



JULY 2009 | HEADLINES

- » IAPMO-India and Indian Plumbing Association Sign Historic Memorandum of Understanding With Indian Government's Central Public Works Department
- » IAPMO Seeking Volunteers to Participate on Newly Formed Technical Correlating Committee
- » *Official Magazine* Wins Three APEX Awards
- » Mo/Kan Chapter Celebrates 20 Years
- » Video Contest Winners Inspire Stewardship for the Nation's Waters
- » Australian Water Expert Dr. Jim Gill to Keynote WaterSmart Innovations Conference
- » Mayor Calls New Water Regulations "Nonsense"
- » Board Wants Building Demolished After Repeated Code Violations
- » Hot Temperatures Putting the Pressure on Houston Pipes
- » U.S. EPA Administrator Jackson Takes New Steps to Improve Water Quality
- » Industry Calendar | Upcoming Seminars

## CONTACT US

International Association  
of Plumbing and Mechanical  
Officials

5001 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

## IAPMO-India and Indian Plumbing Association Sign Historic MoU With Indian Government's Central Public Works Department

IAPMO-India, the Indian Plumbing Association (IPA) and the Central Public Works Department (CPWD) of the Government of India have signed a Memorandum of Understanding in which the CPWD shall voluntarily adopt the Uniform Plumbing Code — India and implement the Plumbing Education to Employment Program (PEEP) curriculum jointly developed by IAPMO-India and the IPA.

The CPWD is the principal agency of the Government of India for construction and maintenance of all central government projects, except those of railways, communication, atomic energy, defense, airports (national and international) and radio. It oversees development of projects in the fields of civil, electrical, mechanical and air-conditioning engineering, architecture, horticulture and landscaping.

"The adoption of the Uniform Plumbing Code – India by the CPWD represents a monumental achievement toward the improved health and safety of the Indian people through nationwide standardization of plumbing practices and the installation and maintenance of plumbing/sanitation systems," said Russ Chaney, executive director of The IAPMO Group, parent organization of IAPMO-India. "Furthermore, the PEEP educational curriculum will make great strides in developing a new highly-skilled and certified plumbing workforce to best implement and regulate the health, safety and sanitary provisions of the UPC-I.

"I wish to thank the CPWD for their faith in our work and commend the tireless efforts of IAPMO-India Director Abdul Matheen, Director of Plumbing Education and Certification Subhash Deshpande and all of the staff, both abroad and in the United States, who helped us complete this landmark achievement."

In 2007, the IPA and IAPMO formed a partnership aimed at working together to establish a model code of plumbing installation and maintenance for all of India. The IPA's Code Committee, with support from IAPMO staff, developed the resulting UPC-I, a code of practice that recognizes and utilizes proven international concepts; taking into consideration the established plumbing practices and customs in India.

The IAPMO-IPA partnership, however, did not stop with this colossal achievement. Understanding the need for plumbing education in India, IAPMO, the IPA and the Institute of Plumbing (IIP) formed a partnership agreement to provide plumbing education and training throughout India, leading to the establishment of IAPMO-India Corporation, with offices in Bengaluru and Pune.

A careful needs assessment of the plumbing industry and consultation with eminent members of the

## OFFICIAL MAGAZINE



### 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

plumbing industry led to the development of PEEP, with the goal of preparing multiple levels of professional groups in India to read, understand, interpret, engage and apply the provisions of the UPC-I in order to design and perform initial installation and continued maintenance of plumbing systems. Through the diligent concerted efforts of IAPMO staff in the United States and India, PEEP programs targeting engineers, architects and construction managers have been fully developed and are near implementation, with numerous MoUs having been signed across the entire country of India.

"PEEP has made great strides in recent months," said Allen Inlow, IAPMO senior director of Business and Product Development. "This MoU signing with CPWD is among the greatest of these strides. The voluntary adoption of the UPC-I and implementation of the PEEP Plumbing Systems Design and Plumbing Construction Management curriculum by CPWD is a true milestone."

