



Second Annual Building Educational Conference

**Gran Tree Inn
Bozeman, Montana
April 3-5, 2007**

Presented by:
The Montana Department of Labor & Industry-Bureau of Building
and Measurement Standards
The Montana Chapter of the International Code Council
The Montana Building Industry Association
The Montana Contractors Association



Second Annual Building Educational Conference Speakers

This training program has been developed for building officials, building inspectors, contractors, construction project managers and building design professionals. A non-mandatory registration fee of \$35 for all 3 days is being assessed to help cover expenses.

April 3, 2007

2006 IMC Update

Tim Burgett - Instructor & Code Analyst with the International Code Council; Birmingham, Alabama

A four hour seminar to discuss changes from the 2003 to the 2006 IMC. Identifies changes in the organization, code requirements and the applicability of these requirements to design, plan review, and inspection. *April 3rd, AM*

2006 IFGC Update

Tim Burgett - Instructor & Code Analyst with the International Code Council; Birmingham, Alabama

A four hour seminar to discuss the changes from the 2003 to the 2006 IFGC. Identifies changes in organization, code requirements and the applicability of these requirements to design, plan review, and inspection. *April 3rd, PM*

Concrete Properties, Weather, Applications and Additives

Bob Glasgow - Concrete Division Montana Contractors Association, JTL Group; Billings, Montana

A four hour educational track aimed at giving builders and code enforcement officials information they need to successfully manage residential construction sites utilizing concrete materials. *April 3rd, AM*

Fundamentals of Residential Construction Safety

Sean Thatcher - Workplace Safety Director Montana Building Industry Association; Helena, MT

A four hour seminar for building officials and builders on the basics of jobsite safety including excavation and trenching, fall protection, ladders and scaffolding, framing safety, trips and falls and jobsite electrical safety. *April 3rd, PM*

Fire Stopping Overview

Jeff Reid - Field Engineer for Hilti; Salt Lake City, Utah

Information on where, when and why we need fire stopping and how to do it. *April 3rd, AM*

Fire Sprinkler Overview for Designers, Contractors and Code Officials

David R. Hughes, Jr. PE, Jason Anderson, PE, Mark Gouveia, PE; Bozeman, MT

IBC and UFC requirements and State of Montana amendments to code requirements. Discussion of various systems (wet, dry, anti-freeze and special applications). NFPA standards for commercial (NFPA 13), residential (NFPA 13R) and single family (NFPA 13D) fire sprinkler systems. *April 3rd, PM*

Engineered Lumber Concepts for Contractors, Designers and Code Officials

Bill Lancaster - Area Manager for Boise Cascade Engineered Wood Products (EWP); Salt Lake City, Utah

This full day presentation will cover sizing and performance of Engineered Wood Products, proper placement of holes in I-joists and beams, common mistakes in the usage of EWP and an introduction to sizing with EWP sizing software. *April 3rd, Full Day*

Green Buildings

Kath Williams - President Council for Green Buildings and Dr. Mike Vogel- Professor at MSU; Bozeman, Montana

An overview of principals, practices, and a case study of the Bozeman library. *April 3rd, AM*

April 3, 2007 (continued)

Energy Concepts for Designers, Contractors and Code Officials

Paul Tschida - Energy Education Specialist, Montana Department of Environmental Quality; Helena, MT

The four hour seminar covers an overview of concepts relating to energy. *April 3, PM*

Simpson Strong Tie Presentation

Ken Korolyk, Ryan Edwards, Mike Finzer, and Olga Psomostithis; Simpson-Strong Tie Company

These workshops are designed especially for anyone interested in learning about proper connections. These workshops will present detailed information on Strong-Tie products for wood framed construction. The Simpson Anchoring Systems will be covered with highlights on the plated truss industry, and engineered wood products. *April 3rd, Full Day*

April 4, 2007

Code Essentials for Contractors

Tim Burgett - Instructor & Code Analyst with the International Code Council; Birmingham, Alabama

Concepts of code compliance and explains the role of model codes and standards in the construction industry. *April 4th, Full Day*

Steel Framing

Andy Frank - Dietrich Steel Framing; Denver, Colorado

This four hour course provides an introduction to the use, properties and erection of cold-formed steel framing members in residential construction. The course will focus on code provisions controlling the construction of exterior steel wall framing and interior load-bearing steel wall framing, including proper installation techniques and fastening requirements. In addition the course will address the advantages, cost and practicality of steel framing as an alternative to conventional wood construction. *April 4th, PM*

Western Wood Preservers

Jerry Parks - Director of Marketing Services for Western Wood Preservers; Vancouver, Washington

Discussion of pressure-treated wood technical characteristics and building code related applications. *April 4th, AM*

