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OFFICIAL MAGAZINE



2012 USPSHTC and USEC Call for Comments

IAPMO has issued a Call for Comments for the 2012 editions of the *Uniform Swimming Pool, Spa and Hot Tub Code (USPSHTC)* and the *Uniform Solar Energy Code (USEC)*.

To submit a comment, download the [Comments Form](#) and send it to the IAPMO Codes Department. No comments will be accepted after the 5 pm PST deadline on August 1, 2011.

The Technical Committees will review and act on all public comments at IAPMO World Headquarters Meeting on October 27-28, 2011. The committees' actions are published in the [Report on Comments](#). (More information on the code development process can be found at: <http://www.iapmo.org/Pages/CodeDevelopmentProcess-USEC-USPSHTC.aspx>)

The IAPMO consensus code development process is open to anyone who has an interest in Swimming Pool, Spa & Hot Tub and Solar Energy systems. IAPMO members have a voice and a vote throughout the entire process.

If you have any questions regarding the development of the USPSHTC or USEC, please contact a staff member of the IAPMO Code Development Department at 909-472-4100 or at codesdept@iapmo.org.

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IAPMO Seeks Kneidinger Green Contractor Award Nominees

IAPMO is seeking nominations for the Joseph Kneidinger Green Contractor of the Year Award, to be presented to the recipient at IAPMO's 82nd annual Education and Business Conference, Sept. 25-29, in San Antonio, Texas.

The award, which debuted at IAPMO's 2009 conference, honors the IAPMO member contractor who best fulfills or symbolizes a commitment to environmental sustainability through his or her work in the plumbing and mechanical industries. It was renamed last year in honor of Joseph Kneidinger, an IAPMO member and passionate Green advocate who passed away in 2009. Kneidinger was a senior plumbing inspector for the City of Portland, Ore., who dedicated his professional and personal life to the advancement of sustainable and renewable principles.

The IAPMO Board of Directors voted to rename the award because its recipient each year would embody the commitment to which Kneidinger was so dedicated, and Kneidinger himself was posthumously awarded the honor at last year's conference.

Nominations will be accepted until June 15, after which the Board will select a qualified recipient at its summer meeting. Kneidinger Award nominations should be presented to the Board through the Committee for Awareness and Understanding of a Sustainable Environment (C.A.U.S.E.), the Green Technical Committee or the Board itself.

The Kneidinger Award will be given in addition to IAPMO's other long-standing annual honors, the Industry Person of the Year, Government Person of the Year and American Flag awards.

While it is tradition to surprise the winners of the Government and Industry Persons of the Year and American Flag awards at conference, the winner of the Joseph Kneidinger Green Contractor award is notified in advance to ensure he or she is present to accept the honor.

Recipients of these awards will be featured in IAPMO's publications, including *Official* magazine, IAPMOnline.com and the electronic Green Newsletter and I-Connection.

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IAPMO Acquires Green Plumbers USA Training and Accreditation Program

The IAPMO Group announced it has acquired the North American rights to the Green Plumbers® USA Training and Accreditation Program from Onni, Inc., and the Master Plumbers and Mechanical Contractors Association of Australia (MPMSAA).

Green Plumbers USA is an innovative national training and accreditation program that assists plumbers in understanding their role in the environment and public health. The organization's goal is to train thousands of plumbers to promote the benefits of water conservation and the reduction of greenhouse gas (GHG) emissions by changing consumer and plumbing behavior through the use of energy efficiency and water saving technologies.

The United Association of Plumbers & Pipefitters (UA), the recognized plumbing industry training authority with more than 340,000 members in the United States and Canada, partners with Green Plumbers in a common effort to provide the highest possible quality of green plumbing certifications in the country. Green Plumbers USA CEO Steve Lehtonen joins IAPMO as senior director of Environmental Education and will continue to promote and develop the Green Plumbers program in North America.

"My goal when we brought the Green Plumbers program over from Australia in 2007 was to enhance the image of the plumber, recruit new workers to the plumbing industry and educate plumbers to be champions of conservation," Lehtonen said. "This acquisition will continue the core mission of the program while also allowing the Green Plumbers training program to expand operations, improve quality and assure that our environmental goals are consistent with effective codes, health and safety."

In addition to Lehtonen, Green Plumbers Senior Instructor Doug Kirk has joined IAPMO as director of Green Plumbing Curriculum. Green Invest, the Australian trademark owner, has developed an international business model into which the existing Green Plumbers USA commercial operations will be merged, but will continue to operate as Green Plumbers USA.