[<Return to top>](#)

## IAPMO Seeking Volunteers to Participate on Newly Formed Technical Correlating Committee

IAPMO has begun accepting applications at its Website from those individuals wishing to participate on the newly formed Technical Correlating Committee toward the development of the 2012 editions of the Uniform Plumbing Code (UPC©) and Uniform Mechanical Code (UMC©). Applicants must submit their completed application by Aug. 17. Information and downloadable application forms can be found at <http://www.iapmo.org/Pages/CodeDevelopment.aspx>.

The UPC and UMC are developed using an American National Standards Institute (ANSI) accredited consensus process, signifying that the procedures used by standards setting organizations such as IAPMO meet the Institute's requirements for openness, balance, consensus and due process. This process brings together volunteers representing a variety of viewpoints and interests to achieve consensus on plumbing and mechanical practices. The UPC and UMC are the only plumbing and mechanical codes of practice to be named American National Standards.

In accordance with these procedures, a Technical Correlating Committee (TCC) will be formed with the assignment of managing and coordinating the activities of a Technical Committee Project within which more than one Technical Committee functions.

The TCC shall be responsible for resolving conflicts, achieving correlation among the recommendations of the Technical Committees, correcting errors and omissions and ensuring that the Committee activities have been conducted in accordance with Regulations Governing Committee Projects.

The Uniform Codes are designed to provide consumers with safe and sanitary plumbing and mechanical systems while, at the same time, allowing latitude for innovation and new technologies. The public at large is encouraged and invited to participate in IAPMO's open consensus code development process. A code development timeline and other relevant information are available at IAPMO's Website, <http://www.iapmo.org/Pages/CodeDevelopmentTimeline.aspx>.

In addition to applications for the TCC, IAPMO is simultaneously accepting applications from those IAPMO members who wish to serve on the association's various other codes and standards committees. As a member-based association, committees are the engines that power the organization's work; the means by which IAPMO creates consensus-based codes, support products and programs to facilitate safe and sanitary plumbing systems throughout the world.

These committees are composed of dedicated volunteers who bring their extensive skills and knowledge to the work of the association so others can benefit. Typically, these volunteers are members of IAPMO who share in the mission and goals of the Uniform Codes.

For more information, direct your Web browser to <http://www.iapmo.org/Pages/IAPMOCommittees.aspx> or contact Lynne Simnick, director of Code Development at (909) 472-4110.

[<Return to top>](#)

## Official Magazine Wins Three APEX Awards

Official magazine, the plumbing and mechanical industry trade periodical and membership publication of the International Association of Plumbing and Mechanical Officials (IAPMO), is the recipient of three 2009 APEX Awards for Publication Excellence. The honors are the product of the 21st annual competition sponsored by Communications Concepts, Inc., and the editors of "Writing That Works: The Business Communications Report."

Co-editors Geoff Bilau and Jeff Ortiz received an Award of Excellence in the category of "Best Redesigns" for the revamped Spring 2009 issue of *Official* and Bilau won an Award of Excellence in "Feature Writing" for his on-location reporting about the United Association's 2008 Apprentice Competition in Ann Arbor, Mich., titled "The Best of the Best." In addition to these staff honors, contributing writer Anne V. Sanner received an Award of Excellence in the category of "Scientific &

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

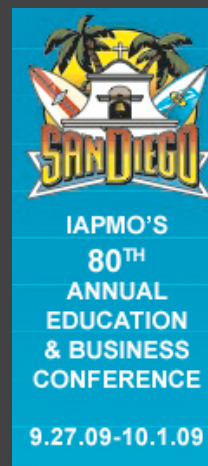


Drinking Water & Backflow Prevention Magazine subscriptions: 1-888-FOR-DWBP (888-367-3927)

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



The 2007 California Code books are now available for sale! IAPMO members will receive priority handling. Call us today at 1-800-85-IAPMO.



contributing writer Anne v. Sonner received an Award of Excellence in the category of "Scientific & Environmental Writing" for her comprehensive examination of rainwater harvesting titled "When It Rains, It Stores."

