

DIVISION OF BUILDING SAFETY

IDAHO PLUMBING BOARD  
VIDEOCONFERENCE MEETING

JULY 23, 2014



# IDAHO PLUMBING BOARD

## Agenda Item No. 01

## Agenda

**PRESENTER:** Milford Terrell, Chairman

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**OBJECTIVE:** Approve agenda for the July 23, 2014 Idaho Plumbing Board meeting.

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**ACTION:** Consent

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**BACKGROUND:**

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**PROCEDURAL  
HISTORY:**

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**ATTACHMENTS:** Tentative agenda

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## **TENTATIVE AGENDA**

### **NOTICE OF PUBLIC MEETING/HEARING**

#### **IDAHO PLUMBING BOARD VIDEOCONFERENCE MEETING**

**Division of Building Safety  
1090 East Watertower Street, Suite 150, Meridian, Idaho  
1250 Ironwood Drive, Suite 220, Coeur d'Alene, Idaho  
2055 Garrett Way, Building 1, Suite 4, Pocatello, Idaho  
dbs.idaho.gov – (208) 332-7137**

***Wednesday, July 23, 2014  
9:30 a.m. – 3:30 p.m. (MT)***

*(Note: North Idaho - Meeting Commences @ 8:30 a.m. PT)*

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- 9:30 a.m. CALL TO ORDER** – Milford Terrell, Chairman
- Roll Call & Introductions
  - Open Forum
    - City and County Concerns

#### **CONSENT AGENDA**

1. Approval of the July 23, 2014 Agenda
2. Approval of the May 22, 2014 Board Meeting Minutes

#### **ACTION AGENDA**

3. Administrative Appeals Hearing – John Nielsen
  - a. Preston Prawitz – NOV PLB1406-0014
4. Idaho Statute 54-2608 *Revocation of Certificates of Competency -- Suspension -- Refusal to Renew* – John Nielsen

#### **PUBLIC HEARING/ACTION AGENDA**

5. Adding PP and PE-RT AND Polyethylene for Building Sewer Pipe and Fittings – John Nielsen (SECOND READING)
6. Expired License and Retest – John Nielsen (SECOND READING)
7. Mixing Valves – John Nielsen (SECOND READING)
8. Water Heater Strapping – John Nielsen (SECOND READING)

9. Shower Pans – John Nielsen (SECOND READING)

10. License Requirements – John Nielsen

**12:00 p.m. LUNCH BREAK**

**INFORMATIONAL AGENDA**

11. Administrator Report

a. Financial Report – C. Kelly Pearce and Kathleen Watkins

b. Administrator – C. Kelly Pearce

12. Tuff Form – Neal Dykeman, NDS Company, LLC

13. Sewer and Water Permit Fees – Debbie Oberhofer (FIRST READING)

14. Unlicensed Employee – John Nielsen

15. CWI Online Specialty Appliance Course – John Nielsen

16. Farm Buildings and Exemptions – John Nielsen

17. Plumbing Program Manager Report – John Nielsen

a. Testing – Caria Nakano-Jensen

18. Operational Report – Steve Keys

**3:30 p.m. ADJOURN**

*All times, other than beginning, are approximate and are scheduled according to Mountain Time (MT), unless otherwise noted. Agenda items may shift depending on Board preference. 07/08/2014r*

# IDAHO PLUMBING BOARD

**Agenda Item No. 02**

**Minutes**

**PRESENTER:** Milford Terrell, Chairman

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**OBJECTIVE:** Approve minutes from the May 22, 2014 Idaho Plumbing Board meeting.

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**ACTION:** Consent

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**BACKGROUND:**

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**PROCEDURAL  
HISTORY:**

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**ATTACHMENTS:** Draft minutes

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**IDAHO PLUMBING BOARD  
VIDEOCONFERENCE MEETING**

**Thursday – May 22, 2014 – 9:30 a.m. (MT)**

**Division of Building Safety  
1090 East Watertower Street, Suite 150, Meridian, Idaho  
1250 Ironwood Drive, Suite 220, Coeur d'Alene, Idaho  
2055 Garrett Way, Building 1, Suite 4, Pocatello, Idaho**

**\*DRAFT MINUTES OF THE MAY 22, 2014 MEETING**

*NOTE: The following report is not a verbatim transcript of the discussions at the meeting, but is intended to record the significant features of those discussions.*

Chairman Milford Terrell called the meeting to order at 9:32 a.m. (MT).

