

TECH TALK



CAPT

July 2009 Edition

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From the President's Desk

CAPT has an exciting training opportunity being offered September 16, 2009. A Post-Disaster Safety Assessment Program will be conducted in the morning by Rick Davis, Chief Building Official of the City of



Northglenn. This class will cover the administrative portion of what is helpful/useful information to a Permit Technician in a post-disaster safety assessment evaluation. To receive government funds for a natural disaster it is imperative to have accurate and complete paperwork.

In the afternoon, a representative from the Division of Emergency Management will take the group through the entire picture of a post-disaster safety assessment scenario and show us how a Permit Technician would fit into this picture. The Division of Emergency Management is currently researching issuing Permit Technicians badges to work in a disaster situation if one arises.

This is a great opportunity to learn how Emergency Management tackles disasters and how valuable the role of a Permit Technician can be.

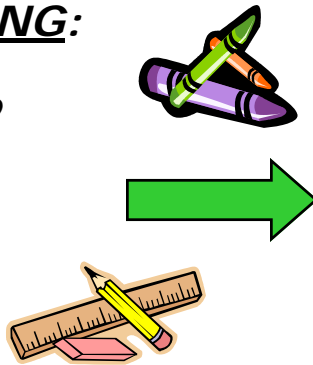
Look for the complete agenda early August at www.cocapt.com

Enjoy your summer and I look forward to seeing everyone in September.

A handwritten signature in black ink, appearing to read "Ann Freiberg".

JULY CAPT MEETING:

Wednesday, July 29, 2009
 8:00 am—4:00 pm
 Hosted by Town of Erie
 Erie Community Center
 450 Powers Street
 Erie Colorado

**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)

Don't Forget CAPT's Community Service project. Please bring the listed School Supplies to the meeting for distribution to those in need.

12"-rulers
 boxed crayons
 spiral notebooks
 compasses
 pink erasers
 glue or glue sticks
 blue or black pens
 filler paper
 packaged color pencils
 packaged #2 pencils
 protractors
 blunt tip scissors
 yellow highlighters
 pencil bags

Agenda**"Building Codes for Basement Finish"**

presented by Glenn Mathewson

A hand-picked organization of many of the prominent IRC provisions as they relate to basement finishing.

Objectives: Upon completion of this course you will...

- ◆ Be aware of the complications that can occur during construction that are hard to foresee during plan review.
- ◆ Understand the importance and difficulty of proper fireblocking installation.
- ◆ See how easily the existing structure and systems can be negatively affected by a poorly executed basement finish.



Glenn Mathewson is currently working as a General Building Inspector for the City of Westminster CO, performing residential and commercial inspections of building, plumbing and mechanical installations, as well as residential electrical inspections. Prior to this employment, he was a deck and home-remodeling contractor. Glenn has earned a Master Code Professional Certification through the International Code Council. In addition to his work as a municipal inspector, he has been writing technical articles for the Professional Deck Builder Magazine for the last two years and is listed as a contributing editor. Glenn also works as a speaker/trainer, developing and presenting building code related courses for numerous organizations and events around the country. Glenn is currently completing a book titled "Deck Construction Based on the 2009 International Residential Code", which will be published by the International Code Council and will be available by the end of this summer.

Glenn is a husband and a father of three young children. He attends evening classes at the Metropolitan State College of Denver in pursuit of a B.S. degree in Civil Engineering Technology, and expects to graduate in 2013.



IMPORTANT NOTICE:

CAPT is currently seeking 2010 nominations. The election will take place at the November Annual Business Meeting. Without commitment and leadership of the organization, CAPT would cease to exist. If you are interested in serving on the CAPT Board, please contact any of the officers listed on the front page for information about duties and responsibilities.

**Or attend the next board meeting
Wednesday, August 12, 2009
at the City of Lakewood.**

TALK OF THE TRADE



2009 CODE UPDATE

New PMG codes tackle clean air, child safety, drinking fountains

New features of the 2009 *International Plumbing, Mechanical and Fuel Gas Codes* (PMG) include revised outdoor air ventilation requirements to improve air quality, requirements for locking caps on air conditioning units to prevent inhalation of refrigerants, and consistency in calculating restroom size in businesses. The new codes address the design, installation and performance of plumbing, mechanical and fuel gas systems to assure they are safe and efficient. To purchase the 2009 *International Codes*, visit www.iccsafe.org/2009icodes.