The awards mark the fourth consecutive year APEX has bestowed such honors upon Official. Last year the magazine was recognized for being among the best print magazines and journals of 32 pages or more and former editor Jane Lee won for "Science & Environmental Writing." In 2006, the magazine won for "Most Improved Magazines and Journals" and in 2007 contributing writer and former editor Colleen Salomon won for "Technical Writing."

"Our magazine staff brings great honor and awareness to The IAPMO Group of organizations," said Russ Chaney, IAPMO executive director. "As importantly, through their expertise and knowledge, they repeatedly convey the important role the plumbing industry plays in protecting public health and safety and the critical, but often overlooked role played by labor, contractors and inspectors with their day-to-day contributions to this important goal of protecting the public from harmful contaminants and potentially hazardous plumbing systems."

APEX Awards are based on excellence in graphic design, editorial content and the ability to achieve overall communications excellence. With 3,785 entries, the 2009 competition was exceptionally intense. Awards were given in 11 main categories including: newsletters; magazines and journals; magazines and newspapers; annual reports; brochures, manuals and reports; video and electronic publications; Web and intranet sites; campaigns, programs and plans; writing; design and illustration; and special publications.

Official has been published continuously for 51 years. The first issue of the magazine, then known as *Western Plumbing Official*, was introduced in April 1958.

In June, Official received a Gold Communicator Award of Excellence in the International Academy of the Visual Arts' 15th Annual Communicator Awards in the category of "Association Magazine." It is the highest honor awarded in the international competition.

[<Return to top>](#)

---

## Mo/Kan Chapter Celebrates 20 Years

Congratulations to the Mo/Kan Chapter as they celebrate 20 years as an IAPMO Chapter.

Bill Schweitzer and Bruce Pfeiffer first formed the chapter in 1989, with an initial membership of 26. Originally called the "Eastern Kansas Chapter", it voted to change its name to "Mo-Kan Chapter" at its July, 1990 meeting, due to interest from the state of Missouri.

The chapter was the first IAPMO Chapter in the state of Kansas. Five other chapters have formed since: Hiawatha-Atchison, Salina, South Central Kansas and Southeast Pittsburg.

Over the years, the chapter has been a valuable resource for information and education to those in the surrounding area. Its success is reflected in its growth, as membership has more than doubled in size, and continues to grow.

Many of the original members are still involved in the chapter. Pfeiffer was elected as Treasurer this year. Also serving office are Robert Brunell Jr., Chairman, Terry Canady, Vice Chair, and Myron Reed, Secretary.

IAPMO would like to extend its thanks to the Chapter for their support and commitment to the goals of the association throughout the years, and looks forward to many more years of a wonderful relationship.

[<Return to top>](#)

---

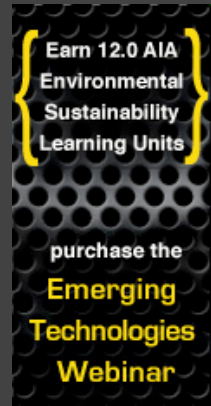
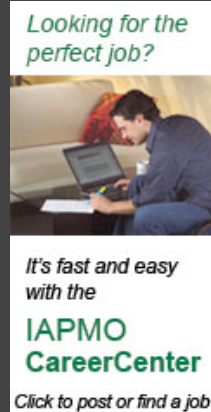
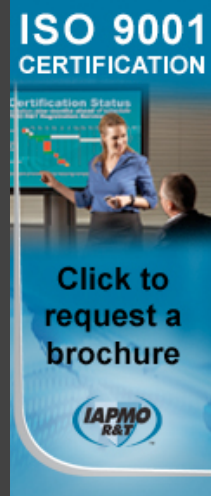
## Video Contest Winners Inspire Stewardship for the Nation's Waters

WASHINGTON - The two winners of EPA's first-ever water quality video contest made videos that will help educate the public about water pollution and give simple steps that people and communities can take to improve water quality.

"We are delighted by the number and quality of contest submissions," said Acting Assistant Administrator for Water Michael H. Shapiro. "This is another illustration of how new Web technologies allow people to express their passion for water quality in new and exciting ways."

In the 30 or 60 second category, "Protect Our Water - Check Cars for Oil Leaks" submitted by Lucas Ridley of Trenton, Ga. was the overall winner. His video illustrates one easy step you can take to protect your watershed through proper motor vehicle care.

