

TECH TALK



CAPT

April 2009 Edition

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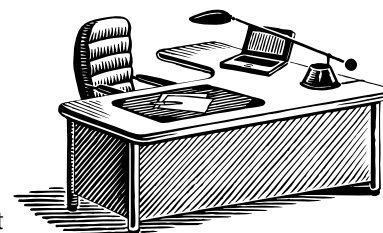
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From the President's Desk

I read this recently in a newsletter I received from The Ablaze Group, Inc. I thought this was very timely for our tough economic times and wanted to share it with you:



"Individuals who are savvy about the current economic climate...are going to constantly seek out those new training opportunities...to update their skills so that they will be more indispensable to the organization, and that's not something that just happens by itself...you have to constantly be making the case for why you and why your position is critical for the success of the organization."

– Tahira Probst, *Industrial/Organizational Psychology, Washington State University, Vancouver, WA, was heard on National Public Radio Weekend Edition, Sunday, February 8, 2009.*

There are a couple of ways to do this:

- Become a Certified Permit Technician or obtain additional ICC certifications.
- Volunteer for a committee or board position with your local Permit Technician Chapter and/or your local ICC Chapter.
- Join ICC as an individual member.
- Cross train for a day in another area like inspections, plan review or code enforcement.
- Submit an article for publication for your local Permit Technician Chapter and/or your local ICC Chapter.

I would also like to remind everyone of the educational opportunities at our four scheduled CAPT Meetings this year. I am pretty excited about them and hope you will be too! Please be on the look out for the agendas for these upcoming meetings. The exact dates can be found on our website at www.cocapt.com.

Please know that your CAPT Board is aware of the importance of training – and are constantly fine tuning the training opportunities presented to you. Should you have any suggestions for training – please contact myself or one of the board members. We would be happy to hear from you!

NEXT CAPT MEETING:

Wednesday, May 20, 2009
City of Longmont
8:00—4:00 pm



RSVP to:

Darla Brooks
CAPT Program Chair
720-874-6609 or
dbrooks@co.arapahoe.co.us

Registration Fee: \$35.00 cash or check payable to CAPT at the door. (Registration Fee includes Breakfast, Breaks, Lunch, Instructional Materials and is Non-refundable)

Agenda

- 8:00—8:30** **Registration**
- 8:30—9:00** **Business Meeting**
Ann Freiberg, CAPT President Presiding
- 9:00—10:15** **“Energy Code Basics”**
Glenn Mathewson
Attendees who complete this course will be able to: understand common terms, systems and concepts of energy codes; translate the energy provisions of the International Residential Code into construction projects; and use air barriers to get the maximum R-value from the thermal building envelope.
- 10:15—10:30** **Break**
- 10:30—12:00** **“Energy Code Basics” (continued)**
- 12:00—1:00** **Lunch**
- 1:00—4:00** **Tour of the totally green built Blue Vista Subdivision.**
See houses under construction and use what we learned in Energy Code Basics to identify energy efficiency.



**to pay your 2009
Membership Dues**

TALK OF THE TRADE



Tools for Communities

1 • Call Before you Dig



**Know what's below.
Call before you dig.**

2 • Know what the Marks Mean

Colored markings on the ground correspond to specific types of facilities. The universal guide for markings is below.

Proposed Excavation
Temporary Survey
Electric Power Lines, Cable Conduit and Lighting Cables
Gas, Oil and Petroleum and Gaseous Materials
Communications, Alarm or Signal Lines and Cables or Conduit
Potable Water
Reclaimed Water, Irrigation, and Slurry
Sewer and Drain Lines

3 • National Pipeline Mapping System

NPMS can assist you with determining what transmission pipelines are in a particular county, their general location, the products transported and contact information for the pipeline operator. To access the NPMS, go to www.npms.phmsa.dot.gov.

CELEBRATING SUN POWER

The Denver Museum of Nature and Science is tapping into abundant Colorado sunshine for a portion of its power needs, thanks to a roof-mounted solar photovoltaic system. It consists of 465 solar panels split between roofs on the southeast and southwest wings of the Museum.

Photovoltaic cells are made up of special materials called semiconductors. Often that material is silicon. When light strikes the cells, a portion of the energy from the light is absorbed into the semiconductor material. The energy knocks electrons loose, allowing them to flow freely. Electric fields within the cells force those electrons to flow in a certain direction. This flow of electrons is called a current, and by placing metal contacts on the top and bottom of the cells, electricity can be drawn from the current to use in the building.

SOLAR FAST FACTS:

- The Earth receives more energy from the sun in one hour than the human population uses in an entire year.
- The Museum's system will offset over 135 tons of CO2 a year, which is equivalent to planting 11,500 trees.
- The photovoltaic array will generate 134,500 kilowatt hours of electricity a year. That's the equivalent to powering 30 homes.