**Board Members Present:**

Milford Terrell, Chairman  
Dan Long, Vice-Chairman  
Gilbert Pond  
Matt Gardner  
Debbie Oberhofer

**DBS Staff Members Present:**

C. Kelly Pearce, Administrator  
Steve Keys, Deputy Administrator, Operations  
Ron Whitney, Deputy Administrator, Administration  
Patrick Grace, Deputy Attorney General  
John Nielsen, Plumbing Program Manager  
Terry Blessing, Regional Manager, Region 1  
Chris Jensen, Regional Manager, Region 3  
Adam Bowcutt, Regional Supervisor, Region 3  
Kathleen Watkins, Financial Manager  
Bill Hatch, Public Information Officer  
Renee Bryant, Administrative Assistant 2/Board Secretary

◆ **Acknowledgement**

Chairman Terrell, an icon in the plumbing industry, was recognized for his 30 years of service on the Plumbing Board with a commemorative plaque and Industry Builder award.

◆ **Open Forum**

City and County Concerns – No items or concerns were brought forth.

◆ **Approval of May 22, 2014 Agenda**

MOTION: Gilbert Pond made a motion to approve the agenda as presented. Dan Long seconded. All in favor, motion carried.

◆ **Approval of February 20, 2014 Minutes**

MOTION: Dan Long made a motion to approve the minutes as written. Debbie Oberhofer seconded. All in favor, motion carried.

◆ **Administrative Appeals Hearing**

Donald R. Beevers – NOV PLB1403-0001 – Donald Beevers represented himself, Plumbing Program Manager John Nielsen represented DBS, and Deputy Attorney General Patrick Grace was the facilitator. All parties provided testimony and argument on NOV PLB1403-0001, violation of

IDAPA 07.02.07.011.02 “Certification or Registration”. Mr. Beevers was found guilty of the violation and the penalty fee was increased to \$200; maximum amount for first time offenders.

**MOTION:** Matt Gardner made a motion to raise Mr. Beevers’ fine to \$200. Dan Long seconded. All in favor, motion carried.

**ACTION:** The Deputy Attorney General will create a Final Order for the Chairman’s signature and provide a signed copy to Donald Beevers.

During testimony, Mr. Beevers stated his current employer of the past five years is Integrity Plumbing.

**MOTION:** Debbie Oberhofer made a motion for Integrity Plumbing to appear before the Board to explain why an individual under its employ has been working without an Idaho license for the past five years. Dan Long seconded. All in favor, motion carried.

**ACTION:** The topic *Unlicensed Employee* will be placed on the July agenda as an informational item.

**ACTION:** The Division will invite Integrity Plumbing to speak on the topic *Unlicensed Employee* at the July 23rd meeting.

◆ **Continuing Education and Business Courses**

In 2013, the topic *Business* was included in the list of approved continuing education unit (CEU) courses. Upon further review, it was determined the subject is too broad and isn’t industry-related. The Board was asked vote to place the topic *Business* back on the list of non-approved CEU courses.

**MOTION:** Matt Gardner made a motion to add “Business” to the list of courses not considered for continued education. Gilbert Pond seconded. All in favor, motion carried.

Specialty Licenses and Training

Ken Worst, R C Worst Company, stated to obtain a journeyman appliance plumbing specialty license or journeyman water pump plumbing specialty license, an individual must complete approved training classes. Currently, there are no such courses available in northern Idaho.

This topic was further discussed under the *Plumbing Program Manager Report*.

◆ **American Water Works Association (AWWA) Manual**

The 7th edition of the *Cross Connection Control Manual*, published by AWWA, was updated in April 2012 and is the only available publication. A proposal was presented to update IDAPA 07.02.05.012 *Cross Connection Control Manual* to the current amendment.

At the Chairman’s direction, DBS will provide copies of the newly published manual to the Board and Division’s Coeur d’Alene and Pocatello offices.

**MOTION:** Gilbert Pond made a motion to accept the proposal; updating the rule with the Cross Connection Control Manual’s 7th edition. Matt Gardner seconded. All in favor, motion carried.

**ACTION:** DBS will purchase and distribute the latest edition of the Cross Connection Control Manual to the Board and DBS offices upon approval by the 2015 legislature.

◆ **IAPMO**

G. F. (Jed) Scheuermann, Field Manager Region 12 for the International Association of Plumbing and Mechanical Officials (IAPMO), introduced himself. Mr. Scheuermann took over Pete Crow's position upon his retirement in December 2013.

◆ **Adding PP & PE-RT AND Polyethylene for Building Sewer Pipe & Fittings (Public Hearing – First Reading)**

The verbiage "160 psi minimum" was added to the third paragraph of item 12, section 606 *Joints and Connections*.

As part of the negotiated rulemaking process, the topic *PP & PE-RT AND Polyethylene for Building Sewer Pipe & Fittings* will be placed on the July meeting agenda as a second reading/final action.