In the 1-3 minute category, "Dastardly Deeds and the Water Pollution Monster" submitted by Nora Kelley Parren of Hinesburg, Vt. was the winner. Her animated video, made entirely out of discarded paper, illustrates how polluted runoff threatens ecosystems and offers tips people can take to protect water quality. The two winning filmmakers will each receive a \$2,500 cash award, and their videos are featured on EPA's Web site.



EPA received more than 250 video submissions that covered a wide variety of topics including low impact development, wetlands, marine debris, watershed management, water quality monitoring, polluted runoff, and other water-related topics. EPA received many other highly creative videos, and 22 videos were recognized as honorable mentions.

Thanks to the 1972 Clean Water Act, there have been great improvements to our nation's waters over the past 37 years; however, there is more that we can do. Educating citizens about actions that they can take to reduce their impact is vital to improving the nation's water quality.

To view the winning videos and honorable mentions: <http://www.epa.gov/owow/videocontest.html>

[<Return to top>](#)

## Australian Water Expert Dr. Jim Gill to Keynote WaterSmart Innovations Conference



LAS VEGAS - Dr. Jim Gill, inaugural chairman of Water Australia and past CEO of the Water Corporation of Western Australia, will be the keynote luncheon speaker at the WaterSmart Innovations Conference and Exposition, Oct. 7-9, 2009, in Las Vegas.

In 2009, following 13 years as CEO of the Water Corporation of Western Australia, Gill was selected to chair Water Australia, a joint public-private organization created to disseminate Australian technology and expertise in water resource management. Gill will make his presentation during the conference luncheon on October 8.

As CEO of the Water Corporation, Gill was recognized for development of innovative programming to reduce water demand and diversify water resources in Western Australia, countering an enormous reduction in the yield of traditional surface water sources. The achievements of his tenure include a desalination plant that uses renewable energy, programs to enhance water supplies through agricultural irrigation efficiency and a system for aquifer storage and recovery of treated wastewater. Gill's agency also achieved an annual system-wide water use reduction of 45 gegaliters (approximately 12 billion gallons).

In 2008, Gill received the International Water Association's prestigious Grand Award for mastering the implications of climate change in Australia, and this year he was made an Officer in the Order of Australia, one of the nation's highest honors. He was named Australian Civil Engineer of the Year for 2006.

Over the course of his distinguished 35-year career, Dr. Gill has served as Western Australia's Commissioner of Railways, chairman of the Water Services Association of Australia, president of the Western Australia Division of the Australian Institute of Company Directors, and chairman of the WA Division of Engineers Australia.

Dr. Gill holds degrees from the University of Western Australia, University of Cambridge and Harvard University.

### About WaterSmart Innovations

Presented by the Southern Nevada Water Authority (SNWA) in conjunction with the U.S. Environmental Protection Agency's (EPA) WaterSense Program, WaterSmart Innovations is a non-profit event that serves to broaden knowledge of innovations in urban water efficiency and water conservation including products, programs and outreach. More information is available at [www.WaterSmartInnovations.com](http://www.WaterSmartInnovations.com).

Other organizations collaborating with the SNWA and the EPA on WaterSmart Innovations include the American Water Works Association, Alliance for Water Efficiency, Audubon International, GreenPlumbers USA, International Association of Plumbing and Mechanical Officials, International Center for Water Technology, Irrigation Association and California Urban Water Conservation Council. The partnering organizations have a combined 72,000 members.

Major commercial conference sponsors to date include Rain Bird Corp., Caroma, Parsons, Ewing Irrigation, AECOM Inc., Black & Veatch, Water Management, Inc. and Hunter Industries, Inc.

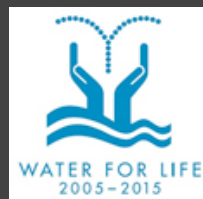
Visit [www.watersmartinnovations.com/2009/home.php](http://www.watersmartinnovations.com/2009/home.php) for more information.