New features in the 2009 *International Plumbing Code* (IPC) include:

- Establishments with occupant loads of 15 or fewer are no longer required to provide drinking fountains.
- Site-built shower pans must be leak-tested to assure watertight installation to help prevent costly future repairs.
- The new code-required method for calculating the number of plumbing fixtures will prevent a shortage of fixtures in business occupancies.

The 2009 *International Private Sewage Disposal Code* is now printed within the IPC. It includes provisions for design, installation, and inspection of private sewage disposal systems.

New requirements in the 2009 *International Mechanical Code* (IMC) include:

- Revised outdoor air ventilation requirements to more closely reflect ASHRAE 62 and improve the indoor air quality performance of systems designed to the IMC.
- Increase from 25 to 35 feet the maximum length of a clothes dryer duct to provide more flexibility for locating clothes dryers.
- A new section requiring locking access caps on outdoor refrigerant systems to prevent children from easily accessing and potentially inhaling the refrigerant.

New elements in the 2009 *International Fuel Gas Code* (IFGC) include:

- New bonding requirements for CSST piping systems to reduce the chance of damage from lightning.

H i g h l i g h t s

We're on the Web
www.cocapt.com

Congratulations to "**Jill Stevens-Douglas County**" and "**Sheri Brimmer-City of Aurora**" on passing your Permit Technician certification test.

If you have recently passed an ICC exam or have a milestone you would like to share let us know. We would like to acknowledge your success. Please send your name, jurisdiction and type of certification received to:

icarpent@jeffco.us

Permit Tech Spotlight

Debe Wixson is originally from Cleveland, Ohio but has lived in Colorado since 1982. Debe has been working as the Secretary in the Building Division at the City of Westminster since February of 2008. Her background includes Project Coordination, General Management, Office Management and Estimating, mostly in the commercial painting industry and General Construction. Always eager to learn, Debe plans to become a Certified Permit Technician and eventually work into Plan Review.



Debe has been married to her husband Dexter for a little over two years and has a daughter and two step-sons. She enjoys baking, cooking, camping, hiking, beading jewelry and Silpada home shows in her spare time.

Wellness Recipe: Strawberry and Grilled Chicken Salad

Ingredients: 2 chicken breasts; salt and cracked pepper; 2 pints of fresh strawberries, divided; 1 sprig of basil; ½ pint of nonfat plain yogurt; 2 heads of Bibb lettuce; 4 oz. of chickpeas; ½ cup nonfat ricotta cheese; 2 oz. walnuts; and 1 small red onion, thinly sliced.

Season chicken with salt and pepper and grill. Set aside.

For the dressing, combine strawberries, basil and a small amount of water in a saucepan and reduce on low heat. When substance has reduced by one-third, allow to cool and add yogurt and black pepper (to taste) and puree in a blender.

Cut off core of Bibb lettuce, separate the leaves and put into a mixing bowl. Add chickpeas, ricotta, red onion, walnuts and remaining strawberries. Add a small amount of dressing and toss well.

Slice chicken breasts and add to top of salad and serve.

377 calories; 12 grams fat; 37 grams carbohydrate; 29 grams protein

2009 May CAPT Meeting

A HUGE thank you to Permit Technicians Julie Conde and Jane Madrid from the City of Longmont for hosting the May CAPT meeting. A task well done!



Nicole Montgomery, 1st Vice President, started the meeting off with an update on CAPT business. She then introduced speaker Glenn Matthewson.

Glenn enlightened us with a fast paced and informative journey into energy code basics. By the end of the morning we all felt much more educated for our afternoon field trip to the totally green built Blue Vista Subdivision located directly across the street from our meeting location.



