willingness to go the extra mile are never in short supply.



PLUMBING.
FIXTURES.
APPLIANCES.
LIGHTING.



Please visit us at one of our 69 locations throughout Virginia.
Visit our website for the location nearest to you.

FERGUSON.COM



Nobody expects more from us than we do®

© 2012 Ferguson Enterprises, Inc. All rights reserved.



Representing These Premier Manufacturers

PVF

AMES COMPANY: Fire system backflow and fluid control

CHARLOTTE PIPE & FOUNDRY: Complete system of cast iron, PVC, CPVC, ABS, Flowguard Gold, and Chem Drain acid waste. Pipe and fittings for commercial, industrial, and residential applications

DORMONT: Flexible, stainless steel connectors for natural gas, liquified propane (LP) gas, and a wide-array of other liquids and gases

FEBCO: Backflow prevention devices for irrigation and water service

MISSION RUBBER: Flexible rubber no-hub and heavy weight couplings for hubless cast iron systems

MUELLER STEAM SPECIALTY: Strainers, check valves, butterfly valves, and specialties

OATEY-SCS: Plumbing chemicals, cements, drains, tubular products and specialties manufactured by Oatey Hercules, Harvey, Cherne and Dearborn

SAFE-T-COVER: Aluminum and fiberglass backflow enclosures

TRACPIPE: Corrugated stainless steel gas piping for residential and commercial applications

WATTS REGULATOR: Backflow prevention products, pressure regulating devices, ball and butterfly valves, plus other water system products for commercial, industrial and residential applications

WATTS PEX: Pex tubing and accessories for plumbing, cooling, and radiant heating

Fixtures

AQUATIC: Fiberglass and acrylic bath ware, including whirlpools and handicap accessible bathing fixtures

DURAVIT: Leading supplier of sanitaryware ceramics, bathroom furniture, accessories and wellness ideas

ELKAY: Stainless steel sinks, faucets, and accessories, plus water coolers and drinking fountains for residential and commercial use

ETERNAL WATER HEATER: Water heaters that combine tank and tankless features to create a consistent water heating system

GEBERIT: Concealed installation systems for residential wall-hung toilets, as well as bath waste and overflows for bathtubs

HANSGRÖHE: Stylish and innovative water delivery for the shower, bath and kitchen

SLOAN VALVE COMPANY: Electronic and manual flush valves, sensor faucets, and waterfree urinals

Commercial

GRUNDFOS PUMPS: Circulator, submersible, and centrifugal pumps for commercial, industrial, and residential applications

HOLDRITE: Secondary piping support devices, acoustical abatement products, other engineered solutions

J.R. SMITH: Engineered plumbing and drainage products

RAINWATER MANAGEMENT SOLUTIONS: Siphonic Roof Drains – Vortex Filters and Accessories

Contact your Joyce Agency RPG rep or The Fixtures Group for information about luxury residential products by:
Brasstech, Ginger, Steamist and others.

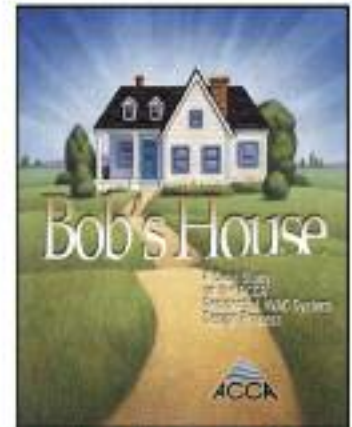
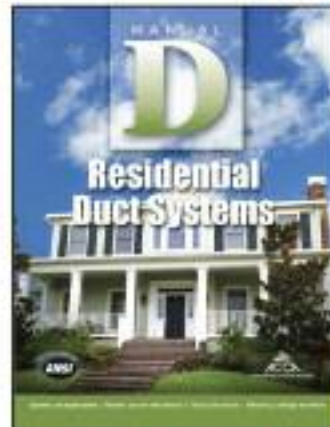
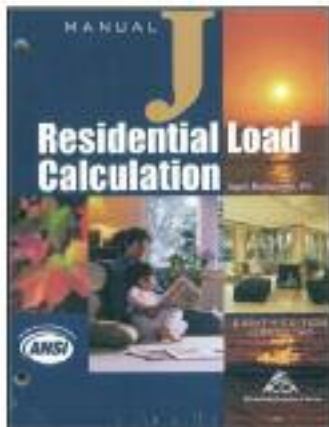
YOUR HVAC RESOURCE CENTER

The image shows a detailed form titled "Residential Plans Examiner Review Form for HVAC System Design (Loads, Equipment, Ducts)". The form is organized into several sections: "HVAC LOAD CALCULATION", "HVAC EQUIPMENT SELECTION", and "HVAC DUCT DISTRIBUTION SYSTEM DESIGN". Each section contains various input fields for design parameters such as outdoor and indoor temperatures, humidity ratios, and equipment specifications. There are also checkboxes for "REQUIRED" and "ATTACHED" items. At the bottom, there are fields for the examiner's name, signature, and date, along with a note about the form's use for code officials.

Residential Plans Examiner's HVAC Review Form

This form was developed to support an AHJ that desires to enforce the required HVAC system design process (2009 IRC M1401.3 and M1601.1). The form is completed with key information that allows you to provide a quick and simple evaluation of just a few objective HVAC system design aspects. To download a **free** copy of the form and the step-by-step explanation document, visit www.acca.org/industry/codes. The form can be modified and customized with your logos, phone numbers, addresses, or other information for internal department use.

You can purchase these essential code reference materials (*ACCA Manual J, S, & D*) for your library at www.acca.org/store. Also look for *Bob's House*, the illustrated guide through the residential HVAC design process written for code officials.



**FOR TECHNICAL SUPPORT AND OTHER
BENEFITS OF ACCA MEMBERS,
PLEASE VISIT WWW.ACCA.ORG OR
CALL 703-575-4477**