Dave Bueche - Hoover Treated Wood Products; Thomson, GA

Discussion of fire-retardant-treated wood technical characteristics and building code related applications. *April 4th, AM*

Municipal Code Overview

Kim Palmieri - Building Official; City of Billings, Billings, Montana

Overview of municipality procedures. *April 4th, PM*

Big Sky Insulation R Control Panels & IC Forms

Greg Werner, Director of Development; Randy Honea and Sterling Lantz; R-Control SIP Sales Representatives; Chris Luehder, Foam Control Sales Representative; Greg Hall, Foam-Control Roofing Sales Representative

Big Sky Insulation will offer two identical, one-half day sessions of four hours. The session will focus on all Expanded Polystyrene Building (EPS) products and will offer the attendee an in-depth exploration of these energy-saving building products and methods. *April 4th, AM, repeated again PM*

April 4, 2007 (continued)

Buffalo Restoration

Ben Yanker - President and Co-Owner of Montana Basement Systems; Bozeman, Montana and Alisa Yanker, Sysytem Design Specialist; Bozeman, Montana

Information on moisture in buildings and structural drying, sources of crawl space moisture, venting of unconditioned crawl spaces. *April 4th, AM*

2006 IBC Significant Changes (ICC)

Doug Thornburg - AIA, C.B.O. Director of Product Development International Code Council; Wichita, Kansas

Significant changes to the International Building Code 2006 Edition is to familiarize building officials, fire officials, plan examiners, inspectors, design professionals, contractors, and others in the construction industry with many important changes in the 2006 IBC. *April 4th, Full Day*

April 5, 2007

Communications for Code Officials (ICC)

Tim Burgett - Instructor & Code Analyst with the International Code Council; Birmingham, Alabama

Information on techniques & resources that increase communication effectiveness. Examines verbal & written communication in completing code enforcement tasks. *April 5th, Full Day*

Design and Construction Requirements of the Fair Housing Act and ADA

Michael O'Neal, Director of the Montana Home Choice Coalition; Helena, MT

The four hour workshop presents a review of the accessibility design and construction requirements of the Fair Housing Act, as well as accessibility best practices in housing design and construction. The module is intended for stake-holders in the design and construction industry and construction codes industry. *April 5th, AM*

Boilers in Commercial & Residential Applications

Jim McGimpsey - Bureau of Building & Measurement Standards; Helena, Montana

Boiler safety and State jurisdictional authority as it applies to commercial boilers per the MCA's and ARM'S. Boiler operator licensing requirements on jurisdictional boilers and provide license applications to interested parties. Responsibilities of certified city inspectors as they relate to mechanical codes requirements per the IMC and the IFGC. *April 5th, PM*

TracPipe Flexible Gas Piping

Jim Ridgway -Billings, Montana and David Strick - San Diego, California; Ridgway and Associates

In this four hour workshop you will be informed on TracPipe flexible steel piping material used in natural gas and propane installations. Instructor will provide certification in use of this product. *April 5th, AM*

Roofing Materials & Methods

Reinhard Schneider - Technical and Product Development Manager of DensDeck at the Georgia Pacific Corporation

State of the commercial roofing industry. What does a Hurricane on the Gulf Coast have to do with Roof Design in Montana? And USGBC and LEEDS? *April 5th, PM*

Countrywide Home Loans

Sherrie Kitto and Terri Sills; Bozeman, Montana

In this presentation, you will be informed of the builder loan programs that Countrywide Home loans can offer for your buyers. To help you secure your customers and pay you in a timely manner. Let Countrywide carry the burden and put you at ease so you can do what you do best, BUILD. *April 5th, PM*

April 5, 2007 (continued)

UL Fire Resistive Concepts

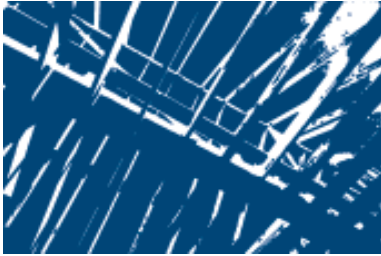
Bob Eugene - Senior Staff Engineer with Underwriters Laboratories; Lynnwood, Washington

Provides an in-depth review of the fire resistive systems and elements specified in Chapter 7 of the 2006 International Building Code. *April 5th, Full Day*

Indoor/Outdoor Environmental

Bob Frantz - Environmental Scientist, Indoor/Outdoor Environmental, LLC; Helena, MT

Introduction to mold in new (and old) construction (commercial, institutional, and residential), and mold in relation to building code issues. *April 5th, AM*



The training is funded in part through the Building Codes Education Program state special revenue account. This account is derived from .5% of building fee revenues and was established for the purpose of providing continuing education in building code standards and related topics to interested persons in the construction industry and in regulating agencies of state and local government.

