

**State of Oregon**

**OREGON STATE PLUMBING BOARD**

**Regular Meeting Minutes**

**December 17, 1999**

**MEMBERS PRESENT:** Lewis Seagraves, Chairman  
Judy Bauman - Arrived at 9:15 a.m.  
Ken Carlson  
Christopher Hughes  
Robert Kimes  
Henry McDonald  
Perry Shinn

**MEMBERS ABSENT:** None.

**STAFF PRESENT:** Terry Swisher, Chief Plumbing Inspector and Board Secretary  
Harold DePue, Assistant Chief Plumbing Inspector  
Louann Rahmig, Rules Coordinator  
Brad Morris, Chief Compliance Officer  
Roseanne Nelson, Compliance officer  
Marilyn Benton, Boards Coordinator/Recorder

**GUESTS PRESENT:** G. F. Scheuermann, City of Portland  
Larry Christensen, Fleming Products  
Lynn Henson, Washington County  
Gary Wright, Plumbers and Steamfitters Local 290  
Tony Spencer, Bureau of Labor and Industries/Apprenticeship  
and Training Division (BOLI/ATD)  
Patrick Higgins, P. J. Higgins & Assoc./EVAC  
Ron Murray, Plumbing and Steamfitters Local 290  
Rick Beko, Beko Welding  
Brett Cook, City of Boardman

**I BOARD BUSINESS**

**I.A Call to Order**

Chairman Seagraves called the State Plumbing Board to order at 9:00 a.m. The meeting was held at the Building Codes Division, 1535 Edgewater NW, Salem, Oregon.

**I.B Roll Call**

All members were present.

**I.C Approval of Agenda and Order of Business**

Chairman Seagraves **RULED** the agenda approved as mailed.

**I.D Approval of the October 15, 1999, Minutes**

Chairman Seagraves **RULED** the minutes approved as submitted.

**I.E Date of the Next Regularly Scheduled Meeting**

February 18, 2000

**II PUBLIC COMMENT**

No one indicated a desire to speak.

**III REPORTS**

**III. A Compliance Cases - Roseanne Nelson**

**Reconsideration**

- 1. Dick Cross dba San Dune Motel - Dismiss Default Order 1997-0366.00P issued by the board October 15, 1999, and close case.**

Division recommends the request for reconsideration of the \$500 civil penalty for violation of OAR 918-780-0010(1)(a) for making or arranging for the making of a plumbing installation without first obtaining a valid plumbing permit be approved.

Division recommends Default Order No. 1997-0366.00P finding Dick Cross violated ORS 918-780-0010(1)(a) be dismissed and the matter closed.

*(Witnesses say plumbing was performed, but a preponderance of evidence could not be established.)*

**MOTION** by Robert Kimes to adopt division's recommendations to reconsider and dismiss.

**MOTION CARRIED UNANIMOUSLY.**

Division recommends approval of the balance of compliance calendar recommendations.

**MOTION** by Robert Kimes to adopt division recommendation.

**MOTION CARRIED UNANIMOUSLY.**

**Unanimous Consent Calendar**

**Final Orders**

2. **Arvin Dougall dba AG Circles - Assessment of \$500 civil penalty following hearing for making an installation without a certificate of competency in Milton-Freewater, to be stayed for three years and discharged at the end of the three-year period if no further violations by Respondent.**
3. **Billy C. Hurst dba Ego Chasers Excavation & Construction - Assessment of \$500 civil penalty following hearing for engaging in the business of making installations without a business registration in Portland.**

**Default Orders**

4. **Scott D. Bird dba Apollo Drain Service - Assessment of \$1,000 civil penalty for employing an unlicensed individual to make an installation in Beaverton (fourth violation).**

*The first line on page one of the December 17, 1999, memorandum under "Respondent Response" should read: "The Respondent wrote to the Division stating Mr. ~~Donovan~~ Ogden was in charge of the job . . . ."*

