



## OCTOBER 2010 | HEADLINES

- » South Dakota Adopts 2009 UPC, 2010 Green Plumbing and Mechanical Code Supplement
- » IAPMO Solicits Public Comments for 2012 UPC and UMC
- » Daniels Elected IAPMO President at 2010 Conference
- » ASSE Releases a White Paper to Address Scald Hazards Associated with Low-Flow Showerheads
- » EPA Observes Children's Health Month
- » DOE Takes Action to Stop Sales of Standards Violating Air Conditioners
- » IAPMO Becomes An Endorsing Association of AHR Expo
- » **Attention** — Bylaws Change and Resolution Notice
- » Industry Calendar | Upcoming Seminars

## South Dakota Adopts 2009 UPC, 2010 Green Plumbing and Mechanical Code Supplement

The state of South Dakota, home of Mount Rushmore and the Black Hills, has formally adopted the 2009 edition of the *Uniform Plumbing Code® (UPC)*, as well as the new *IAPMO Green Plumbing and Mechanical Code Supplement (GPMCS)* — the first state to do so.

Updating from the 2003 edition of the *UPC*, South Dakota's first statewide adoption of IAPMO's code, the provisions of the 2009 *UPC* will govern the design, installation and maintenance of plumbing systems throughout the predominantly rural state and protect the health and safety of the more than 800,000 South Dakotans who utilize them.

After receiving authority from the South Dakota legislature and subsequent public hearings, the South Dakota State Plumbing Commission adopted the 2009 *UPC* with state amendments, all of which became effective Sept. 21, 2010. Part of the adoption process also included the 2010 *GPMCS*; however, the supplement was deemed to be a non-mandatory referenced standard and is applicable only when plumbing systems or installation methods are not referenced in the 2009 *UPC*. Recognizing the *GPMCS* is a step toward allowing the new technology in water reuse systems to be utilized while maintaining public health and safety.

South Dakota's choice to continue with the *UPC* is a tool to continue licensing reciprocity agreements with neighboring states and states afar that also utilize the *UPC*, as well as to assure conformity among in-state and out-of-state engineers designing projects in South Dakota according to Mike Richards, executive director of the South Dakota State Plumbing Commission. The commission recognizes the fact that the *UPC* is adopted, written and revised by plumbers and inspectors who best know installation practices and maintenance of plumbing systems.

"South Dakota requires continuing education for its tradespeople, so as a user of the *UPC* and a member

## CONTACT US

International Association  
of Plumbing and Mechanical  
Officials

4755 E. Philadelphia St.  
Ontario, CA 91761 USA  
Phone: 1-909-472-4100

Fax: 909-472-4150

E-mail: [iapmo@iapmo.org](mailto:iapmo@iapmo.org)  
Website: [www.iapmo.org](http://www.iapmo.org)

IAPMO's Codes & Services  
Department toll-free phone number:  
1-800-85-IAPMO  
1(800-854-2766)  
Publications - ext 1  
Education/Seminars - ext 2  
Inspector & Contractor  
Certification - ext 3  
Code Development  
Questions - ext 4  
Code Questions - ext 5  
Membership - ext 6

Become a fan of IAPMO:



Check out IAPMO videos



OFFICIAL MAGAZINE

of IAPMO, we have been able to utilize code training from IAPMO, as well as utilizing IAPMO's on-site training programs," Richards said. "With the *UPC* in place, South Dakota will continue to provide consumers with safe and sanitary plumbing systems while at the same time allowing for future latitude for innovation and new technologies."

Introduced in Los Angeles in 1928 and formally published as the *Uniform Plumbing Code* in 1945, the *UPC* is developed to govern the installation and inspection of plumbing systems as a means of promoting the public's health, safety and welfare.

Released in February, the *IAPMO GPMCS* serves as a complement to any adopted plumbing and mechanical code, smoothly bridging the previously troublesome gap between existing codes and established green building programs. Where code language and green building concepts lack cohesion, the *GPMCS* creates harmony by addressing such areas as alternate water sources, high-efficiency plumbing products, conservation of hot water and training/education.