[<Return to top>](#)

## Mayor Calls New Water Regulations "Nonsense"

Johnston Mayor Joseph Polisena has called Rhode Island's new cross-connection control regulations "nonsense", saying the current preventive regulation is sufficient, according to an article in the [Johnston Sun Rise](#).

The new regulations created by the RI Department of Health requires municipal water customers, both businesses and residences, to install a cross-connection control device if the presiding municipal water



authority determines there is a problem at the location.

The new regulations rely on the municipality for implementation and enforcement, something Mayor Polisena says his town has neither the funds nor the resources for.

"Quite frankly, in these economic times, it's another costly regulation," Polisena told the paper. "I don't think it's our job [to police the process]; it's another expense for the cities and towns, as well as for the taxpayers."

He said the town won't be complying with the regulations, and is pushing for a repeal of the new law.

A spokesman for the DOH said the new law is meant to be proactive, not reactive, and called the infrastructures of the water systems "grossly out-of-date."

[Click here to read the news article.](#)

[<Return to top>](#)

---

## Board Wants Building Demolished After Repeated Code Violations

The Health Board of Provincetown, MA is exploring their options against a property owner who has repeatedly refused to comply with the town's building codes and regulations.

Michael Donovan has been called before the board four times for using a garden shed on his property as a rental. Previously, a toilet installed in the shed was found to be directly emptying onto a hill outside. Twice he has been ordered to remove plumbing fixtures in the shed, because the structure was not inhabitable according to the towns building codes.

Mr. Donovan would comply with the boards orders long enough to pass an inspection. Later, he would reinstall the fixtures and continue renting out the shed.

Donovan's latest offense was transferring the contents of a cesspool on his property to an adjacent overflow septic.

The board is hoping it has the authority to order Donovan to demolish the structure entirely. It also is requiring him to hook up to the municipal sewer and make betterment payments.

[<Return to top>](#)

---

## Hot Temperatures Putting the Pressure on Houston Pipes

Dry, shifting soil is causing numerous water-line breaks in Houston, reports the [Houston Chronicle](#).

Varying moisture content, in this case weeks of hot weather and no rainfall, causes the soil to expand and contract, exerting significant pressure on the older water mains. The result has doubled the number of recorded leaks, increasing the cities workload to the point where private contractors are being called in to help.

"The breaks that are determined to be major are ones where water is shooting up and potentially causing structural flooding and street flooding," said Roberto Medina, a senior staff analyst with the Public Works Department, told the Houston Chronicle. "Those are the top priority. We ask the public to be patient as we address the other ones."

The old pipes are being replaced by newer, heavier PVC material. The new pipes, used for both the 44-inch main as well as the smaller lateral lines, hold up better in the hot, dry conditions.

"With new pipes, there's decrease in likelihood of a break. In subdivisions built in last four or five years, we don't typically see any water line breaks there," said Medina.

[Click here to read the Houston Chronicle article](#)

[<Return to top>](#)

---

## U.S. EPA Administrator Jackson Takes New Steps to Improve Water Quality

WASHINGTON - The U.S. Environmental Protection Agency has made available comprehensive reports and data on water enforcement in all 50 states. This is part of Administrator Lisa P. Jackson's larger effort by to enhance transparency, promote the public's right to know about water quality and provide information on EPA's actions to protect water under the Clean Water Act.

In a memorandum, Administrator Jackson directed EPA's Office of Enforcement and Compliance Assurance (OECA) to develop an action plan to enhance public transparency regarding clean water enforcement. In the memo, she also calls for stronger enforcement performance at federal and state levels and a transformation of EPA's water quality and compliance information systems.

In keeping with this directive, EPA has posted detailed information on the current state of clean water compliance and enforcement in each state, and copies of the latest clean water enforcement and

compliance performance reports for each state to the agency's Web site. EPA also launched new Web-based tools to help the public search, assess, and analyze the data the agency used to help prepare those reports.

These actions are among of several aggressive steps taken by Administrator Jackson to improve the nation's water quality by increasing the transparency and effectiveness of the agency's national Clean Water Act enforcement program.