The photovoltaic array at the Museum was made possible through a collaboration of several community leaders in renewable energy, including Hybrid Energy Group, Partnership for Sustainability, Xcel Energy's Solar*Rewards program, and Namasté Solar Electric.



Highlights

We're on the Web

www.cocapt.com

Meet CAPT's Staff Liaison

David Nichols is a Regional Government Relations Manager for the International Code Council (ICC). He serves as staff liaison for the states of Arizona, Colorado, Nevada, New Mexico and Utah in the role of State and Local Government Relations. Before joining ICC in September of 2004, Mr. Nichols was employed by TRW Vehicle Safety Systems as Director of Regulatory Affairs for the Inflatable Restraints Division. In this capacity, he served as the company spokesperson and had responsibility for building code, safety and environmental compliance; community, government and media relations; code development and legislative lobbying. Prior to his work with TRW, he completed a twenty-one year career with Mesa Fire Department serving the last three years as a Division Chief and Fire Marshal. Welcome David - CAPT looks forward to working with you in the future.



Permit Tech Spotlight

Jody Meyer is the Planning Assistant for the Morgan County Planning Department located in Fort Morgan, Colorado.

Morgan County is 36 miles long and 36 miles wide and sits in the northeastern part of the State. Jody has worked for the County for 11 years. The Planning Department also handles all building and zoning permits. In July of 2006 Morgan County adopted their first building codes. The office consists of a Planning Administrator, one Building Inspector/Official and two permit technicians. Jody has just recently become a member of C.A.P.T. and attended training classes in March at the CCICC Educational Institute.

Hats Jody wears other than the Planning Assistant are Fairgrounds Coordinator for the Morgan County Fairgrounds and Secretary/Treasurer for the Morgan County Fair Board. When the phone rings, she's never sure which hat she will put on.

Jody and her husband Alan live on a farm northeast of Fort Morgan. They raise various crops, have a small cattle herd and sow herd. They have two animal sales each year, mainly selling calves and pigs for 4-H projects.

Jody has two grown sons, both living in Fort Morgan with their families. She enjoys being grandma to her three grandchildren. Her other hobbies include gardening, reading and being with family and friends. Country life is the greatest!

CAPT welcomes Jody and looks forward to seeing her at meetings in 2009.





Strategies for a Successful Building Safety Week

May 3-9, 2009

Your building department or chapter can use the following ideas to promote Building Safety Week in your jurisdiction or region.

1. Distribute Building Safety Week Information

Distribute the information and resources in the Code Council's BSW Campaign Kit in governmental offices, hardware stores, building materials suppliers, schools, banks, libraries, etc. The kits include brochures, children's activity books, posters, a news release, logos, pencils and stickers that are fun for all ages.

2. Host A Building Department Open House

Hold an open house and arrange public tours of the department conducted by staff members. Include everything from the permit counter to the plan review section. Prepare handout materials to distribute at the end of each tour. Use newspaper, radio and TV announcements to invite the public; schools' civic clubs' and businesses such as plumbing, heating and air-conditioning companies, lumber yards, hardware stores and electrical contractors; as well as architects; engineers and builders.



3. Recruit Speakers

Pick Chapter members or officials from your building or fire department to address professional associations, civic groups, construction technology programs, and architectural and engineering schools. These presentations should explain how building safety helps protect people and property.

4. Visit An Elementary School

Contact teachers at your local schools and ask if you can come to the school for a presentation on building safety. Bring along copies of CODiE the Cougar's Activity Book, Junior Building Stickers and BSW pencils (all available in the BSW Kit). The activity book provides a good basis for explaining what the building department does and how it makes homes safer for everyone. There's even a Building Safety Certificate in back of the activity book for students.