Montana Building Code Class Schedule

Tuesday April 3	2006 IMC Update (AM)	Concrete Properties, Weather, Applications & Additives (AM)	Fire Stopping Overview (AM)	Engineered Lumber Concepts for Contractors, Designers and Code Officials (Full Day)	Green Buildings (AM)	Simpson Strong Tie Presentation (Full Day)
	2006 IFGC Update (PM)	Fundamentals of Residential Construction Safety (PM)	Fire Sprinkler Overview for Designers, Contractors and Code Officials (PM)		Energy Concepts for Designers, Contractors and Code Officials (PM)	
Wednesday April 4	Code Essentials for Contractors (Full Day)		Western Wood Preservers (AM)	Big Sky Insulation R Control Panels & IC Forms (AM)	Buffalo Restoration (AM)	2006 IBC Significant Changes (Full Day)
		Steel Framing (PM)	Municipal Codes Overview (PM)	Big Sky Insulation R Control Panels & IC Forms (PM)		
Thursday April 5	Communication for Code Officials (Full Day)	Design and Construction Requirements of the Fair Housing Act and ADA (AM)	TracPipe (AM)		Understanding Fire Resistive Requirements (Full Day)	
		Boilers in Commercial & Residential Applications (PM)	Roofing Materials & Methods (PM)	Countrywide Home Loans (PM)		Indoor/Outdoor Environmental (PM)

Full day and morning (AM) classes start at 8 a.m. Afternoon (PM) classes start at 1 p.m.

Registration and Course Selection Form

Name: _____ Work Phone Number: _____

Representing: _____ Cell Phone Number: _____

Address: _____ City, State and Zip: _____

E-mail: _____ Amount of Check Enclosed: _____

Please check one: Builder/contractor Design Professional Code Official

Course Selection

You may select any class/classes being offered for each day.

Tuesday

- 2006 IMC Update (AM)
- 2006 IFGC Update (PM)
- Concrete Properties, Weather, Applications and Additives (AM)
- Fundamentals of Residential Construction Safety (PM)
- Fire Stopping Overview (AM)
- Fire Sprinkler Overview for Designers, Contractors and Code Officials (PM)
- Engineered Lumber Concepts for Contractors, Designers and Code Officials (Full Day)
- Green Buildings (AM)
- Energy Concepts for Designers, Contractors and Code Officials (PM)
- Simpson Strong Tie Presentation (Full Day)

Wednesday

- Code Essentials for Contractors (Full Day)
- Steel Framing (PM)
- Western Wood Preservers (AM)
- Municipal Codes Overview (PM)
- Big Sky Insulation R Control Panels & IC Forms (AM)
- Big Sky Insulation R Control Panels & IC Forms (PM)
- Buffalo Restoration (AM)
- 2006 IBC Significant Changes (ICC)

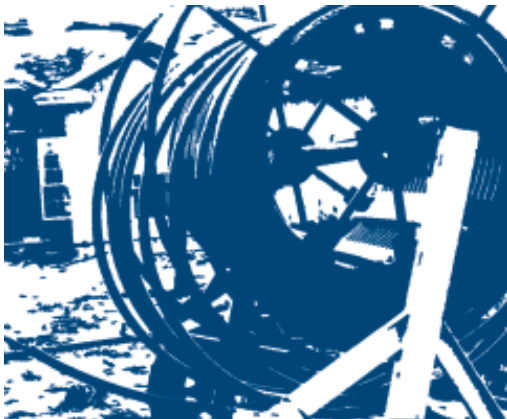
Thursday

- Communications for Code Officials (ICC) (Full Day)
- Design and Construction Requirements of the Fair Housing Act and ADA (AM)
- TracPipe (AM)
- Roofing Materials and Methods (PM)
- Boilers in Commercial and Residential Applications (AM)
- Countrywide Home Loans (PM)
- UL Fire Resistive Concepts (Full Day)
- Indoor/Outdoor Environmental (PM)

A Special Thanks to Our Sponsors:

- Ridgway and Associates
- Big Sky R Control
- Montana Department of Labor & Industry
- Clausen Windows
- Buffalo Restoration, Inc.
- Hilti, Inc.

Classes will be offered on a first come first serve basis.



Registration Fee: \$35

Registration fee (non-mandatory) covers all three days should be paid to the Montana Building Industry Association. Full payment should accompany your registration form. Registration deadline is Monday, March 19, 2007.

Please return registration/course selection form and fee to:
Nancy Rae at the Montana Building Industry Association
1717 Eleventh Avenue, Helena, MT 59601

A block of rooms has been reserved at the Gran Tree Inn. We have negotiated a government room rate of \$78.11 single, \$84.53 double. A non-government rate of \$95.23 is also available. Taxes are included in these rates. State government rates are available at neighboring hotels. Please call 1.406.587.5261 by March 9, 2007 to make room reservations.