The administrator's memo directed the agency to take several actions, including:

- Improve and enhance the information available on the EPA website on compliance and enforcement activities in each state, showing connections to local water quality where possible;
- Provide information in a user-friendly format form that is easily understood and useable by the public;
- Raise the bar for clean water enforcement performance and ensure enforcement is taken against serious violations that threaten water quality; and
- Improve EPA's enforcement performance in states where EPA directly implements the clean water program.

Administrator Jackson directed OECA to work with EPA's Office of Water and to consult closely with EPA's 10 regional offices and the states on the action plan. After obtaining input from other stakeholders, the assistant administrator of OECA, Cynthia Giles, will report back to Administrator Jackson in 90 days with recommendations.

More information on the state-by-state reports: <http://www.epa.gov/compliance/state/srf/index.html>

More information on EPA and state enforcement data:

<http://www.epa.gov/compliance/data/results/performance/cwa/index.html>

[<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

**IAPMO 2009 Swimming Pool, Spa & Hot Tub Code Technical Committee Meeting**  
 July 24, 2009  
 DoubleTree Ontario Airport  
 Ontario, CA  
[www.iapmo.org](http://www.iapmo.org)

**IAPMO Green Technical Committee Meeting**  
 Aug 19 - 21, 2009  
 Denver Sheraton  
 Denver, CO  
[www.iapmo.org](http://www.iapmo.org)

**40th WorldSkills Competition - Calgary 2009**  
 Sept 8 - 11, 2009  
 Calgary, Alberta, CA  
<http://www.worldskills2009.com/>

**IAPMO 80th Annual Education and Business Conference**  
 Sept 27 - Oct.1, 2009  
 DoubleTree Hotel at Mission Valley  
 San Diego, CA  
[www.iapmo.org](http://www.iapmo.org)

**WaterSmart Innovations Conference & Expo**  
 Oct 7 - 9, 2009  
 Las Vegas, NV  
[www.watersmartinnovations.com](http://www.watersmartinnovations.com)

**Connect 2009 - PHCC National 127th Convention**  
 Oct 21 - 23, 2009  
 New Orleans, LA  
[www.phccweb.org/](http://www.phccweb.org/)

**GreenBuild 2009**  
 Nov 11 - 13, 2009  
 Phoenix, AZ  
[www.greenbuildexpo.org](http://www.greenbuildexpo.org)

**IAPMO Green Technical Committee Meeting**  
 Nov 17 - 19, 2009  
 Chicago, IL  
[www.iapmo.org](http://www.iapmo.org)

## Upcoming Seminars

Earn your Continuing Education with IAPMO training.

IAPMO is an approved provider for Continuing Education by IACET, AIA and many local organizations and jurisdictions.

July 16, 2009	Seattle, WA	2006 UPC - Washington Amendments
July 17, 2009	Birmingham, AL	Medical Gas Inspector & Medical Gas Verifier Seminar and Certification

July 20-23, 2009	Ontario, CA	Medical Gas Inspector & Medical Gas Verifier Seminar and Certification
July 20-23, 2009	Ontario, CA	2006 UPC Essentials
July 23, 2009	Las Vegas, NV	2006 UMC Essentials
July 24, 2009	Las Vegas, NV	2006 UPC Essentials
August 6, 2009	Santa Fe, NM	2006 UPC Essentials
August 7, 2009	Santa Fe, NM	2006 UMC Essentials
August 20, 2009	Bakersfield, CA	2007 CPC Essentials
August 21, 2009	Bakersfield, CA	2007 CMC Essentials
August 21, 2009	Juneau, AK	2006 UPC Essentials
August 22, 2009	Juneau, AK	2006 IMC Core Topics
August 24, 2009	Anchorage, AK	2006 UPC Essentials
August 25, 2009	Anchorage, AK	2006 IMC Core Topics
August 27, 2009	Council Bluffs, IA	2006 UPC Essentials
<p>Contact the IAPMO Training staff to register at 1-877-427-6601, or go to our website <a href="http://www.iapmo.org/Pages/Seminar.aspx">http://www.iapmo.org/Pages/Seminar.aspx</a> to register online. New training dates are added periodically!</p>		