**ACTION:** The topic *PP & PE-RT AND Polyethylene for Building Sewer Pipe & Fittings* will be placed on the July agenda as an action item and second public hearing.

◆ **Expired License and Retest (Public Hearing – First Reading)**

The following items have been added to the proposed statute change, Idaho Code § 54-2637: 1) All continuing education requirements shall apply while license is inactive, and 2) Upon the death of a contractor, a temporary contractor license shall be valid for 90 days from date of issue and may be renewed one time upon written request.

As part of the negotiated rulemaking process, the topic *Expired License and Retest* will be placed on the July meeting agenda as a second reading/final action.

**ACTION:** The topic *Expired License and Retest* will be placed on the July agenda as an action item and second public hearing.

◆ **Mixing Valves (Public Hearing – First Reading)**

Board Member Oberhofer expressed possible conflict of interest and refrained from discussion.

In 2005, per IDAPA rule, section 421.0 "Elimination of Hot Water in Bathtubs and Whirlpool Bathtubs" in the 2003 Uniform Plumbing Code (UPC) was deleted. When the new Idaho State Plumbing Code (ISPC) was created in 2009, the renumbered section, 414.5, was inadvertently left in the code.

The Board was asked to decide whether ISPC section 414.5 should be enforced, deleted or modified; adding the ruling to IDAPA 07.02.06.011.07.

**MOTION:** Matt Gardner made a motion to add in IDAPA 07.02.06.011.07 the deletion of ISPC section 414.5 "Elimination of Hot Water in Bathtubs and Whirlpool Bathtubs". Gilbert Pond seconded. Three ayes, one nay, and one abstained, motion carried.



As part of the negotiated rulemaking process, the topic *Mixing Valves* will be placed on the July meeting agenda as a second reading/final action.

**ACTION:** The topic *Mixing Valves* will be placed on the July agenda as an action item and second public hearing.

◆ **Water Heater Strapping (Public Hearing – First Reading)**

Water heater earthquake strapping has always been required in code; however, not enforced. The Board was asked to enforce, delete or modify section 508.2 of the ISPC. Board member Pond recommended a water heater be strapped if installed on a second floor.

**MOTION:** Gilbert Pond made a motion to leave section 508.2 in code with the exception. Dan Long seconded.

Board Members Pond and Long withdrew their motions respectively.

**ALTERNATE MOTION:** Matt Gardner made an alternate motion to delete section 508.2 from ISPC. Debbie Oberhofer seconded. Four ayes and one nay, motion carried.

As part of the negotiated rulemaking process, the topic *Water Heater Strapping* will be placed on the July meeting agenda as a second reading/final action.

**ACTION:** The topic *Water Heater Strapping* will be placed on the July agenda as an action item and second public hearing.

◆ **Sewer and Water Permit Fees (Public Hearing – First Reading)**

Currently, the permit fee for a sewer line and water line is \$38 each. The minimum fee for every other permit is \$65.

Board Member Oberhofer proposed IDAPA 07.02.03.12.b be changed to reflect \$65 for a sewer permit, \$65 for a water permit, and \$65 for both IF paid on the same permit, installed by one contractor, and inspected at the same time.

**MOTION:** Gilbert Pond made a motion to move forward with the rewording of IDAPA 07.02.03.12.b *Sewer and Water Permit Fees*; bringing the topic back to the July meeting as a first reading. Dan Long seconded. All in favor, motion carried.

**ACTION:** The topic *Sewer and Water Permit Fees* will be placed on the July agenda as an informational item and first reading.

◆ **Shower Pans (Public Hearing – First Reading)**

Testing of shower receptors has always been required in code; however, not enforced. The big contention is plumbers install the floor drains then tilers complete the job. The Board was asked to enforce or delete ISPC section 411.8.1.

As part of the negotiated rulemaking process, the topic *Shower Pans* will be placed on the July meeting agenda as a second reading/final action.

**MOTION:** Matt Gardner made a motion to delete section 411.8.1 *Tests for Shower Receptors* from the ISPC. Milford Terrell seconded. All in favor, motion carried.

**ACTION:** The topic *Shower Pans* will be placed on the July agenda as an action item and second public hearing.

◆ **Reciprocity with Utah**

Utah is under the International Plumbing Code and Idaho is under the UPC. With both states using two different codes, Utah would continue to require Idaho residents to take the journeyman exam; however, would waive the practical exam.

At the May meeting, Board Member Pond offered to contact his brothers who are active plumbers in Utah and ask their viewpoint on this issue. Both brothers have noticed the quality of plumbing installations have gone down over the last ten years due to less stringent restrictions.

