



CODE ENFORCEMENT OFFICIALS OF SOUTHERN ILLINOIS

Agenda

Regular Meeting

Thursday November 12th. due to holiday

Location at Fire & Smoke Restaurant
1214 Central Park Drive
O'Fallon, Illinois
(618) 589-3628

RSVP to Jerry McNulty by November 5th. 2015

jmcnulty@ofallon.org

Sign in 8:30am, class starts at 9:00am. This is a 3 hour class.

Cost \$15.00 members, \$25.00 non-members

Subject:

3-Hour Fire-Retardant Treated Wood Program

Sponsored by: Hoover Treated Wood Products

A Preferred Provider for the I.C.C.

AIA & I.C.C. CEU's will be awarded

Instructor; Jim Gogolski

Background Summary

Jim Gogolski is a Marketing Representative with Hoover Treated Wood Products, Inc., educating architects, engineers, building code officials and fire officials on the many uses of fire-retardant treated wood in the building code. Before Hoover, Jim worked with APA – The Engineered Wood Association as a Field Representative and administered their field inspection service. He has worked for a wood preservative supplier and the Southern Forest Products Association.

His technical knowledge as well as experience in the building codes, the uses of wood in construction and field inspections brings a unique perspective to his programs.

Jim is a member of the International Codes Council and the National Fire Protection Association.

Jim holds a B.S. in Wood Products Technology from The Ohio State University, Columbus, and an MBA from Xavier University, Cincinnati.

2014 Executive Board

President:

Jerry Koerkenmeier

City of O'Fallon

jkoerkenmeier@ofallon.org

Vice President:

Kevin Gatewood

Building Official & Inspector

City of Mt. Vernon

(618) 242-6830

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Treasurer:

Andrew Bevis

Residential & Commercial Inspector

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Secretary:

Glen Neal

Building Inspector

Village of Glen Carbon

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Immediate Past President:

Sharon Walter

Building Inspector

City of Highland

(618) 654-7115

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Trustees

Community Services Committee

Joe Craver, Chairperson

City of Greenville

jcraver@greenvilleillinois.com

Building Codes Committee

Don Voss, Chairperson

City of Breese

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Membership Committee

Jeffrey Soer, Chairperson

City of Jerseyville

jeffsoer@jerseyville-il.us

Education Committee

Jerry McNulty, Chairperson

City of O'Fallon

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151 N. Main Street, Glen Carbon, IL 62034

www.ceosi.org



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3-Hour Fire-Retardant Treated Wood Program

Sponsored by: Hoover Treated Wood Products

- I. Use of wood in the International Building Code
 - A. Introduction (4 minutes)
 1. Uses of wood in construction
 2. Development of I-codes
 3. Function of codes
 - B. Occupancies (6 minutes)
 1. Height and area limitations
 2. Determining occupancy: A, B, M, R
 3. Types of construction, I, II, III, IV, V
 - C. Types of construction (12 minutes)
 1. Definitions
 2. Fire rating of structural elements
 3. Fire rating of exterior walls
 - D. Allowable heights and areas (25 minutes)
 1. Tabular areas
 2. Area increases for open space
 3. Area increase for sprinklers
 4. Height increase for sprinklers
 5. Examples of increases
 6. Unlimited area buildings
 - E. Wood in noncombustible construction (7 minutes)
 1. Section 603
 2. Where, When, How?
 - F. Fire resistance (25 minutes)
 1. Tests
 2. Tabular
 3. Prescriptive
 4. Calculated
 5. Engineering analysis
 6. Alternative methods
 - G. Flame spread ratings (3 minutes)
 - H. Questions and answers (3 minutes)

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3-Hour Fire-Retardant Treated Wood Program (cont.)

- II. Fire-Retardant Treated Wood
 - A. Introduction (6 minutes)
 - 1. History of fire-retardant treatments
 - 2. Types of treatments
 - a. Interior high temperature
 - b. Exterior
 - 3. Demonstration of fire-retardant treated wood (FRTW) capabilities and characteristics
 - 4. Product uses
 - B. Building Code Requirements (45 minutes)
 - 1. Choice of building materials
 - 2. Uses of FRTW
 - 3. Testing, IBC Section 2303.2
 - a. ASTM Standards
 - b. Other building code testing
 - 4. Code Requirements
 - a. Labeling, IBC Section 1703
 - i. Obtaining a UL label
 - ii. Maintaining a UL label
 - b. Third-party inspections
 - C. Research and Recommendations (6 minutes)
 - 1. Effects of treatment
 - 2. Effects of high temperature; ASTM 5664, lumber; ASTM 5516, plywood
 - D. Code Compliance (4 minutes)
 - 1. Testing for end use
 - 2. Code Reports, ESR-1791
 - 3. Differences in FRTW and Coatings
 - E. Insurance Recognition (12 minutes)
 - 1. Building code heights and areas
 - 2. Rated same as noncombustible construction
 - 3. Comparisons and advantages
 - F. Recommendations (9 minutes)
 - 1. Storage and handling
 - 2. Ventilation
 - 3. Cutting and ripping
 - 4. Uses
 - G. Questions and Answers (3 minutes)

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