5. **Donovan Ogden - Assessment of \$500 civil penalty for making an installation without a certificate of competency in Beaverton.**
6. **Milwaukie Heating and Cooling Co. - Assessment of \$500 civil penalty for engaging in the business of making an installation without a business registration in Milwaukie.**
7. **Don Byrne dba Byrne's Home Repair, Inc. - Assessment of \$500 civil penalty for making installations without a certificate of competency in Scappoose.**

8. **Lawrence D. Van Hoof dba Lawrence VanHoof Plumbing - Case 1999-0473.00P - Assessment of \$500 civil penalty for engaging in the business of making an installation without a business registration in North Bend.**

Ms. Nelson advised that Respondent has not reapplied for a business license, although he was given every opportunity.

9. **Lawrence D. VanHoof dba Lawrence VanHoof Plumbing - Case 1999-0472.00P - Assessment of \$500 civil penalty for engaging in the business of making an installation without a business registration in North Bend.**
10. **Anthony C. White - Assessment of \$1,000 civil penalties for engaging in the business of making an installation without a business registration or a certificate of competency.**

*Judy Bauman arrived at 9:15 a.m. and was present for the balance of the meeting.*

### **III. B Staff and Committee Reports:**

1. **Plumbing Rule Review Committee Report - Ken Carlson**

Mr. Carlson reported that the committee has completed the initial review and will meet January 4, 2000, to go over the draft. It is intended that the 2000 revised plumbing rules will be presented to the board at its February 18, 2000, meeting. for implementation of the new code April 1, 2000.

2. **One- and Two-Family Dwelling Code Adoption - Terry Swisher**

Inspector Swisher reported that the one- and two-family dwelling specialty code plumbing provisions have been presented to the Building Codes Structures Board, which has moved for adoption of the plumbing changes. Provisions were generally left unchanged from what was put forward by the Plumbing Board in meeting the dwelling requirements of the UPC, 1997 edition, with Oregon amendments. The focus has been to keep the code provisions for plumbing in both the Oregon Plumbing Specialty Code and the Oregon One and Two Family Dwelling Specialty Code. Adoption and publication are moving forward. Both specialty codes are expected to become effective April 1, 2000.

## **IV COMMUNICATIONS**

### **IV.A Cast Iron Soil Pipe Institute - Letter from Ira W. Schumer proposing a change in previous meeting minutes. (Information only - no action required.)**

Mr. Schumer requested that Mr. McDonald's motion on page 17 of the August 20, 1999, minutes be amended to read: "MOTION by Henry McDonald not to accept a product if it does not show the registered trademark ® or manufacturer's name."

*(The August 20, 1999, minutes were previously approved by the board.)*

### **IV.B Pacific Iron of America - Letter from J. R. Kingman regarding reference to plumbing product in previous meeting minutes. (Information only - no action required.)**

Mr. Kingman advises that Pacific Iron of America was incorrectly referenced in association with "JC Silent Running Pipe China UPC" in the August 20, 1999, minutes (page 12), and that neither Pacific Iron of America nor its parent company, J. R. Cousin International, Ltd., has any affiliation with the company supplying the product under the name "JC."

There was a misstatement by an individual at the August 1999 meeting about which product line was represented. The August 20, 1999, minutes have been approved by the board. Mr. Kingman's letter is of record for clarification.

## **V APPEALS - None.**

## **VI UNFINISHED BUSINESS**

### **VI.A EVAC Vacuum Condensate Collection Systems - Request for interpretive ruling to allow use of the EVAC System as an alternate method of condensate collection and disposal in supermarkets.**

*Information was provided at the last board meeting regarding installation of this product.*

EVAC Vacuum Condensate Collection Systems may be installed in Oregon supermarkets when installed in accordance with the April 1999 EVAC Vacuum Collection System Design Manual for Supermarkets and applicable provisions of the Oregon State Plumbing Specialty Code.