[<Return to top>](#)

---

## IAPMO Solicits Public Comments for 2012 UPC and UMC

IAPMO, publisher of the *Uniform Plumbing Code (UPC®)* and *Uniform Mechanical Code (UMC®)*, is calling for public comments on the Report on Proposals for the 2012 editions of these American National Standard designated model codes.

The public comment form, as well as instructions and background on IAPMO's ANSI-accredited consensus development process, can be found at <http://www.iapmo.org/Pages/CodeDevelopment.aspx>.

All comments should indicate the exact wording recommended as new, revised or to be deleted, as well as state the problem the recommendation will resolve and the specific reason for making the comment.

No comments will be accepted after the 5 p.m. PST deadline on Jan. 4, 2011. All public comments will be distributed to the Technical Committee members in March and reviewed at their meetings, May 2-6, 2011, in St. Louis.

Introduced in Los Angeles in 1928 and formally published as the *Uniform Plumbing Code* in 1945, the *UPC* is developed to govern the installation and inspection of plumbing systems as a means of promoting the public's health, safety and welfare. Later published by IAPMO in 1967, the *UMC* provides the same governance for mechanical (HVAC, combustion, exhaust, refrigeration) systems. Developed and subsequently republished at the conclusion of each three-year code cycle, the *UPC* and *UMC* are designed to provide consumers with safe plumbing, heating and mechanical systems while, at the same time, allowing latitude for innovation and new technologies.

IAPMO employs a consensus development process accredited by the American National Standards Institute, gathering the largest assembly of plumbing and mechanical experts in the world at its annual education and business conference and technical committee meetings, enabling anyone — members and non-members alike — to have a voice and a vote on proposed changes to the code. The 2012 editions of the *UPC* and *UMC* will mark the fourth time these codes have been developed in this manner.

IAPMO urges its members and other interested parties to get involved in the code development process to ensure effectiveness in preserving the public health, safety and welfare through strict governance of the Uniform Codes. Installers, plumbing and mechanical officials, the construction industry, engineers and manufacturers all benefit from a cooperative effort in developing codes.

For questions about submitting comments for the *UMC*, contact Adam Muliawan, *UMC* staff liaison, at (909) 472-4111 or by email at [adam.muliawan@iapmo.org](mailto:adam.muliawan@iapmo.org). For questions about submitting comments for the *UPC*, contact Matt Sigler, *UPC* staff liaison, at (909) 230-5535 or by email at [matt.sigler@iapmo.org](mailto:matt.sigler@iapmo.org).

[<Return to top>](#)

---

## Daniels Elected IAPMO President at 2010 Conference

On Thursday, Sept. 30, IAPMO wrapped up its 81st Annual Education and Business Conference in Seattle, Wash., by electing and installing Dan Daniels, chief plumbing inspector for the City of Pueblo, Colo., as its new president and Gary Hile, chief plumbing/mechanical inspector for the City of Anchorage, Alaska, as vice president.

"IAPMO's collective efforts have helped the association remain successful as a corporation in a time of economic distress, but more importantly to continue providing safe drinking water and sanitation to more than half of the world's population," Daniels said. "As president, I promise I'll further these efforts as we



### NOW AVAILABLE ONLINE!

A subscription to Official is just one of the many benefits available to members of IAPMO, which include substantial discounts on most IAPMO publications and educational programs, the opportunity to update and improve the *UPC* and *UMC*, participation in local IAPMO chapters and an invitation to attend IAPMO's Annual Education and Business Conference. The conference offers superb educational seminars. Find out more at [www.iapmo.org](http://www.iapmo.org).

### DW&BP MAGAZINE



*Drinking Water & Backflow Prevention* Magazine subscriptions: 1-888-FOR-DWBP (888-367-3927)

Subscriptions and/or advertising: 703-934-0115  
Personnel certification and education: 800-SAVE-H2O (800-728-3426)

work toward a renewed strategy in 2011 and beyond."