As a point of clarification, tab 12 in the board packet under “Background”, Idaho is under the Uniform Plumbing Code, not Universal Plumbing Code.

The Board unanimously agreed no further action was required at this time.

◆ **Contractor Licenses and Bonds**

Historically, DBS would place a contractor’s license on an inactive status when the required insurance or bond certificates were not current. This precluded a contractor from taking out permits, scheduling inspections, etc.

From an administrative level, determined through statute, DBS does not have the authority to immobilize a contractor’s license. The Division curtailed the procedure; consequently ending up with a large number of contractors working with expired insurance and/or bond certificates.

The current TRAK-iT system allows a contractor’s license to be placed on hold. The contractor has the ability to call for inspections on active permits; however, is not able to purchase new permits.

◆ **License Requirements**

In an attempt to clean up the rule on licensure, a handout on the requirements for plumbing journeyman and contractor applicants was distributed. Changes would be made under the following licensure types: 1) Applicants who have worked as apprentices and journeymen in Idaho; 2) Applicants who have performed work out-of-state in a licensed jurisdiction; and, 3) Applicants who have performed work out-of-state in a non-licensed jurisdiction.

At the July meeting, the Plumbing Program Manager will provide, in rule form, the changes addressed at today’s meeting.

**ACTION:** The topic *License Requirements* will be placed on the July agenda as an action item.

◆ **Permit Screen – Demonstration**

On July 1, 2014, the online permitting and inspection scheduling features of the Division’s website will undergo a dramatic change with an all new customer interface. DBS IT Resource Manager demonstrated the future e-TRAKiT program. Currently, 72% of permits are purchased online.

◆ **Plumbing Program Manager Report**

Technical Committee Meeting – In April, the Plumbing Program Manager attended IAPMO’s 2014 Technical Committee Meeting in Las Vegas, Nevada, to discuss possible changes to the 2015 UPC.

Specialty Appliance Classes – The College of Western Idaho has an online specialty appliance course ready to go live. Anyone with an internet connection will be able to take this course.

The Board agreed for the Plumbing Program Manager to review the online program; reporting his findings at the July meeting.

**ACTION:** The Plumbing Program Manager will review CWI’s online specialty appliance program and report his findings at the July meeting.

**ACTION:** The topic *Specialty Appliance Classes* will be placed on the July agenda as an informational item.

Testing – As of today, there have been 36 individuals who have taken the Division’s new plumbing license exams. Testing is available, Monday through Friday, at any of the Division’s three office locations; Coeur d’Alene, Meridian or Pocatello.

Chairman Terrell requested a written report be included in all future board packets, and the topic *Testing* be addressed at all regularly scheduled Plumbing Board meetings.

**ACTION:** Beginning with the July 2014 meeting, the topic *Testing* will be addressed at all regularly scheduled board meetings under the *Program Manager Report*, and a written report will be included in the board packets.

◆ **Operational Report**

Legislation – The Deputy Administrator of Operations is working with the HVAC Board to draft legislation on the existing HVAC statute, Title 54 Chapter 50. The fundamental changes would be: 1) Change verbiage *heating, ventilation and air conditioning* to *mechanical*, 2) Establish a category for mechanical residential journeyman (2 year license), and 3) Board would have the ability to assess civil penalties.

Farm Buildings and Exemptions – The question was posed why farmers and farm buildings are exempt from all the rules with regard to permits, separation, safety issues, etc.

The Chairman requested DBS research the topic *Farm Buildings and Exemptions*; bringing further information to the July meeting.

**ACTION:** The topic *Farm Buildings and Exemptions* will be placed on the July agenda as an informational item.

◆ **Administrator Report**

The Chairman requested the topic *Administrator Report* be placed on future agendas as one of the first informational items.

**ACTION:** Beginning with the July 2014 board meeting, the topic *Administrator Report* will be placed as the first informational item on future agendas.

Financial Report – The Idaho Plumbing Board Fund, FY 2014 financial statement as of April 30, 2014, was reviewed.

Expenses – Due to the rise of personnel costs, the Plumbing Program will pay 18% of the Division’s expenses beginning FY 2015.

Compliance Officer – To hire an individual as a statewide compliance officer, the estimated cost (salary/benefits, vehicle/maintenance, and operating costs) would be approximately \$90,000 a year.

The Division’s eastern Idaho regional manager explained how his region accommodates outreach and compliance. A verification permit has been created for inspectors to use on issues other than inspections and ongoing permits. All DBS inspectors are compliance officers.

Accelerate Idaho – Accelerate Idaho is the Governor’s new strategic plan to grow the state's economy and expand career opportunities for Idaho citizens.

