

May/June/July/August 1991

COLORADO CHAPTER

News



PRESIDENT'S MESSAGE

The Chapter is anticipating several rapidly approaching events which should prove entertaining and educational. The Chapter Golf Tournament will be held August 12, 1991 at Perry Park Country Club. Anyone who has not played in the tournament will find that Wally Prebis does an outstanding job of organizing this event. Perry Park is a beautiful setting for this tournament. Contact Wally at 238-5674 for more information and registration.

The Code Change Committee has submitted seven challenges to the action taken by the Code Development Committees during the Austin hearings. The Committee will meet again to review the Challenge Agenda shortly after it is available.

There have been two changes in the Program Committee Schedule. First, the August meeting will be held Friday and Saturday, August 16th-17th. This is a change from the traditional Thursday-Friday format. Second, the October 18th meeting will be a joint Denver-Commerce City meeting to be held in Commerce City. We plan to tour the new Denver Airport. Please make a note of these changes and plan to attend both meetings.

The ICBO ABM in Spokane, Washington is also approaching very rapidly. Those planning to attend need to submit registration materials by August 9th for reduced rates. The Chapter will again provide carnations for the First Timer's Banquet.

The Fire Marshal's Association of Colorado has recently formed a committee to review regulations regarding nursing homes, board and care homes and other residential care facilities. As a member of this committee, I will keep the Chapter informed on this issue. Anyone having comments may contact me or Dave Nuss of the West Adams County Fire Department at 452-9910.

Finally, thanks to Phil Reynolds, Pueblo Regional Building Department for the early appearance of the Chapter roster.

Sincerely,

Bob Foote



COLORADO CHAPTER MEETING

Gary Pringley, Summit County

Steve Thomas, Chief Building Official for the City of Glendale and meeting host, called the June 14th meeting to order at the City of Glendale Community Center. The group was welcomed to Glendale by Mayor Wheatley.

The education sessions began with a presentation by Don Lawson, Executive Director of SMACNA. Mr. Lawson discussed activities of the Governor's Construction Industry Advisory Council. That council is currently preparing a brochure which will provide a description of the construction industry in Colorado for mailing to members of the construction industry and people identified as major employers of industry services. The advisory Council is also exploring development and sponsorship for legislation on statewide licensing of contractors, specifically mechanical and electrical contractors. The proposal relative to electrical contractors would be an adjunct to the existing program for the emphasis is being placed on programs to assure quality in mechanical and electrical construction by including measures to help assure that these contractors understand installation requirements for HVAC and electrical systems.

The second presentation was by Patrick Higgins of P.J. Higgins and Associates, chairman of the ASME A112 Standards Committee. Mr. Higgins' presented an overview on the recently updated standards relating to low-consumption water closets. The term low-consumption relating to water closets is defined as those fixtures designed to use 1.6 or less gallons per flush. This latest standard updating effort produced two separate standards. The first of these standards is an updated "Vitreous China Plumbing Fixtures Standard, ASME A112.19.2M-1990," addressing performance tests for absorption, crazing, warpage, loading, insulated tanks and closet auger. The second is a new standard entitled "Hydraulic Requirements for Water Closets and Urinals, ASME A112.19.6-1990," addressing performance tests for removal

of solids, washing of flushing surface, removal of waste liquids, water consumption, removal of paper wastes, and drain line transport. These new and updated standards address all issues that have been raised over time relative to the low-consumption water closets.

The standards also address requirements for product marking. This will require water closets to include marking on the product and the carton with the manufacturer's name or trademark, ASME/ANSI standard number, water consumption, and model number (option) on the product.

The down side as it affects enforcement agencies is that these new standards are not referenced in the 1991 edition of the Uniform Plumbing Code. Jurisdictions may wish to consider incorporating references to the standards with their adoption of the new edition of the code. It is important to recognize that low-consumption water closets now make up approximately 25% of the products sold annually.

Bill Baldicini, City and County of Denver, briefly discussed a pilot program at Stapleton Airport to evaluate low-consumption water closets for specification in the new Denver airport. The study will use water closets in two men's restrooms and two women's restrooms, and employ a total of 20 water closets of various manufacturers and models.

The third presentation was by Tony Iozzo, President of Hunter Williams and Associates. Mr. Iozzo discussed venting requirements for new mid-efficiency and high-efficiency gas-fired appliances. This specifically related to the increased efficiency appliances that will be required by federal law for residential applications beginning January 1, 1992. Mid-efficiency appliances fall into the range of 78%-83% efficiency and high-efficiency appliances are greater than 90% efficiency.

The presentation included a video prepared by the Rheem Corporation on venting problems associated with these new appliances, particularly the corrosion problems in the non-condensing appliances. These potential corrosion problems will create new requirements for venting materials, including substituting Type B vent materials for single-wall vent connectors, and the use of new high-temperature plastics (SVS materials) as vent materials. These new appliances have also prompted GAMA (Gas Appliance Manufacturers' Association) to rewrite the gas vent sizing tables to recognize new gas appliance requirements and the use of fan-assisted venting systems. These new

tables are destined to replace those sizing tables in Appendix C of the Uniform Mechanical Code and are scheduled to be included in the 1992 edition of the National Fuel Gas Code, ANSI Z223.1/NFPA 54. Note, however, that these new tables do not appear in the 1991 edition of the UMC.