Also elected to the IAPMO Board of Directors was Alfred Ortega, chief plumbing inspector for the City of Houston, and Rick Coffman, mechanical inspector for the City of Cedar Falls, Iowa.

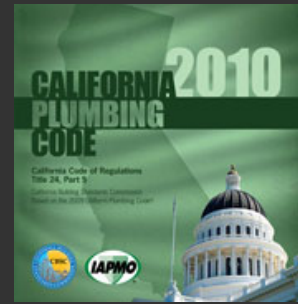
In addition to the election of officers, conference attendees participated in the Assembly Consideration Session toward the development of the 2012 editions of the *Uniform Plumbing Code*® and *Uniform Mechanical Code*®. In the second year of the three-year, ANSI-accredited consensus development process, assembly participants debated and voted on Technical Committee actions with regard to proposed changes to the 2012 editions of the Uniform Codes.

The assembly took the following actions on the proposals. (Refer to the 2010 Report on Proposals for more information.):

#### *Uniform Plumbing Code*

Proposal Item	Assembly Action
5	Rejected
13	Rejected
20	Rejected
53	Rejected
54	Accepted as Modified by the Assembly
57	Accepted as Modified by the Assembly
58	Accepted as Submitted
59	Accepted as Submitted
144	Rejected as Modified
145	Rejected
152	Rejected
154	Rejected
164	Rejected as Modified
174	Rejected as Modified
181	Rejected
182	Rejected
185	Rejected
186	Rejected
189	Rejected
190	Accepted as Modified by the Assembly
194.04	Accepted as Modified by the Assembly
195	Accepted as Submitted
195.01	Rejected
200.04	Rejected
222	Rejected
225	Rejected
250	Rejected

#### *Uniform Mechanical Code*



The 2010 California Code books are now available for sale! IAPMO members will receive priority handling. Call us today at 1-800-85-IAPMO.

Sustainable, Green, and High Performance Building Education

**ecobuild**  
america

DECEMBER 6-10, 2010  
WASHINGTON, D.C.

IAPMO Members  
save 15% with  
promo code:  
**APM15TEX**

Proposal Item	Assembly Action
6	Accepted as Modified by the Assembly
10	Accepted as Modified by the Assembly
51	Accepted as Modified by the Assembly
57	Rejected
74	Accepted as Modified by the Assembly
77.02	Rejected
80	Accepted as Modified by the Assembly
92	Accepted as Modified by the Assembly
103	Accepted as Submitted
133.02	Accepted as Modified by the Assembly
135	Accepted as Submitted
136.01	Rejected
144.02	Rejected (CP 36)
144.03	Rejected (CP 48)

All actions noted above are considered the Assembly Comment on these items. The Assembly Comments will be provided to the Plumbing and Mechanical Technical Committees along with all other public comments received for the committees' consideration when they next meet the week of May 2, 2011 in St. Louis. Anyone wishing to submit a comment on these or other ROP items are invited to do so prior to the deadline of January 4, 2011.

The assembly took no action on proposals not listed here.

IAPMO will hold its 82nd Annual Education and Business Conference on Sept. 25-29, 2011, in San Antonio, Texas.

[<Return to top>](#)

## ASSE Releases a White Paper to Address Scald Hazards Associated with Low-Flow Showerheads

The American Society of Sanitary Engineering (ASSE) has released a white paper intended to bring attention to safety hazards associated with low-flow showerheads when used in conjunction with non-automatic compensating type shower valves. "Scald Hazards Associated with Low-Flow Showerheads: A White Paper" was developed by the American Society of Sanitary Engineering Scald Awareness Task Group; a group comprised of 24 industry professionals who have dedicated their time and expertise to this potentially lifesaving awareness effort.