Rapid Response Team – In an effort to expand career opportunities for Idaho citizens, the Governor has named an interagency rapid response team responsible for collaborating quickly and efficiently when businesses are interested in launching, growing or relocating in Idaho. The team is led by the Idaho Department of Commerce.

◆ **New/Old Business**

Election of Officers – The election of officers will be held at the end of the October 9, 2014 Board meeting.

**ACTION:** For the October 9, 2014 Plumbing Board meeting agenda, the topic *Election of Officers* will be the last topic on the agenda as an action item.

◆ **Adjournment**

Chairman Terrell adjourned the meeting at 2:50 p.m. (MT).

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MILFORD TERRELL, CHAIRMAN  
IDAHO PLUMBING BOARD

\_\_\_\_\_  
C. KELLY PEARCE, ADMINISTRATOR  
DIVISION OF BUILDING SAFETY

\_\_\_\_\_  
DATE

\_\_\_\_\_  
DATE

\*These DRAFT minutes are subject to possible correction and final approval by the Idaho Plumbing Board. 06/23/14rb

# IDAHO PLUMBING BOARD

**Agenda Item No. 03a** Preston Prawitz – NOV PLB1406-0014

**PRESENTER:** John Nielsen, Plumbing Program Manager

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**OBJECTIVE:** Administer a ruling on Preston Prawitz’s Appeal – NOV PLB1406-0014

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**ACTION:** Affirm, reject, decrease or increase the imposed penalties.

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**BACKGROUND:** The Notice of Violation (NOV) was issued based upon a proposed violation to IDAPA 07.02.07.011.01 “Plumbing Contractor”.

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**PROCEDURAL HISTORY:**

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**ATTACHMENTS:** Documentation from Mr. Prawitz and DBS

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# IDAHO PLUMBING BOARD

## Agenda Item No. 04 Idaho Statute 54-2608 – Revocation of Certificates of Competency -- Suspension -- Refusal to Renew

**PRESENTER:** John Nielsen, Plumbing Program Manager

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**OBJECTIVE:** Allow the Plumbing Board to suspend or refuse to renew a certificate of competency.

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**ACTION:** Vote to accept or reject the proposal.

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**BACKGROUND:** The proposal would give the Plumbing Board the authority to suspend or refuse to renew a certificate of competency upon the recommendation of the Administrator.

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**PROCEDURAL HISTORY:**

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**ATTACHMENTS:** Proposed code change

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The ~~administrator of the division of building safety~~ Plumbing Board shall have on the recommendation of the ~~board~~ Administrator the power to revoke, suspend or refuse to issue a renewal of any certificate of competency if the same was obtained through error or fraud, or if the holder thereof is shown to be grossly incompetent or has ~~a second time~~ violated any of the rules pre-scribed by the board, or as prescribed by this act. Before the ~~administrator~~ Plumbing Board shall refuse to grant a renewal of said certificate to any applicant or shall revoke or suspend any certificate previously granted, ~~he~~ the board shall provide the applicant an opportunity to appear ~~held at~~ a hearing giving such applicant or holder of said certificate fifteen (15) days written notice of ~~his~~ its intended action by registered mail directed to the applicant or holder at the address given on said certificate or in the application for said certificate, stating generally the basis for ~~his~~ its intended action; and the applicant or holder of said certificate shall have the opportunity to produce testimony in his own behalf at a time and place specified in said notice. The proceedings shall be governed by the provisions of chapter 52, title 67, Idaho Code. If the ~~administrator~~ Plumbing Board, after the hearing, shall refuse to grant a renewal of said certificate or shall suspend or revoke any certificate previously granted, said applicant or holder of a certificate may seek judicial review of the ~~administrator's~~ Plumbing Board's final order in accordance with the provisions of chapter 52, title 67, Idaho Code. Any person whose certificate has been revoked may, after the expiration of one (1) year from the date of revocation, but not before, apply for a new certificate of competency.

# IDAHO PLUMBING BOARD

## Agenda Item No. 05 Adding PP and PE-RT AND Polyethylene for Building Sewer Pipe and Fittings (SECOND READING)

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**PRESENTER:** John Nielsen, Plumbing Program Manager

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**OBJECTIVE:** Approve Polypropylene (PP) and Polyethylene of Raised Temperature (PE-RT) for use in building supply and water distribution piping and Polyethylene (PE) for building sewer piping.

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**ACTION:** Vote to accept or reject the proposal.

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**BACKGROUND:** Polypropylene (PP) and Polyethylene of Raised Temperature (PE-RT) are listed for use in the 2012 Uniform Plumbing Code (UPC), table 604.1, for building supply pipe and fittings and water distribution pipe and fittings.