Division recommends approval of Interpretive Ruling 99-5 by the Building Codes Division Administrator for statewide use of the EVAC Vacuum Condensate Collection System.

Copies of Patrick Higgins' November 24, 1999, letter to Terry Swisher with the attached IAPMO Certificate of Listing for the EVAC system were distributed (Exhibit "A").

Appearing:

**Pat Higgins, P. J. Higgins & Associates**, was present to respond to board members' questions.

Perry Shinn inquired about distributors and installers for this system. **Mr. Higgins** advised that information, training and distribution of materials are provided from offices in Illinois. Sales representatives and distributors will be made available as demand requires. Systems will be installed properly. Contractors' installers will be trained by EVAC, and EVAC will make certain the contractors are certified. Bids will be based on training related to the installation. Typically, an engineer is sent to the installation site. Water pockets improve the vacuum capability of the system. Mr. Shinn emphasized that it is particularly important that the system be designed for the specific job/anticipated load.

Ken Carlson was invited to do a walk-through on an installation in the State of Washington. He feels the system will do what it is intended to do. He recommended three particular requirements: The system must be designed by an Oregon registered engineer, be installed by a licensed plumber through a registered plumbing contractor, and inspected by the local jurisdiction.

**Brett Cook, City of Boardman**, spoke in opposition to a product being listed to Interim Guide Criteria (IGC). He said an IGC is a temporary standard developed by IAPMO's standards committee and the proponent of the product so the product can be listed and marketed. An IGC is not a nationally-recognized standard. It is a proprietary standard driven by the proponent. An IGC is in effect for two years with the possibility of one extension at the discretion of the chairman of IAPMO's research committee. **Mr. Cook** does not want to set precedent. There is no guarantee that this standard will ever be developed into a nationally-recognized standard. After a two-year or maximum three-year period, an unlisted product may still be found installed in several Oregon locations; *i.e.*, the IGC "went away" but the product remains. **Mr. Cook** noted that the code states that all products are to be listed and labeled. He believes a product should be listed to a nationally-recognized standard before it is sold in Oregon.

Inspector Swisher explained that the action proposed has nothing to do with the IAPMO process and IGC, although that concept was presented by the proponent. At issue is an interpretive ruling under ORS 455.060 which allows the Administrator, with advice of this

board, to make rulings on alternate methods of plumbing not addressed in the Oregon State Plumbing Specialty Code. Mr. Cook is correct that there is no national standard for this product. Mr. Swisher advised that if this company proceeds to get a national standard, that standard would come back and be presented to this board for adoption in standards provisions of the code, and the listing process would apply. An interpretive ruling is an interim step. If the company does not obtain a national standard, or if there is a product failure or an installation question in the future, the interpretive ruling can be revisited at any time and may be rescinded.

The division can react quickly if there is a problem. An interpretive ruling gives uniform guidance throughout the state.

Perry Shinn asked if an interpretive ruling would be precedent-setting. Inspector Swisher advised that the State of Oregon publishes a collection of interpretive rulings which are intended to allow innovation. Alternate methods are needed to fill a niche. Catch basins are an example. The reality is there are many types of plumbing products for which there are no national standards.

Judy Bauman understands that the board is asked for approval of the concept of collecting grocery store refrigeration condensate by a vacuum method rather than a gravity method. Referring to "alternate methods and materials," she asked whether or not installation of appropriate parts and material within the approved fixture/system is required. She is concerned about giving one company approval when future repairs and maintenance may be made by various individuals/entities. Inspector Swisher advised that each manufacturer must obtain approval for its system. Mr. Carlson added that there are many "off-the-shelf" items used in the system and that 75% of the installation involves normal plumbing material. What is being approved is EVAC-specified equipment.

**Mr. Higgins** advised that the American Society of Mechanical Engineers (ASME) has a project team working on a standard for vacuum systems. A draft will be available for public review in mid-2000. At that time, all the competitors will be brought together to establish criteria using the IGC as a base document.