Current Green Plumbers training operations will continue, and emphasis will be placed upon more classes, in more states, and expanded online applications. The new operation will be branded as "Green Plumbers Training and Accreditation."

IAPMO is uniquely positioned via its international presence to offer Green Plumbers training and personnel certification from its various offices throughout the world. The Green Plumbers program will benefit from The IAPMO Group's acquisition through expected access to numerous markets outside North America and Australia/New Zealand.

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IAPMO Backflow Prevention Institute Relocates to Colorado School of Mines



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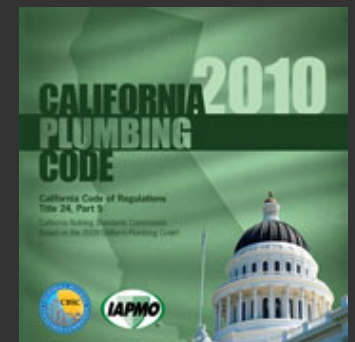
A subscription to *Official* is just one of the many benefits available to members of IAPMO, which include substantial discounts on most IAPMO publications and educational programs, the opportunity to update and improve the UPC and UMC, participation in local IAPMO chapters and an invitation to attend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

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 2010 California Code books

IAPMO's Backflow Prevention Institute (BPI) has relocated its education and training facility to the Colorado School of Mines in Golden, Colo. For years, IAPMO's backflow prevention training has been conducted at Red Rocks Community College in Lakewood, Colo., but due to expansion-related construction at the college that facility is no longer viable.

Known as a training ground for promising young engineers and scientists, the Colorado School of Mines, a public university, gears its curriculum and research toward responsible stewardship of the Earth and its resources. The Colorado School of Mines location will accommodate the recently expanded training program offered by the BPI. These courses include certifications toward each of the credentials in the ASSE Series 5000 standard, such as backflow prevention assembly tester, repairer, surveyor, administrator, and fire-sprinkler contractor tester.

"Red Rocks was a terrific host for several years, but we are definitely excited to now partner with such a highly regarded technical university as Colorado School of Mines," said Sean Cleary, IAPMO director of Backflow Prevention Training and Education. "State of the art classrooms and a backdrop of innovation and groundbreaking research lend a great deal to the institute's educational offerings and mission."

BPI also released a schedule of 12 backflow prevention training courses to be presented at School of Mines through the remainder of 2011, beginning with a 40-hour backflow prevention assembly tester course and exam, May 16-20, and an eight-hour backflow prevention assembly recertification course and exam, May 21. (For the full schedule, direct your Web browser to www.iapmodwbp.org/Pages/TrainingandCertification.aspx.)

The relocation comes right on the heels of two similarly exciting announcements made in recent weeks by the BPI. Last month the institute released the second edition of IAPMO's Backflow Prevention Reference Manual, produced in collaboration with the United Association of Journeymen and Apprentices of the Plumbing and Pipefitting Industry of the United States and Canada (UA). This full color, illustrated reference manual is designed to teach every aspect of backflow prevention and cross-connection control, from identifying and testing the wide variety of backflow prevention assemblies to proper selection and installation of both testable assemblies and non-testable backflow prevention devices.

For more information on IAPMO's BPI or to register for training, direct your Web browser to www.iapmodwbp.org or call (877) 427-6601, ext. 3090.

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World Plumbing Day Poster Contest Winners Announced

On March 11, people all over the globe celebrated the second annual World Plumbing Day, established last year by the World Plumbing Council as a means of promoting the plumbing industry's vital work on behalf of the planet and its people.

The event brought worldwide attention — including the passing of a resolution by the United States Senate — to plumbing industry work protecting the public's health and safety and promoting environmental sustainability, with IAPMO joining the cause through enthusiastic support and a middle school education program.

IAPMO enlisted the help of school administrators and faculty in illustrating these contributions through an educational lesson and poster contest for sixth, seventh and eighth graders, with one student participant from each grade being chosen at random to receive an iPod Touch media device compliments of IAPMO.

We are pleased to announce the winners:

Sixth Grade: Sabreen Jaber, Finley Junior High, Chicago Ridge, Ill.

Seventh Grade: Elizaveta Kalinina, Whitney M. Young Academic Center, Chicago, Ill.

Eighth Grade: Jessie Bleyenbergh, Hope Christian School, Redlands, Calif.