Polyethylene (PE) is approved to be used for building drains in table 701.1 of the 2012 UPC.

These changes would update tables 6-4 and 7-1 in the Idaho State Plumbing Code; giving contractors and engineers more options when designing and installing water and drainage systems.

The first public hearing was February 20, 2014 Board meeting; however, the negotiated rulemaking process did not begin until sine die of the 2014 legislature.

May 2014 – The verbiage “160 psi minimum” was added to the third paragraph of item 12, section 606 *Joints and Connections*.

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**ATTACHMENTS:** Proposed rule – IDAPA 07.02.06

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**DAPA 07  
TITLE 02  
CHAPTER 06**

**07.02.06 - RULES CONCERNING IDAHO STATE PLUMBING CODE**

**000. LEGAL AUTHORITY.**

In accordance with Section 54-2605(1), Idaho Code, the Idaho Plumbing Board shall make, promulgate, and publish such rules as may be necessary for carrying out the provisions of this act in order to effectuate the purposes thereof and for the orderly and efficient administration thereof, and except as may be limited or prohibited by law and the provisions of this act, such rules so made and promulgated shall have the force of statute. (2-26-93)

**001. TITLE AND SCOPE.**

**01. Title.** These rules shall be cited as IDAPA 07.02.06, "Rules Concerning Idaho State Plumbing Code," Division of Building Safety. (3-25-13)

**02. Scope.** These rules prescribe the use of the Idaho State Uniform Plumbing Code. (3-25-13)

**002. WRITTEN INTERPRETATIONS.**

This agency has no written interpretations of this chapter. (2-26-93)

**003. ADMINISTRATIVE APPEALS.**

This chapter does not provide for administrative relief of the provisions contained herein. (2-26-93)

**004. -- 010. (RESERVED)**

**011. ADOPTION AND INCORPORATION BY REFERENCE OF THE IDAHO STATE PLUMBING CODE.**

The Idaho State Plumbing Code published in 2012, including Appendices "A, B, D, E, I, and L," (herein ISPC) is adopted and incorporated by reference with amendments as prescribed by the Idaho Plumbing Board and contained in this Section. The Idaho State Plumbing Code is modeled after the 2009 Uniform Plumbing Code (UPC). The Idaho State Plumbing Code is available at the Division of Building Safety offices located at 1090 E. Watertower St., Suite 150, Meridian, Idaho 83642; 1250 Ironwood Dr., Ste. 220, Coeur d'Alene, Idaho 83814; and 2055 Garrett Way, Building 1, Suite 4, Pocatello, Idaho 83201. It may also be accessed electronically online at <http://dbs.idaho.gov/>.

(3-25-13)

**01. Section 218.** Delete definition of "Plumbing System." Incorporate definition of "Plumbing System" as set forth in Section 54-2604, Idaho Code. (3-15-02)

**02. Section 315.4.** Add: Where unsuitable or soft material is encountered, excavate to a depth not less than two (2) pipe diameters below the pipe and replace with select backfill. Such backfill shall be sand, fine gravel, or stone and shall provide lateral support for the pipe. Where rock is encountered, the trench shall be excavated to a minimum depth of six (6) inches (152 mm) below the bottom of the pipe. Sand shall be added to provide uniform bedding and support for the pipe. The pipe shall not rest on any rock at any point, including joints. (3-25-13)

**03. Section 316.1.6 Solvent Cement Plastic Pipe Joints.** PVC DWV may be joined by the use of one-step solvent cement listed or labeled per U.P.C. Section 301.1.1. (3-25-13)

**04. Section 402.4 Metered Faucets.** Self-closing or self-closing metering faucets may be installed on lavatories intended to serve the transient public, such as those in, but not limited to, service stations, train stations, airports, restaurants, convention halls, and rest stops. Installed metered faucets shall deliver a maximum of zero point two six (0.26) gallons (one point zero (1.0) liter) of water per use. (3-25-13)

**05. Section 411.8.1 Tests for Shower Receptors. Delete.**

**06. 05. Section 412.0 Minimum Number of Required Fixtures.** Delete Section 412.0 and all subsections contained thereunder and replace with the following: (3-25-13)