Chairman Seagraves emphasized that this system does not apply to drainage of plumbing fixtures or sinks.

**MOTION** by Ken Carlson to amend the proposed interpretive ruling by requiring that the installation must be (1) designed by an Oregon registered engineer, (2) installed by Oregon licensed plumbers through an Oregon registered plumbing contractor, (3) inspected by the plumbing inspector of the local jurisdiction; and (4) must not be used for sanitary drainage.

Henry McDonald asked about a review date if no listing is established. Inspector Swisher explained that the interpretive ruling itself is the approval, but that it can be revisited at any time. If the board later determines that the interpretive ruling should not remain in place, the board may recommend to the Administrator that it be rescinded. Mr. Carlson commented that large companies will change systems if they do not work.

**MOTION CARRIED UNANIMOUSLY.**

**Mr. Higgins** understands that the interpretive ruling is not site-specific.

Copies of the amended Interpretive Ruling No. 99-5 were distributed (Exhibit "B").

**VI.B Plumbing Product Approval Rescissions -**

Current rules allow acceptance of plumbing products by listing to a board-recognized manufacturing or performance standard and no longer require individual board review for approval. The following plumbing product manufacturers were notified that the board will revoke their previously granted product approvals.

Division recommends rescinding the following listed plumbing product approvals given by the board and requiring future approval through product certification to adopted standards under new product approval rules.

A. O. SMITH/NATIONAL  
3409 SW BOND STREET  
PORTLAND OR 97201

DAHLQUIST/RUSH SALES, INC.  
2832 NE RIVERSIDE WAY  
PO BOX 4625  
PORTLAND OR 97208

ISE  
407 SW 11TH  
PORTLAND OR 97205

RHEEM WATER HEATER DIVISION  
14300 ALONDRA BLVD.  
LA MIRADA CA 90638

ENGINEERED SALES, INC.

23928 74TH WEST  
EDMONDS WA 98020

BIEDERMAN INTERNATIONAL, INC.  
2941 W SHAW AVENUE, SUITE 121  
FRESNO CA 93711

AMERICAN APPLIANCE MFG. CO.  
1752 CLOVERFIELD BLVD  
SANTA MONICA CA 90404

ARDANCO, INC.  
103 RIDGEWOOD  
CONROE TX 77304

BGP SYSTEMS, INC.  
141 CALIFORNIA STREET  
NEWTON MA 02158

E. A. STARR, INC.  
1135 SE SALMON  
PORTLAND OR 97214

AIREFCO, INC.  
16490 SW 72ND  
PORTLAND OR 97223

AMANA REFRIGERATION, INC.  
BURTON F HAMMONS  
AMANA IOWA 52204

GLOWCORE CORP.  
PO BOX 360591  
CLEVELAND OH 44136

ROBERT BOSCH CORP.  
2800 S 25TH AVENUE  
BROADVIEW IL 60153

AQUA-TECH ENERGY SYSTEMS  
2745 19TH AVENUE SE  
SALEM OR 97302

HYDRONIX, INC.  
2425 SE OCHOCO STREET  
PORTLAND OR 97202

CANTHERM HEATING LTD.  
8089 TRANS CANADA HWY.  
VILLE ST LAURENT QUE H4S 1S4

CHRONOMITE LABORATORIES, INC.  
21011 S FIGUEROA  
CARSON CA 90745

CLIMATE MASTER  
PO BOX 25788  
OKLAHOMA CITY OK 73125

CONTROLLED ENERGY CORP.  
BOX 19, FIDDLERS GREEN  
WAITSFIELD VT 05673

MECHANICAL SALES, INC.  
PO BOX 3612  
521 S BRANDON ST.  
SEATTLE WA 98124

E-TECH, INC.  
3570 AMERICAN DRIVE  
ATLANTA GA 30341

DOUGLAS BETTEN  
765 S PACIFIC HWY. 49  
WOODBURN OR 97071

KOHLER CO.  
KOHLER WI 53044

KLAUS BAUMANN INT., INC.