To see the winning posters and some of the other excellent submissions, visit IAPMO's Facebook page: <http://www.facebook.com/IAPMO>

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Alaska Adopts 2009 Uniform Plumbing, Swimming Pool and Solar Codes

The state of Alaska, a longtime user of the Uniform Codes, has formally adopted the 2009 editions of the *Uniform Plumbing Code® (UPC)*, *Uniform Swimming Pool, Spa and Hot Tub Code® (USPSHTC)*, and *Uniform Solar Energy Code® (USEC)*, the office of Lt. Gov. Mead Treadwell announced.

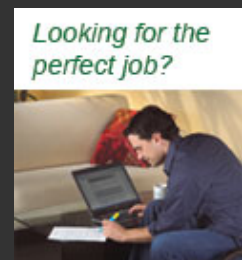
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Effective Feb. 23, 2011, these adoptions represent, with minor amendments, the minimum plumbing standards to be followed throughout the state of Alaska. Each of the three codes has been updated from Alaska's previous adoption of the 2006 edition and will govern the design, installation and maintenance of plumbing systems, pools and spas, and solar thermal and photovoltaic systems throughout the state and protect the health and safety of the nearly 700,000 Alaskans who use them.

Regulations were also added effective in 2013 requiring 16 hours of continuing education per year for state licensed plumbers, a minimum of eight of those hours devoted to the UPC.

"It is reassuring to know the people of Alaska will continue to be protected by IAPMO's comprehensive collection of Uniform Codes and we look forward to the association's assistance in providing the necessary continuing education and training through the excellent seminars they offer our industry," said Peter Jurczak, plumbing/boiler inspector, Alaska Department of Labor and Workforce Development.

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. The USPSHTC and USEC were both first published in 1976 to govern plumbing systems specifically related to pools/spas and solar installations and their component products, respectively.

The 2009 edition of each code has been designated an American National Standard by the American National Standards Institute (ANSI).

"On behalf of IAPMO's passionate and dedicated membership, I want to express gratitude to the state of Alaska for its continued support of IAPMO's commitment to health and safety through consensus-developed Uniform Codes," said IAPMO CEO GP Russ Chaney. "In turn, we pledge our collective knowledge and expertise toward the continued training and education of Alaska's highly-skilled plumbing workforce."

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IAPMO Instructor Honored as CONTRACTOR Magazine's Plumbing Instructor of the Year

John Dolen, a frequent and longtime instructor for IAPMO's continuing education program for licensed plumbers and gas fitters in the commonwealth of Massachusetts, has been named CONTRACTOR Magazine's Plumbing Instructor of the Year.

The award, which recognizes Dolen as a leader in training the next generation of plumbing apprentices, was presented on Friday at the closing session of the 2011 HVACR & Mechanical Instructor Workshop at the National Conference Center in Lansdowne, Va.

"I am humbled by this honor because I know there are many dedicated plumbing teachers throughout the country who are equally deserving of this recognition," Dolen said. "I can credit my own success to working and associating with them. I feel fortunate and proud to be involved in two noble professions: plumbing and teaching. My success is in watching my students grow and mature into today's plumbing professionals."

Dolen, a master plumber and since 1982 the plumbing and gas inspector for Leicester, Mass., has been a plumbing instructor for the past 19 years, currently at Montachusett Regional Vocational Technical School — "Monty Tech" — in Fitchburg, Mass.

"Very few instructors are also inspectors," wrote Gordon MacEwan, IAPMO's Region 6 director, in his nomination of Dolen. "When John is teaching his students while working on co-op programs in the field, he also guides them as to what an inspector will look for when performing inspections. In addition to teaching the 'mechanics' of plumbing, he also teaches the 'business' of plumbing, from the initial permitting process through the final inspection. John always has the students' best interest in mind in everything he does."

In addition to being an instructor and inspector, Dolen is also president of the Central Massachusetts Plumbing and Gas Inspectors Association and organizes its monthly meetings, which are regularly attended by 60 or more inspectors. He has also been invited to serve on the State Plumbing Board's code review committee.

Dolen has been an IAPMO member since 2003.

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Los Angeles Building Inspectors Arrested in Bribery Sting

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Two building inspectors for the city of Los Angeles have been arrested for allegedly taking bribes in exchange for approving inspections on construction projects that never occurred.

FBI agents took Hugo Joel Gonzalez, 49, of Eagle Rock and Raoul Joseph Germain, 59, of Altadena into custody Friday after an investigation that began last summer following a tip from a confidential informant. Court documents describe the informant as a work site supervisor for a residential property developer.

Gonzalez allegedly accepted \$9,000 in bribes from an informant and an undercover agent, and Germain is accused of taking \$6,000 in bribes from the undercover agent.