**a.** 412.1 Fixture Count. Plumbing fixtures shall be provided for the type of building occupancy and in the minimum number shown in Table 412.1. The total occupant load and occupancy classification shall be determined in accordance with the building code. Occupancy classification not shown in Table 412.1 shall be considered separately by the Authority Having Jurisdiction. The minimum number of fixtures shall be calculated at fifty percent (50%) male and fifty percent (50%) female based on the total occupant load. Where information submitted indicates a difference in distribution of the sexes such information shall be used in order to determine the number of fixtures for each sex. Once the occupancy load and occupancy are determined, Table 412.1 shall be applied to determine the minimum number of plumbing fixtures required. Where applying the fixture ratios in Table 412.1 results in fractional numbers, such numbers shall be rounded to the next whole number. For multiple occupancies, fractional numbers shall be first summed and then rounded to the next whole number. (3-25-13)

**b.** 412.1.1 Family or Assisted-Use Toilet and Bathing Facilities. Where family or assisted-use toilet and bathing rooms are required, in applicable building regulations, the facilities shall be installed in accordance with those regulations. (3-25-13)

**c.** 412.2 Separate Facilities. Separate toilet facilities shall be provided for each sex, with the following exceptions: (3-25-13)

**i.** Residential installations. (3-25-13)

**ii.** In occupancies with a total occupant load of ten (10) or less, including customers and employees, one (1) toilet facility, designed for use by no more than one (1) person at a time, shall be permitted for use by both sexes. (3-25-13)

**iii.** In business and mercantile occupancies with a total occupant load of fifty (50) or less including customers and employees, one (1) toilet facility, designed for use by no more than one (1) person at a time, shall be permitted for use by both sexes. (3-25-13)

**d.** 412.3 Fixture Requirements for Special Occupancies. Additional fixtures shall be permitted to be required where unusual environmental conditions or referenced activities are encountered. In food preparation areas, fixture requirements shall be permitted to be dictated by health codes. (3-25-13)

**e.** 412.4 Toilet Facilities Serving Employees and Customers. Each building or structure shall be provided with toilet facilities for employees and customers. Requirements for customers and employees shall be permitted to be met with a single set of restrooms accessible to both groups. Required toilet facilities for employees and customers located in shopping malls or centers shall be permitted to be met by providing a centrally located toilet facility accessible to several stores. The maximum travel distance from entry to any store to the toilet facility shall not exceed three hundred (300) feet (91.4 m). Required toilet facilities for employees and customers in other than shopping malls or centers shall have a maximum travel distance not to exceed five hundred (500) feet (152.4 m). (3-25-13)

**f.** 412.4.1 Access to Toilet Facilities. In multi-story buildings, accessibility to the required toilet facilities shall not exceed one (1) vertical story. Access to the required toilet facilities for customers shall not pass through areas designated as for employee use only such as kitchens, food preparation areas, storage rooms, closets, or similar spaces. Toilet facilities accessible only to private offices shall not be counted to determine compliance with this section. (3-25-13)

**g.** 412.5 Toilet Facilities for Workers. Toilet facilities shall be provided and maintained in a sanitary condition for the use of workers during construction. (3-25-13)

**07.06. Table 4-1 Minimum Plumbing Facilities.** Delete Table 4-1 and replace with the following Table 412.1:

**TABLE 412.1  
MINIMUM PLUMBING FACILITIES<sup>1</sup>**

Each building shall be provided with sanitary facilities, including provisions for persons with disabilities as prescribed by the Department Having Jurisdiction. Table 412.1 applies to new buildings, additions to a building, and changes of occupancy or type in an existing building resulting in increased occupant load.