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PO BOX 2082  
MICHIGAN CITY IN 46360

LAUNDALE INDUSTRIES, INC.  
PO BOX 1408  
821 NORTH RUSSELL  
AURORA IL 60507

OLSEN HUNTER PRODUCTS CO.  
3993 S KENTHORPE WAY  
WEST LINN OR 97068

MARBLE DESIGNS, INC.  
PO BOX 3786  
CENTRAL POINT OR 97502

MAGE, INC.  
1779 TRIBUTE ROAD #B  
SACRAMENTO CA 95815

OLIN BRASS  
EAST ALTON IL 62024

TOM-KAP-CO  
PO BOX 221012  
5963 TULANE ST.  
SAN DIEGO CA 92122-0950

UNITED ELCHEM INDUSTRIES, INC.  
11535 REEDER RD.  
DALLAS TX 75229

BEATON & CORBIN MFG. CO.  
328 NORTH MAIN STREET  
SOUTHINGTON CT 06489

HOUSE OF ALBI  
9878 SE KING WAY  
PORTLAND OR 97266

DITZLER MECHANICAL CONTRACTOR  
2626 THREE LAKES ROAD  
ALBANY OR 97321

CURRY/WIEBE SALES, INC.  
12200 N JANTZEN AVENUE #400  
PORTLAND OR 97217

PERFECTION CORPORATION  
222 LAKE STREET  
MADISON OH 44057-3189

IODON, INC.  
PO BOX 21  
DOLTON IL 60419

NATIONAL DIVERSIFIED SALES, INC.  
2550 AZURITE CIRCLE  
NEWBURY PARK CA 91320

REID PACIFIC CO.  
1104 NW 15TH  
PORTLAND OR 97209

CRATER SPAS & POOLS  
959 NE D STREET  
GRANTS PASS OR 97526

JACUZZI WHIRLPOOL BATH, INC.  
298 NORTH WIGET LANE  
PO DRAWER J  
WALNUT CREEK CA 94596

POOL TOWNE, INC.  
11495 SW CANYON RD.  
BEAVERTON OR 97008

LARSON-THOMAS WOODSTOVE  
411 HIGH STREET  
EUGENE OR 97401

ACCURATE METAL PRODUCTS  
8029 SW 17TH  
PORTLAND OR 97219

BENJAMIN MFG. CO., INC.  
15324 ILLINOIS AVENUE  
PARAMOUNT CA 90723

TOTO KIKI USA, INC.  
415 WEST TAFT AVENUE UNIT A  
ORANGE CA 92665

TRI-CITY MFG. CO.  
15702 S NEIBUR RD  
OREGON CITY OR 97045  
*Note: See Agenda Item VII.C*