With guide Megan Cuzzolino in lead the group toured houses in rough and finished mode. This subdivision is made up of single family units as well as condos and town homes all Built GREEN.

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Bees: A Workplace Hazard.

During the summer months, bee stings are one of the most frequent causes of injury listed on municipal worker accident reports. If bees swarm, barricade the area and warn employees to stay away. Most swarms leave in a few days once a permanent home has been found. Your best defense is to spot the bees first and avoid them. Bees become more aggressive when exposed to certain odors, colors and the vibration of chainsaws, lawnmowers and other engines. If bees attack, your only defense is to seek shelter in a vehicle or building. Trying to outrun a bee is futile — bees can fly about 20 miles per hour. If stung, scrape the stinger out as soon as possible; a stinger can continue pumping venom into your system for up to 10 minutes. Wash the sting site and apply ice to reduce swelling. Contact a doctor if you are stung multiple times or if you begin developing an allergic reaction.

(From: www.safetyxchange.org)



If you have been thinking about taking the certification test in the future, remember that the 2009 codes will be in effect January 1, 2010.

You have until December 31, 2009 to test on the 2006 codes.

There are 113 Certified Permit Technicians in the State of Colorado.



Baltimore's historic Inner Harbor seaport will be the setting for this year's International Code Council Annual Conference and Code Development Hearings. Online registration is now available and easier than ever.

Take advantage of our quick registration process, receive your email confirmation the same day and save \$10 by registering online.

http://www.eshow2000.com/iccbwi/attendee_home.cfm

Udder Safety:

“Safety comes in cans: I can, you can and we can.”

(From: safetycenter.navy.mil)

Tid Bit

Tornado Safety. The least desirable place to be during a tornado is in a motor vehicle. Cars, buses, and trucks are easily tossed by tornado winds. **DO NOT TRY TO OUTFRAN A TORNADO IN YOUR CAR.** If you see a tornado, stop your vehicle and get out. Do not get under your vehicle. If you are caught outside during a tornado and there is no adequate shelter immediately available:

- Avoid areas with many trees.
- Avoid vehicles.

And according to FEMA, if you are outside with no shelter:

- Lie flat in a nearby ditch or depression and cover your head with your hands. Be aware of the potential for flooding.
- Do not get under an overpass or bridge. You are safer in a low, flat location
- Never try to outrun a tornado in urban or congested areas in a car or truck. Instead, leave the vehicle immediately for safe shelter.

Watch out for flying debris. Flying debris from tornadoes causes most fatalities and injuries.



Colorado Chapter of the International Code Council Meeting Announcement

Date: August 5-7, 2009
 Location: Estes Park

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

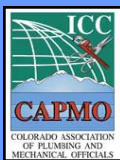


ICC CONTACTS

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, July 16, 2009
 Jefferson County



Fire Marshal's Association of Colorado

Rob Geislinger
 President
 720-274-3704

rgeislinger@parkerfire.org
www.co-fmac.org

CAPT LIBRARY

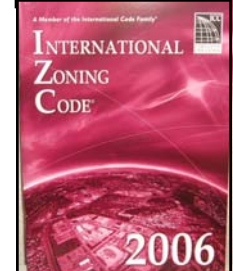
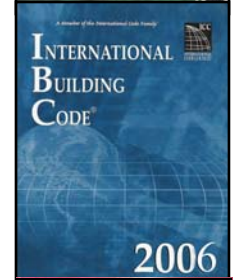
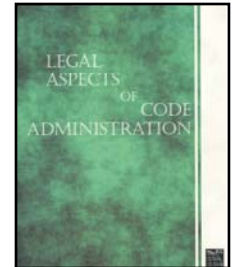


- 📖 2006 International Building Code
- 📖 2006 International Zoning Code
- 📖 2002 Legal Aspects of Code Administration
- 📖 2002 Legal Aspects Workbook
- 📖 Basic Code Enforcement
- 📖 VHS Video/World Trade Center: A Modern Marvel (1973-2001)
- 📖 VHS Video/The Quiet Heroes
- 📖 DVD People Helping People

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.



Excellence is not a skill it's an Attitude

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>