The informant told FBI agents that inspectors for the Los Angeles Department of Building and Safety — including Gonzalez and Germain — took the bribes at the initial inspection stage of construction, and that the bribes would cover all inspections from start to finish.

The affidavit in support of the criminal complaint in Gonzalez's case describes how the informant, and then an undercover agent posing as a residential construction contractor, gave cash bribes to Gonzalez beginning last summer. During a meeting in late August, in which the first documented bribe was made, Gonzalez signed inspection cards for two properties and told the informant he was giving the informant "preferential treatment."

According to court documents filed in the second case, Germain allegedly said in a recorded conversation with the undercover agent: "I drive by every once in awhile, take a look, I won't even stop and get off." The affidavit in Germain's case describes four \$1,500 bribe payments that resulted in Germain signing inspection forms for four houses, even though he never set foot on two of the properties.

If convicted, the men could face up to 10 years in federal prison. The Los Angeles Times reported that Gonzalez remains in custody because he has been deemed a flight risk, while Germain was released on bond on the condition he resolve an outstanding warrant on a traffic ticket.

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The Last Mile of Safe Drinking Water Delivery

Warnings from municipalities around the world to "boil water before using" are not uncommon, especially as water distribution systems get older. The farther away from the water source you go, the greater the risk. In some countries safe water is collected from community sources only to become unfit for drinking during transport to the home, or is delivered by to a building where it is contaminated because of inadequate internal plumbing. That's why IAPMO is working with researchers at the University of North Carolina Gillings School of Global Public Health to find ways to reduce the potential for recontamination through policy, technology, education, codes, and regulation.

IAPMO is supporting an "innovation lab" through the School, to be called, "The Last Mile of Safe Drinking Water Delivery." Innovation labs at the School bring together experts in diverse disciplines to approach problems from various perspectives and to accelerate solutions to some of the world's most pressing public health problems. Jamie Bartram, PhD, professor of environmental sciences and engineering and director of The Water Institute at UNC, leads this innovation lab.

"The idea is to better understand how, why and when drinking water gets contaminated during transport from a nearby source of safe water to the point of use," Bartram said. "There are reasons the water lines get contaminated — from broken pipes to 'biofilm' (bacterial) buildup or even a loss of pressure. This innovation lab will concentrate on finding ways to reduce recontamination through policy, technology, education, codes, and regulation."

IAPMO officials were at the School Wednesday, March 23, to commission the lab. GP Russ Chaney, IAPMO's chief executive officer, told Dean Barbara K. Rimer that his organization is impressed with the way the School focuses attention and resources on global water and sanitation issues, despite difficult economic times. "What you are doing has put UNC a couple of steps ahead of any other university in the world in our future-oriented approach to water, health and development," he said. "We're proud to partner with you."

Chaney and other IAPMO officials talked to Bartram and his team at UNC about the problem of water contamination throughout the United States and world.

"Even though we have some of the safest drinking water in the world in the USA, contamination does often occur after treatment and in the 'last mile' of delivery," Chaney said. "Causes include a loss of pressure in the distribution system that can result in pollutants entering the system, a cross connection where the potable water system is inadvertently connected to a polluted source of water, and, perhaps most common, a structural failure in the distribution pipes or water mains."

Bartram added, "With our aging infrastructure, this problem is just going to get more and more common. We need to find ways to help government and water officials set policies and invest resources

that will make the greatest amount of difference in keeping water safe. What we expect to learn and develop through this lab will have a lasting effect on water systems in North Carolina and throughout the developed world, but should also set precedents for developing countries, as well."

In addition to financial support, IAPMO will lend the services of Dr. Stu Asay, one of the world's foremost experts on plumbing systems and the protection of potable water from contamination sources. Dr. Asay will work closely with Dr. Bartram's team throughout the Last Mile research program.

For more information on The Water Institute at UNC, visit: www.waterinstitute.unc.edu.

Note: Bartram can be reached at 919-966-3934 or jbartram@email.unc.edu.

School of Public Health contact: Ramona DuBose, (919) 966-7467, ramona_dubose@unc.edu

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Deadline Approaching for IAPMO Essay Scholarship Contest

Following up on the resounding success of last year's inaugural competition, the International Association of Plumbing and Mechanical Officials (IAPMO), a worldwide organization of dedicated professionals striving to make our planet a safer and healthier place in which to live, will again sponsor an essay competition awarding scholarships to five young people affiliated with IAPMO and many of its industry partners.