J.G. BEARD CO.  
1841 NE COUCH STREET  
PO BOX 14518  
PORTLAND OR 97214

THUNDERBIRD PRODUCTS  
1150 N MARSHALL AVENUE  
EL CAJON CA 92020

U-BRAND CORPORATION  
CLARK STREET  
ASHLAND OH 44805

R & G SLOANE MFG., INC.  
7660 N CLYBOURNE AVENUE  
SUN VALLEY CA 91352

G. VAN ALST CO.  
4867 NE UNION AVENUE  
PORTLAND OR 97211

UNIVERSAL CAST IRON MANUF. CO.  
5404 TWEEDY PLACE  
SOUTH GATE CA 90280

WATERWAY CORP.  
2318 2ND AVENUE, #810  
SEATTLE WA 98121

PORTLAND DEVELOPMENT COM.  
1500 SW FIRST AVENUE  
PORTLAND OR 97201

MARK P COSTELLO  
PO BOX 64  
MANZANITA OR 97130

MARBLECRAFT, INC.  
1929 SE 10TH  
PORTLAND OR 97214

MARV'S FIBERGLASS & SUPPLY  
36761 GLASER DRIVE  
SCIO OR 97374

MATHESON FIBER-CANN, INC.  
501 32ND STREET  
WASHOUGAL WA 98671

MER-KOTE PRODUCTS, INC.  
501 S VAN NESS AVE  
TORRANCE CA 90501

RM FINCKLEA CO, INC.  
3607 SW CORBETT AVENUE  
PORTLAND OR 97201

MILES FIBERGLASS & PLASTICS  
1516 MAIN STREET  
OREGON CITY OR 97045

MOEN, GROUP OF STANADYNE, INC.  
377 WOODLAND AVE.  
ELYRIA OH 44036

MULTIPLEX CO, INC.  
250 OLD BALLWIN RD.  
BALLWREIN MO 63021

LOU FALKENHAGEN CO.

907 NORTHWEST IRVING  
PORTLAND OR 97209

NORTHWEST FIBERGLAS  
E. 4114 WELLESLEY  
SPOKANE WA 99207

NOVI AMERICAN, INC.  
40200 GRAND RIVER  
NOVI MI 48050

BRALEY-GRAY & ASSOC.  
PO BOX 17357  
PORTLAND OR 97217

OWENS-CORNING FIBERGLAS CORP.  
PO BOX 2718  
PORTLAND OR 97208

MURRY SMITH  
PO BOX 61471  
VANCOUVER WA 98666

PIPE MASTER, INC.  
PO BOX 2301  
LAKE OSWEGO OR 97035

THOMPSON ENTERPRISES  
19523 SW ALDERWOOD CT.  
ALOHA OR 97006

POP FLUSH, INC.  
6601 E MILL PLAIN BLVD.  
VANCOUVER WA 98661

PRICE PFISTER  
907 NW IRVING ST.  
PORTLAND OR 97209

PUMP JOHN MFG. INC.  
2901 BRADLEY ST.

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PO BOX 258  
OSHKOSH WI 54902-0258

QUALICRAFT MARBLE  
505 MAIN SE  
ALBANY OR 97321

RAPID-FIT ENTERPRISES, INC.  
6990 EAST SLAUSON AVENUE  
LOS ANGELES CA 90040

WESTERN STATES SALES, INC.  
PO BOX 17323  
PORTLAND OR 97217

RESIMER CORP.  
PO BOX 10083  
COLLEGE STATION TX 77840

ROYAL BATH SYSTEMS, INC.  
3339 PINEMONT  
HOUSTON TX 77018

ROGUE VALLEY MARBLE  
940 SE "M" STREET  
GRANTS PASS OR 97526

HOTWATER GENERATORS, INC.  
1325 SOUTH CREEK DR #800  
HOUSTON TX 77084

DAN BUTLER  
720 SW ANKENY ST.  
PORTLAND OR 97205

SHELBY REINFORCED PLASTICS  
PO BOX 2504  
PASO WA 99302

SILCRAFT CORP.  
528 HUGHES DRIVE  
TRAVERSE CITY MI 49684

SUNRISE PIPE & SUPPLY LTD.

554 N COLUMBIA BLVD  
PORTLAND OR 97217

SUNSET PRODUCTS, INC.  
5086 PARALLEL RD.  
PO BOX 287  
ANDERSON CA 96007

SWAN CORPORATION  
696 WILDCREEK CIRCLE  
THOUSAND OAKS CA 91360

TITON INDUSTRIES, INC.  
PO BOX 76940  
ATLANTA GA 30328

UNIVERSAL-RUNDLE  
1729 NE ARGYLE ST.  
PORTLAND OR 97211

VALLEY FIBREBATH LTD.  
R.R. 3, C-65, PALISADES  
ARMSTRONG BC VOE 1B0

VERMAX CORP.  
2855 SW TEMPLE  
SALT LAKE CITY UT 84115

VIANCO, INC.  
5213 BUCKHORN RD.  
ROSEBURG OR 97470

VITREO STEEL PRODUCTS  
3552 NE HANCOCK ST.  
PORTLAND OR 97212

BRALEY-GRAY & ASSOC.  
PO BOX 12649  
PORTLAND OR 97212

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8895 FORT HILL RD.  
WILLAMINA OR 97396