In support of the Society's motto, "Prevention Rather Than Cure," this white paper is issued with the goal of preventing serious scald-related injuries, rather than deal with these injuries after the pain and damage has already been inflicted. "Scald Hazards Associated with Low-Flow Showerheads: A White Paper" covers the problems and hazards of using low-flow showerheads with non-automatic compensating type shower valves, examples of these problems, solutions to these problems, illustrative tables and graphs, statistics, and associated definitions.

"Scald Hazards Associated with Low-Flow Showerheads: A White Paper" can be viewed and downloaded online at: <http://www.asse-plumbing.org/ScaldHazards.pdf>

The American Society of Sanitary Engineering strongly encourages all industry professionals, industry associations, members of the media and those with a desire to protect the general public to join ASSE in disseminating this white paper and the important safety information it contains.

For further information, contact Richard J. Prospal, ASSE Scald Awareness Task Group Chairman, via e-mail at: [RJProspal@asse-plumbing.org](mailto:RJProspal@asse-plumbing.org).

[<Return to top>](#)

**ISO 9001  
CERTIFICATION**

Click to request a brochure

**IAPMO  
R&T**

Looking for the perfect job?

It's fast and easy with the  
**IAPMO  
CareerCenter**

Click to post or find a job

**ISO  
TRAINING**

Click to reserve your seat

**IAPMO  
R&T**

**WATER FOR LIFE**  
2005-2015

---

## EPA Observes Children's Health Month

October is Children's Health Month, and the U.S. Environmental Protection Agency (EPA) is working with its partners to expand the conversation on what everybody can do to protect children from environmental health hazards. Due to their body weight, children are more affected by pollution than adults, so the environment in which they grow up is vitally important.

"EPA is asking all Americans to join us this month and every month in making our communities across the country healthier places to live, learn and play for our children and future generations," said EPA Administrator Lisa P. Jackson. "As administrator of the Environmental Protection Agency, and a mother, I know just how important it is that we act to protect our most vulnerable populations, and give them the clean, sustainable environment they need to thrive."

Under Jackson's leadership, EPA has taken steps that will help improve the health of children, including taking action on greenhouse gases, strengthening clean air act standards, reforming chemical safety, reducing the impact of coal on the environment and water and working for environmental justice.

In addition, President Obama proclaimed Oct. 4 as Child Health Day. The presidential proclamation calls upon families, child health professionals, faith-based and community organizations and governments to help ensure clean air, safe water and healthy communities for our nation's children.

Throughout October, roundtable discussions and educational events will take place across the country. Parents, teachers and caregivers will have the opportunity to learn about environmental issues affecting children, how they are being addressed more effectively at the local and national levels, and the simple actions they can take to help keep children healthy.

Children's Health events: [http://yosemite.epa.gov/ochp/ochpweb.nsf/content/CHM\\_events.htm](http://yosemite.epa.gov/ochp/ochpweb.nsf/content/CHM_events.htm)

[Tips to protect children](#)

[<Return to top>](#)

---

## DOE Takes Action to Stop Sales of Standards Violating Air Conditioners

The Department of Energy announced that it has taken action against Air-Con, International, requiring the company to stop selling certain air conditioning systems in the United States that have been shown to violate minimum energy efficiency appliance standards. DOE is proposing a civil penalty of more than \$230,000 for importing and distributing these inefficient cooling products. This action and the proposed penalties are part of the Department's continued commitment to act aggressively to remove unlawful products from the market. To date, nearly 70 different non-compliant products have been removed from commerce since 2009.

"Nothing is more important to our enforcement efforts than removing products from the market that violate our minimum energy efficiency standards," said DOE General Counsel Scott Blake Harris. "The sale of these products is unlawful, imposes unnecessary costs on American consumers, and wastes energy."

In March 2010, the Department issued a subpoena requiring Air-Con to submit detailed information about the energy consumption of its products and how the company marketed and sold them in the United States. Based on Air-Con's responses to the subpoena, the Department has found that the company imported and distributed nearly 2,000 air conditioning units that are rated at 10 SEER, while the federal standard requires a minimum 13 SEER rating. The following two air conditioning unit models are covered by the announcement: ACN-09/12/18/24-GCH and ACN-MTS-09CO/12CO/09EV/12EV.