The new SVS material (special vent systems) use corrosion-resistant, high-temperature plastics. Vent systems using these materials require sealing all pipe joints with approved high-temperature sealants. These systems also specify installation criteria including maximum lengths, maximum number of elbows, minimum vertical rise before the first elbow, condensation drain tees, minimum clearances to combustibles. This minimum clearance is typically five inches, requiring an approved thimble at penetrations of combustible assemblies. Installation instructions should be carefully consulted as part of inspecting these installations.

The next presentation was by Steve Kotris with St. Anthony's Hospitals. Mr. Kotris discussed the myriad of design considerations and regulatory agencies involved in construction and operation of hospital facilities. These facilities go through reviews for compliance by the building department, fire department, county health department, state health department and federal health agencies; a total of 176 regulatory agencies. The bottom line is that compliance with building code requirements is the least of their problems and that, frankly, they look to the local building department's review as an aid to complying with the rest of the reviews which they will encounter.

The Colorado Chapter ICBO business meeting was convened next. Minutes of the meeting were taken by Dan Nickle, City of Lakewood and Chapter Secretary.

Following the business meeting, Avery Scott of SAFEGUARDS presented information on that company's product line of electronic window guards. This system provides for electromagnetic release of security grills placed over windows (particularly residential escape and rescue windows) with the activation of smoke detectors interconnected with the SAFEGUARDS circuit control panel. This system also provides for various overrides by persons in individual rooms and a security override when the building is not occupied and the automatic release is not necessary. Mr. Scott indicated that this system has been approved for use by the City of

Lakewood

Stu Acey of Acey and Associates spoke on cross connection control requirements and specifically UPC cross connection control changes in Chapter 10, Section 1003 in the 1991 edition of the Uniform Plumbing Code has been entirely rewritten to more clearly address cross connection control. There is also a new definition for a certified, backflow assembly tester. This relates certification to the "satisfaction of the Administrative Authority having jurisdiction." Mr. Acey made reference to an interpretation in Official, the magazine published by IAPMO, that identifies a fire sprinkler riser connection as high hazard, requiring a Reduced Pressure Backflow Preventer. Mr. Acey also clarified that a type of backflow preventer being installation in the water makeup lines of hot-water boilers, comprised of a dual check valve with an intermediate vent, is rated low hazard only. Installation of these devices should be limited to only residential uses with no chemicals in the hydronic system. In response to a question regarding heat exchangers and the requirement for backflow prevention. Mr. Acey offered that with double-walled heat exchanger tubing, no backflow preventer is required if the outer wall of the exchange tube opens to atmosphere.

MEET YOUR BOARD

Clinton H. Tawse has been a part of the building industry, in one way or another, for the past 24 years. In February, 1984, he moved to Pueblo and accepted a position as Plans Examiner. In 1987 he was appointed Assistant to the Building Official and in 1988 accepted the position of Building Official. His emphasis during the last three years has been on fine-tuning the Pueblo Regional Building Department. All inspection staff are at least dual-certified and there is a strong emphasis on continuing education. For the past five years he has taught classes at the local community college on "Understanding the Uniform Building Code," an experience from which he has learned as much as he's taught.

IDEAS

... OR ARTICLES FOR THE NEWLETTER?
PLEASE SUBMIT THEM TO THE EDITOR!

A N N O U N C I N G

...the establishment of the Sis Wallace Award. Sis was the wife of Beryl Wallace, Building Official of Englewood. Sis always attended the ICBO annual business meeting with Beryl -- they drove to the meetings together. The day before they left for the meeting, Sis would get fresh Colorado Carnations and on the way she would make bows from multi-colored ribbons. Upon arriving at the hotel, she would make corsages for all the "first-time" ladies. She would present the corsages at the door at the Sunday night banquet, with Beryl helping to pin them on.

Sis did this for so many years, it's become a tradition. The Colorado Chapter has informally continued the tradition since Sis' death, with help from the conference. The Awards Committee felt it would be a fitting memory to Sis to make this award "official" and the membership unanimously agreed at the June meeting.

The Colorado Chapter will provide carnation corsages to all first-time ladies at the ABM in memory of Sis Wallace. A note will be attached to the corsage, explaining the tradition. The Chapter will cover the expense and the Chapter ladies will prepare the corsages.

Any Chapter spouse who has shown a similar type of dedication and effort to the Colorado Chapter may be nominated to receive this award. You may submit your nominations to the Chairman of the Awards Committee, Marv Fischer.