WESTERN POTTERY CO.  
11911 INDUSTRIAL AVE  
SOUTH GATE CA 90280

VIKING SAUNA CO.  
109 SE ALDER  
PORTLAND OR 97214

RICHARD WILLIAMS  
9725 NE SHAVER  
PORTLAND OR 97220

**MOTION** by Chris Hughes to adopt division recommendation.  
**MOTION CARRIED UNANIMOUSLY.**

**VI.C Fleming Products Company -  
Request for Interpretive Ruling for Lead Flashing Manufacturing.**

*This product approval revocation was tabled at the last board meeting until a recommendation from division staff was available.*

No recognized standards have been adopted for lead roof flashings, and the manufacturer requests continuation of the existing product approval. Lead flashings may be built on the job site and inspected to plumbing code provisions of Section 701.3.

Division recommends it be directed to draft rules exempting lead flashings from plumbing product approval.

**Larry Christensen, Fleming Products**, was present to respond to board members' questions. His family business has been making lead flashings for approximately 30 years. He advised that his company also makes flexible pitch flashings.

Mr. Swisher said that the product is manufactured in Tillamook, Oregon, and has been installed for some time without failure. The statute authority for exemption was put in place in 1991. When a product is exempt from the certification process, the inspector on the job site is authorized to determine that the lead is the proper weight and that it was soldered and installed pursuant to code provisions. There are extensive standards for the production of lead, lead ingots, pigs, etc., but not for flashings. Under the interpretive ruling process, every product falling into this category would have to come before the board.

**MOTION** by Henry McDonald to exempt flashings from product approval.  
**MOTION CARRIED UNANIMOUSLY.**

**VI.D 2000 Plumbing Code Adoption Recommendation - Board approval of the 2000 Oregon Plumbing Specialty Code adoption with amendments and errata.**

The 2000 Oregon Plumbing Specialty Code was adopted in February 1999. At that time, Oregon statutes required code changes be adopted the same year in which they became effective. Because of new legislation, it is necessary to approve the code change under the new statute provisions. Implementation will be April 1, 2000.

Division recommends approving adoption of the 2000 Oregon Plumbing Specialty Code with editorial errata, deletion of Section 815.0, and addition of ANSI A118.10-93 to Table 14-1.

Mr. Carlson was in favor of the recommendation. Mr. McDonald said condensate plumbing is plumbing, but installation has traditionally been considered mechanical. This issue should be revisited in the future.

**MOTION** by Henry McDonald to adopt division recommendation.  
**MOTION CARRIED UNANIMOUSLY.**

**VII NEW BUSINESS**

**VII.A Biological Mediation Systems (BMS) Evaporative Vault System - Request by Oregon Parks and Recreation Department for site-specific approval to test an alternate plumbing system at Smith Rock State Park.**

The system is used for human waste disposal through evaporation and dehydration which reduces wastes to a stable compost end product. Evaporation is increased through injection of a water mist and continual air flow by a fan. The water supply is provided by a 55-gallon container and no exterior potable water is connected to the system. Annual removal/testing/disposal of end waste products is required.

Division recommends allowing a site-specific use of BMS Evaporative Vault System for Smith Rock State Park with approval of the Oregon Department of Environmental Quality.

Copies of a November 30, 1999, letter with attachments from Alex Rachak, BMS President, were distributed (marked "late submission").

Chairman Seagraves emphasized that the approval for this alternate system is site-specific.

**MOTION** by Chris Hughes to approve division recommendation for site-specific use.  
**MOTION CARRIED UNANIMOUSLY.**

## **VII.B Catchbasin Standards -**

Plumbing product manufacturing and performance standards for catchbasins have not been adopted in the plumbing code. Several catchbasins have been approved based on board review to plumbing code provisions. Staff requests consideration by the board of exemptions or adoption of manufacturing standards.