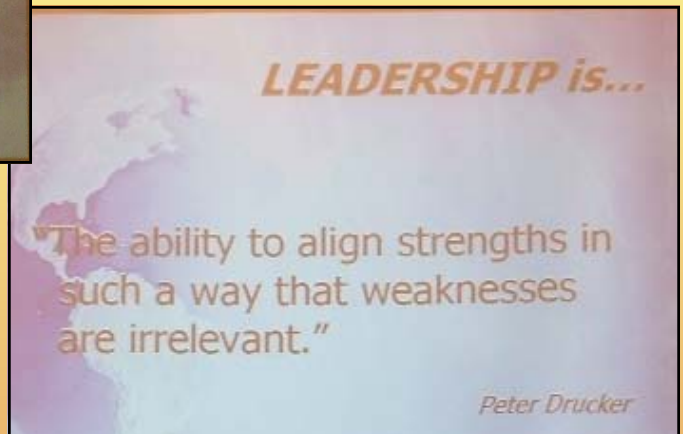
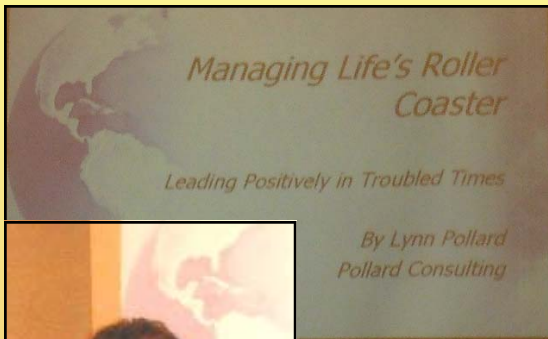
For additional ideas and to Order Your Campaign Kit:

1-800-786-4452 or www.buildingsafetyweek.org

"Tomorrow is your reward for working safely today."

Author Unknown

NOVEMBER 15-16, 2011



Check this out!



Nature Unleashed: Inside Natural Disasters

February 13 - May 3, 2009



From earthquakes and volcanoes to hurricanes and tornadoes, nature's forces have shaped our dynamic planet. Throughout history, these catastrophic phenomena's have affected people around the world. Now, uncover the causes of these natural disasters and find out how people cope and adapt in the aftermath. In this captivating, interactive new exhibition all of nature's power is on display at the Denver Museum of Nature & Science.



Colorado Chapter of the International Code Council Meeting Announcement

Date: April 24, 2009
 Location: Aspen, Colorado

Visit: www.coloradochaptericc.org for meeting agenda, map and information.



ICC CONTACTS

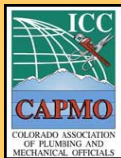
1-888-ICC-SAFE (422-7233)

Web address: www.iccsafe.org

International Code Campus:

www.icccampus.org

eNews - The International Code Council's award winning electronic newsletter, distributed monthly, keeps members and interested parties up to date with International Code Council programs and relevant industry activities. Read the current issue at www.iccsafe.org/news



Colorado Association of Plumbing and Mechanical Officials

Sam Dardano
 President
 (303) 441-4283

dardanos@ci.boulder.co.us

Next meeting Thursday, May 21, 2009
 Jefferson County



Fire Marshal's Association of Colorado









Rob Geislinger
 President
 720-274-3704

rgeislinger@parkerfire.org

www.co-fmac.org

CAPT LIBRARY

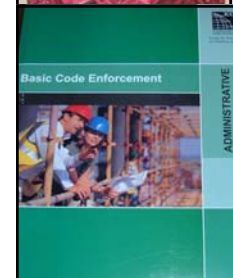
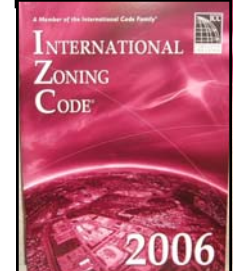
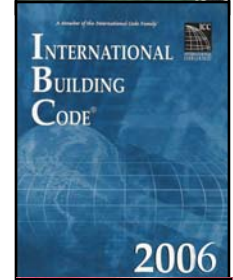
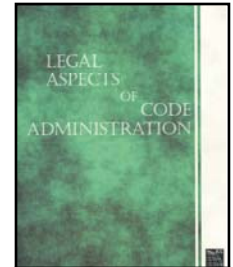


-  2006 International Building Code
-  2006 International Zoning Code
-  2002 Legal Aspects of Code Administration
-  2002 Legal Aspects Workbook
-  Basic Code Enforcement
-  VHS Video/World Trade Center: A Modern Marvel (1973-2001)
-  VHS Video/The Quiet Heroes
-  DVD People Helping People

Study Materials available for checkout to CAPT members.

Contact:

Leslie Carpenter at lcarpent@jeffco.us or 303-271-8287 if you would like to check out materials from the library.



Change Your Thoughts and You Change Your World

How to Become a Certified Permit Technician

Books needed for the test

2006 IBC (chapters 1-3, 6, 12 and 34)
 2006 IZC
 2002 Legal Aspects
 Basic Code Enforcement 8th printing

Additional Study Material

2006 Permit Technician Study Companion
 ICC Campus Online Course

Exam Details and Fees

\$180.00 computerized
 60 multiple-choice questions—
 Open Book—2 hour limit
 General Administration 39%
 Legal Aspects 22%
 Plans and Documents 25%
 Zoning and Site Development 14%

Number to call to schedule an exam
 1-800-275-8301

<http://www.iccsafe.org/certification>