The notice proposes the maximum penalty for selling non-compliant products and requires Air-Con to immediately cease further U.S. sales and provide written notification to its customers that purchased these units. Air-Con is also required to update the information it has provided to the Department, including a record of the company's U.S. sales since it last responded to DOE. If Air-Con fails to cease distribution of these models in the United States, the Department will seek a judicial order to prevent further sales.

Read the full Notice of Noncompliance Determination and Proposed Civil Penalty:  
[http://www.gc.energy.gov/documents/AirCon\\_Notice\\_of\\_Noncompliance\\_and\\_Penalty.pdf](http://www.gc.energy.gov/documents/AirCon_Notice_of_Noncompliance_and_Penalty.pdf)

[<Return to top>](#)

---



## IAPMO Becomes An Endorsing Association of AHR Expo

IAPMO has become the 32nd industry organization to endorse the AHR Expo, the world's leading HVACR-exclusive trade show.

As the largest and most comprehensive HVAC/R exposition, the AHR Expo attracts tens of thousands of attendees from all facets of the industry, including contractors, engineers, dealers, distributors, wholesalers, OEMs, architects, builders, industrial plant operators, facility owners and managers, agents and reps.

The 2011 AHR Expo will take place January 31– February 2, at the Las Vegas Convention Center and will feature more than 1,800 exhibitors from around the world showcasing hundreds and hundreds of innovative new products to over 45,000 attendees and exhibitor personnel. The 2011 AHR Expo is endorsed by leading HVAC/R industry associations and is co-sponsored by the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) and the Air-Conditioning, Heating and Refrigeration Institute (AHRI). The Heating, Refrigeration and Air-Conditioning Institute of Canada (HRAI) is an honorary sponsor. ASHRAE's winter meeting is held concurrently with the AHR Expo each year.

"We are delighted to become an Endorsing Association of AHR Expo," said Russ Chaney, IAPMO CEO. "Our presence at the world's largest HVACR event will provide us with an opportunity to engage with our various global audiences about industry codes and standards."

Clay Stevens, President of International Exposition Company, which produces and manages the AHR EXPO, said IAPMO's involvement provides the growing number of plumbing professionals and other AHR Expo attendees with critical information they need. "Our 32 Endorsing Associations serve as valuable resources to a broad cross section of the HVACR industry and the thousands of professionals who attend AHR Expo every year."

For more information, current schedule and registration information visit the Show's website at [www.ahrexpo.com](http://www.ahrexpo.com).

[<Return to top>](#)

---

## Attention - Bylaws Change and Resolution Notice

At the 81st Annual Education and Business Conference held in Seattle, the IAPMO membership approved of the following Bylaws change:

### *10.8 Compensation of Officers, Directors and Employees, and Expense Reimbursement.*

~~A. Unless otherwise specified in these Bylaws, Officers or Directors, as such, shall not receive salaries or wages for their services. The Officers of Secretary and Treasurer may receive salaries or wages for their services when first approved by the Board of Directors. Officers and Directors may receive compensation for their services as may be determined by Resolution of the Board to be just and reasonable as to the Association at the time the Resolution is adopted and such compensation shall be given in return for services actually rendered to the Association which relate to the performance of the purposes of the Association.~~ provided, however, that nothing herein contained shall be construed to preclude reimbursement of any Officer, Director or committee person for any necessary expense incurred on behalf of the Association when first authorized by the Board of Directors or to establish and direct the payment of Salaries and expenses for such personnel as provided in Section 10.10.

A current copy of the Bylaws can be found at the IAPMO web site at [www.iapmo.org](http://www.iapmo.org).

Following the membership vote on the Bylaws amendment to Section 10.8(a), the following Resolution was adopted by the members.