*(Division originally recommended it be directed to draft rules to exempt catchbasins from plumbing product approval.)*

Inspector Swisher explained that the problem with catch basins, as well as some other products, is that no national standard has been accepted by this board. There is a national standard for catch basins for municipalities, which are much smaller in dimension and do not require the trapping that the Oregon State Plumbing Specialty Code requires. To adopt those standards, it would be necessary to lessen the Oregon code standard, which Mr. Swisher does not recommend. He indicated that, if the board prefers an interpretive ruling, he would prepare and bring back the entire file of interpretive rulings dealing with catch basins and maintain it as a permanent record.

Mr. Carlson, speaking from an inspector's standpoint, does not feel approval should be left to an individual inspector. An interpretive ruling is preferred. He is particularly concerned about steel welded catch basins. Also, there are companies making concrete catch basins, and he believes they should be included in the interpretive rulings for inspectors' verification.

Judy Bauman observed that storm water retention is a big issue of which catch basins are an integral part.

Chairman Seagraves, from an engineering standpoint, prefers an interpretive ruling.

**Division recommendation after discussion:** The division recommends that the board request staff to review the file and bring before the board proposed interpretive rulings for all outstanding catch basin product approvals that are not presently interpretive rulings.

**MOTION** by Robert Kimes to approve division recommendation .  
**MOTION CARRIED UNANIMOUSLY.**

**VII.C Tri-City Manufacturing Company -  
Request for alternate method of approval for products without manufacturing  
standards.**

Existing product approval is being considered for revocation, and no product standard has been adopted for "J" hooks and nailing protective plates manufactured by Tri-City Manufacturing Company.

Division recommends staff be directed to draft rules to exempt "J" type pipe hooks and nail plates from plumbing product approval.

**MOTION** by Henry McDonald to adopt division recommendation.  
**MOTION CARRIED UNANIMOUSLY.**

**III.D Board Appoint a Task Force to Develop Rules for Medical Gas.**

Inspector Swisher suggested that the Medical Gas Task Force meetings be held before/after the regular Plumbing Rule Review Committee meetings to save travel and notification time. The next meeting is January 4, 2000.

Subcommittees are not considered public meetings, and public notice is not required. The task force will make its recommendations to the committee.

Chairman Seagraves appointed the following persons to the task force:

**Jason Cohen, MCEI, Chair**  
American Society of Plumbing Engineers

**Christine Moles**  
Oregon State Health Division

**Richard Smith or George Cruzor (Roger Severson - retiring)**  
Office of State Fire Marshal

**Tony Senna**  
Senior Plumbing Inspector, Clackamas County

**Tony Haber**  
Mercy Medical Center

**Jay Winchester**  
Building Official, Washington County

**Bob Kimes**  
Plumbing Board Member

**Doug Currie**  
Heinz Mechanical (Contractor)

Mr. McDonald said a group of mechanical inspectors feel that a mechanical inspector should be on the committee. Inspector Swisher said he has received several calls on this issue, which involves defining "plumbing work."

## **VIII ANNOUNCEMENTS**

The State of Oregon 2000 Plumbing Specialty Code Amendments were distributed (Exhibit "C").

The next Department of Administrative Services orientation for new board and commission members will be March 14, 2000 (one-half day). Interested board members are to contact the Boards Coordinator.

## **IX ADJOURNMENT**

Chairman Seagraves adjourned the meeting at 11:00 a.m.

Respectfully submitted,

Marilyn Benton  
Boards Coordinator/Recorder

*Exhibits:*

- A. Higgins' 11-24-99 letter re IAMPO listing certificate for EVAC system (Agenda VI.A)
- B. Copy of amended Interpretive Ruling No. 99-5 (Agenda VI.A)
- C. State of Oregon 2000 Plumbing Specialty Code Amendments (Agenda VIII)