Participants in this year's contest will submit essays expressing their thoughts on "Why Should Access to Safe, Clean Drinking Water be a Basic Human Right?" As IAPMO's *Uniform Plumbing Code*® serves as the basis of codes that protect one half of the world's population through safe installation and governance of plumbing systems around the globe, the topic chosen by the IAPMO Board of Directors succinctly reflects IAPMO's 84-year-old mission.

"There is no more obvious or pressing need to humankind than that of potable water free of unhealthy contaminants and sickness-inducing pathogens," said Dan Daniels, president of IAPMO. "While this need is obvious, the question of what constitutes a human right seemed like fertile ground in which bright young minds could explore an issue that is integral to IAPMO and our industry."

IAPMO's chapters are strong and growing, its members are the leaders in industry and the government, and the association recently had a huge influx of student/apprentice members. But there are troubling signs on the horizon; chapters are getting collectively older. While there are new inspectors, contractors and engineers joining the ranks, the vast majority of members who came out of the baby boom are now reaching retirement age.

It is with these thoughts in mind that the IAPMO Board of Directors has chosen to establish an Scholarship based on an Essay Competition to attract young people to IAPMO and reinforce the importance of plumbing and mechanical systems in our collective battle for sustainability. The competition is open to members — and their children — of IAPMO, PHCC, MCAA, the UA, ASPE and ASSE who are currently enrolled in a high school, community college, trade school, four-year accredited college or university, or working in an apprentice program.

Submitted essays must be completely original and a minimum of 1,000 words. The essay entry deadline is June 1, 2011, via e-mail, fax or mail to IAPMO World Headquarters. The winning essay will be announced next September at the 2011 IAPMO Education and Business Conference in San Antonio. The essay awarded first prize will be published in the award-winning *Official* magazine and on the IAPMO Website and its author will receive \$500 and a one-year paid membership to IAPMO. Second and third place winners will receive \$250 and \$100, respectively, and also be published in *Official* and on the IAPMO Website.

Individuals who meet the qualifications to submit an essay to the competition should include your name, your school's name and yours or your parent's professional affiliation with one of the qualifying trade associations or union locals. All essays should be sent to Ms. Gabriella Davis at IAPMO by e-mail at gaby.davis@iapmo.org; by fax at (909) 472-4222; or by standard mail to her attention at IAPMO, 4755 E. Philadelphia St., Ontario, CA 91761.

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Industry Calendar

KBIS 2011
 April 26-28, 2011
 Las Vegas, Nevada
www.kbis.com

2012 Uniform Plumbing Code and Uniform Mechanical Code Technical Committee Meeting
 May 2-4, 2011
 St. Louis, Missouri
www.iapmo.org

NFPA 2011 Conference & Expo
 June 12-15, 2011
 Boston, Massachusetts
www.nfpa.org

2011 ASHRAE Annual Conference
 June 25-29, 2011
 Montreal, Quebec Canada
www.ashrae.org

82nd Annual Education and Business Conference
 Sept. 25-29, 2011
 San Antonio, Texas
www.iapmo.org/

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| April 30, 2011 | Springfield, MA | Inspector Continuing Education Commonwealth of Massachusetts |
| May 6, 2011 | Anchorage, AK | 2009 Uniform Plumbing Code - Code Changes |
| May 6, 2011 | Helena, MT | 2009 Uniform Plumbing Code – Montana Amendments |
| May 7, 2011 | Anchorage, AK | 2009 IMC - Code Changes |
| May 12, 2011 | San Diego, CA | 2010 California Plumbing and Mechanical - Code Changes |
| May 13, 2011 | San Diego, CA | 2010 California Plumbing and Mechanical - Code Changes |
| May 16, 2011 | Portland, OR | 2010 Oregon Mechanical Specialty Code |
| May 26, 2011 | Albuquerque, NM | 2009 Uniform Plumbing Code - Code Changes |
| May 27, 2011 | Albuquerque, NM | 2009 Uniform Mechanical Code - Code Changes |
| June 10, 2011 | Missoula, MT | 2009 Uniform Plumbing Code – Montana Amendments |
| June 17, 2011 | Juneau, AK | 2009 Uniform Plumbing Code - Code Changes |
| June 18, 2011 | Juneau, AK | 2009 IMC - Code Changes |
| June 18, 2011 | Ames, IA | Plumbing and HVAC Continuing Education for State of Iowa License |
| September 25-29, 2011 | San Antonio, TX | IAPMO 82nd Annual Education & Business Conference |

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!