### Resolution

WHEREAS the International Association of Plumbing and Mechanical Officials is a membership-based association which works in concert with government and industry to implement comprehensive plumbing and mechanical systems around the world, and

WHEREAS the membership of the International Association of Plumbing and Mechanical Officials has voted to amend Section 10.8 A of the Bylaws to provide for the payment of compensation to the Officers and Directors of the Association when such compensation is deemed to be just and reasonable as to the Association and such compensation is given in return for services actually rendered to the Association which relate to the performance of the purposes of the Association, therefore;

BE IT RESOLVED that the amount of \$1,500 per annum, per Officer or Director, is deemed to be a just

and reasonable amount as to the Association when such compensation is given in return for services actually rendered to the Association which relate to the performance of the purposes of the Association.

[<Return to top>](#)

---

I-Connection Electronic Newsletter

You will continue to receive the I-Connection Newsletter each month until such time as you unsubscribe. To make sure the I-Connection Newsletter is not sent to your bulk or junk mail folders, add [news@iapmo.org](mailto:news@iapmo.org) to your address book. We encourage you to forward the I-Connection Newsletter to your colleagues. Requests for new subscriptions, change of e-mail address, or to have your address removed from our list should be sent to [news@iapmo.org](mailto:news@iapmo.org). IAPMO does not knowingly participate in SPAM. We do not sell, rent or trade the names on our e-mail list; your e-mail address is only used to send messages from IAPMO. If you wish to be removed from this list, follow the link below and enter your e-mail address to be deleted.

[Unsubscribe](#) from the I-Connection Electronic Newsletter

## Industry Calendar

**Greenbuild 2010**  
Nov. 16-19, 2010  
Chicago, Illinois  
[www.greenbuildexpo.org](http://www.greenbuildexpo.org)

**Ecobuild**  
Dec. 6-10, 2010  
Washington, D.C.  
[www.aececobuild.com/](http://www.aececobuild.com/)

**2011 International Builders' Show**  
Jan. 12-15, 2011  
Orlando, Florida  
[www.buildersshow.com](http://www.buildersshow.com)

**ASHRAE 2011 Winter Conference**  
Jan. 29 - Feb. 2, 2011  
Las Vegas, Nevada  
[www.ashrae.org](http://www.ashrae.org)

**2011 AHR Expo**  
Jan. 31 - Feb. 2, 2011  
Las Vegas, Nevada  
[www.ahrexpo.com](http://www.ahrexpo.com)

## Upcoming Seminars

Earn your Continuing Education with IAPMO training.

October 23, 2010	Wakefield, MA	Gasfitters - Continuing Education for the Commonwealth of Massachusetts (Session III)
October 23, 2010	Wakefield, MA	Plumbers - Continuing Education for the Commonwealth of Massachusetts (Session III)
October 25, 2010	Yarmouth, MA	Inspector - Continuing Education for the Commonwealth of Massachusetts
October 30, 2010	Westford, MA	Gasfitters - Continuing Education for the Commonwealth of Massachusetts (Session III)
October 30, 2010	Westford, MA	Plumbers - Continuing Education for the Commonwealth of Massachusetts (Session III)
November 5, 2010	Austin, TX	2009 UPC Update
November 5, 2010	Pendleton, OR	2010 Oregon Mechanical Specialty Code Changes
November 6, 2010	Sioux City, IA	Plumbing and HVAC Continuing Education for State of Iowa License
November 8, 2010	York, ME	2009 Uniform Plumbing Code - Code Updates & Maine Amendments
November 9, 2010	Auburn, ME	2009 Uniform Plumbing Code - Code Updates & Maine Amendments
November 10, 2010	Bangor, ME	2009 Uniform Plumbing Code - Code Updates & Maine Amendments
November 13, 2010	West Des Moines, IA	Plumbing and HVAC Continuing Education for State of Iowa License

IAPMO is an approved provider for Continuing Education by IACET, AIA and many local organizations and jurisdictions. Contact the IAPMO Training staff to register at 1-877-427-6601, or go to our website <http://www.iapmo.org/Pages/Seminar.aspx> to register online. New training dates are added periodically!



© 2010 International Association of Plumbing and Mechanical Officials