STATE TO CONDUCT HEARINGS BEFORE ADOPTION OF 1991 UPC

From the State of Colorado, Examining Board of Plumbers

A public hearing will be held by the Examining Board of Plumbers on September 5, 1991 at 9:30AM to receive and hear all who have pertinent comments, information or arguments in regard to the proposed amended Rules and Regulations which include Rule 2.0 Standards; for the adoption of the 1991 editions of the Uniform Plumbing code and the Uniform Solar Energy Code, which will replace the presently adopted 1988 editions of these Codes.

Written views may be submitted at or before the public hearing on September 5th for consideration as part of the hearing. Individuals

wishing to express view orally at the hearing may request to do so before the day of the hearing or may sign up at the time of the hearing. Subsequent to this hearing, the amended Rules and Regulations are subject to modification prior to formal adoption, after public input and comments. The Rules and Regulations so adopted shall be effective 20 days after publication.

Information concerning the proposed Rules and Regulations may be obtained by contacting the Examining Board of Plumbers, 1390 Logan Street, Suite 400, Denver, CO 80203, 303-894-2319.

DID YOU KNOW THAT ...

of 30 Colorado jurisdictions surveyed ...

- ... 25 have jurisdictional contractor license requirements.
- ... only 19 require a contractors license.
- ... of those 19, 13 require a test.
- ... 15 do not require insurance.

1991 CALENDAR

AUGUST 12

Chapter Golf Tournament
Perry Park Country Club

AUGUST 14

RCSE Examination

AUGUST 16-17

Chapter Meeting, Grand County

SEPTEMBER 8-13

ICBO 69th Annual Conference
Spokane, Washington

SEPTEMBER 22-26

IAPMO Annual Meeting, Colorado Springs

OCTOBER 18

Chapter Meeting, Denver/Commerce City

OCTOBER 23

RCSE Examination

DECEMBER 12-13

Chapter ABM, Lakewood

PEOPLE ON THE MOVE...

DAVID NUSS, Fire Marshall for West Adams County, will be leaving his post to assume the position of Fire Marshall for the City of Eugene, Oregon. David has served West Adams County for the ten years, and has been the Fire Marshall there for the last three years. David became involved with the Colorado Chapter of ICBO five years ago and actively participated by presenting several programs at Chapter Meetings, teaching an overview course on the Uniform Fire Code at the Educational Institute for two years, and serving on the Code Development Committee and Disaster Mitigation Committee. Best of luck to Dave in his new position.

MARK MARCHUS has assumed the position of Community Development Director with the Town of Winter Park. He returns to Colorado after an eleven year absence during which he served as the Building Official for Jackson, Wyoming, the Director of Building Inspection Services for Prescott, Arizona, and most recently, was the Chief Building Inspector for Sonoma County California. Mark has been active in local chapters of ICBO during this time by serving as president of Arizona's Northern Chapter from 1986-1988. He has also served the public by teaching building code classes at local colleges in each of the areas mentioned above. Mark received his BA degree from Goldenwest College in 1972 and holds current ICBO certification in plans examination, electrical inspection, and building inspection, as well as CABO certification as a Building Official. The Colorado Chapter would like to extend a warm "welcome back" to Mark.

CHANGE OF SCHEDULE FOR AUGUST CHAPTER MEETING

Please mark your calendars now for the August Chapter meeting -- and note the change in schedule. The meeting was originally scheduled for Thursday and Friday, August 15-16. It was changed to a Friday through Saturday meeting, August 16-17, to allow for families to spend a long weekend together. This meeting promises to be educational, informative and fun.

- ▶ Friday afternoon we will tour the Louisiana Pacific Wafer Wood plant in Kremmling (bring your hard hat if you have one).
- ▶ Friday evening from 5-6:30PM we will tour Grand Lake by boat (bring a sweater; coolers, beer and soft drinks will be provided on-board). The remainder of the evening is yours to enjoy on your own.

The business meeting will conclude after lunch on Saturday, leaving plenty of weekend for golfing, fishing, hiking, etc.

Please contact SilverCreek Resort for reservations (1-800-526-0590). Room rates for 1-2 persons: \$38/night; studio: \$69/night; loft (sleeps 6): \$90.

AWARDS COMMITTEE ACCEPTING NOMINATIONS

The Beryl Wallace Award is presented, from time to time, to a member of the Colorado Chapter of ICBO whose continuing service and achievements have contributed significantly to the code development, education and dedication to the Chapter goals or to an individual whose work has firmly established an intensive direction toward the improvement of the Chapter.

This award does not have to be presented every year -- only when an outstanding candidate is nominated. If you have such a person in mind, please submit your nomination to: Marvin Fischer, Courthouse, Hot Sulphur Springs, CO 80451 by October 1st. Please include with your nomination the name, address, phone number, jurisdiction, years with the Chapter and class of membership for the nominated individual, as well as a description of how the individual meets the criteria set forth above.

Thank You!

Dan Nickle, Building Official - City of Lakewood, for the ICBO and Colorado Chapter logos on disk!

COLOrado
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COLORADO CHAPTER - AUGUST MEETING
SilverCreek Resort - Granby, Colorado
August 16th & 17th

SEE YOU THERE !!