TYPE OF OCCUPANCY <sup>2</sup>	WATER CLOSETS (FIXTURES PER PERSON) <sup>3</sup>		URINALS (FIXTURES PER PERSON)	LAVATORIES (FIXTURES PER PERSON)		BATHTUBS OR SHOWERS (FIXTURES PER PERSON)	DRINKING FOUNTAINS/FACILITIES (FIXTURES PER PERSON)	OTHER
	Male	Female		Male	Female			
<b>A-1</b> Assembly occupancy (fixed or permanent seating)- theatres, concert halls and auditoriums	Male 1: 1-100 2: 101-200 3: 201-400	Female 1: 1-25 2: 26-50 3: 51-100 4: 101-200 6: 201-300 8: 301-400	Male 1: 1-200 2: 201-300 3: 301-400 4: 401-600	Male 1: 1-200 2: 201-400 3: 401-600 4: 601-750	Female 1: 1-100 2: 101-200 4: 201-300 5: 301-500 6: 501-750		1: 1-250 2: 251-500 3: 501-750	1 service sink or laundry tray
	Over 400, add 1 fixture for each additional 500 males and 1 fixture for each additional 125 females.		Over 600, add 1 fixture for each additional 300 males.	Over 750, add 1 fixture for each additional 250 males and 1 fixture for each additional 200 females.		Over 750, add 1 fixture for each additional 500 persons.		
<b>A-2</b> Assembly occupancy- restaurants, pubs, lounges, night clubs and banquet halls	Male 1: 1-50 2: 51-150 3: 151-300 4: 301-400	Female 1: 1-25 2: 26-50 3: 51-100 4: 101-200 6: 201-300 8: 301-400	Male 1: 1-200 2: 201-300 3: 301-400 4: 401-600	Male 1: 1-150 2: 151-200 3: 201-400	Female 1: 1-150 2: 151-200 4: 201-400		1: 1-250 2: 251-500 3: 501-750	1 service sink or laundry tray
	Over 400, add 1 fixture for each additional 250 males and 1 fixture for each 125 females.		Over 600, add 1 fixture for each additional 300 males.	Over 400 add 1 fixture for each additional 250 males and 1 fixture for each additional 200 females.		Over 750, add 1 fixture for each additional 500 persons.		
<b>A-3</b> Assembly occupancy (typical without fixed or permanent seating)- arcades, places of worship, museums, libraries, lecture halls, gymnasiums (without spectator seating), indoor	Male 1: 1-100 2: 101-200 3: 201-400	Female 1: 1-25 2: 26-50 3: 51-100 4: 101-200 6: 201-300 8: 301-400	Male 1: 1-100 2: 101-200 3: 201-400 4: 401-600	Male 1: 1-200 2: 201-400 3: 401-600 4: 601-750	Female 1: 1-100 2: 101-200 4: 201-300 5: 301-500 6: 501-750		1: 1-250 2: 251-500 3: 501-750	1 service sink or laundry tray

<p> pools (without spectator seating)</p>	<p>Over 400 add 1 fixture for each additional 500 males and 1 fixture for each additional 125 females.</p>		<p>Over 600, add 1 fixture for each additional 300 males.</p>	<p>Over 750, add 1 fixture for each additional 250 males and 1 fixture for each additional 200 females.</p>			<p>Over 750, add 1 fixture for each additional 500 persons.</p>	
<p><b>A-4</b> Assembly occupancy (indoor activities or sporting events with spectator seating)- swimming pools, skating rinks, arenas and gymnasiums</p>	<p>Male 1: 1-100 2: 101-200 3: 201-400</p>	<p>Female 1: 1-25 2: 26-50 3: 51-100 4: 101-200 6: 201-300 8: 301-400</p>	<p>Male 1: 1-100 2: 101-200 3: 201-400 4: 401-600</p>	<p>Male 1: 1-200 2: 201-400 3: 401-750</p>	<p>Female 1: 1-100 2: 101-200 4: 201-300 5: 301-500 6: 501-750</p>		<p>1: 1-250 2: 251-500 3: 501-750</p>	<p>1 service sink or laundry tray</p>
	<p>Over 400, add 1 fixture for each additional 500 males and 1 fixture for each additional 125 females.</p>		<p>Over 600, add 1 fixture for each additional 300 males.</p>	<p>Over 750, add 1 fixture for each additional 250 males and 1 fixture for each additional 200 females.</p>		<p>Over 750, add 1 fixture for each additional 500 persons.</p>		
<p><b>A-5</b> Assembly occupancy (outdoor activities or sporting events)- amusement parks, grandstands and stadiums</p>	<p>Male 1: 1-100 2: 101-200 3: 201-400</p>	<p>Female 1: 1-25 2: 26-50 3: 51-100 4: 101-200 6: 201-300 8: 301-400</p>	<p>Male 1: 1-100 2: 101-200 3: 201-400 4: 401-600</p>	<p>Male 1: 1-200 2: 201-400 3: 401-750</p>	<p>Female 1: 1-100 2: 101-200 4: 201-300 5: 301-500 6: 501-750</p>		<p>1: 1-250 2: 251-500 3: 501-750</p>	<p>1 service sink or laundry tray</p>
	<p>Over 400, add 1 fixture for each additional 500 males and 1 fixture for each additional 125 females.</p>		<p>Over 600, add 1 fixture for each additional 300 males.</p>	<p>Over 750, add 1 fixture for each additional 250 males and 1 fixture for each additional 200 females.</p>		<p>Over 750, add 1 fixture for each additional 500 persons.</p>		
<p><b>B</b> Business occupancy (office, professional or service type transactions)- banks, vet clinics, hospitals, car wash, banks, beauty salons, ambulatory health care facilities, laundries and dry cleaning, educational institutions (above high school), or training facilities not located within school, post offices and printing shops</p>	<p>Male 1: 1-50 2: 51-100 3: 101-200 4: 201-400</p>	<p>Female 1: 1-15 2: 16-30 3: 31-50 4: 51-100 8: 101-200 11: 201-400</p>	<p>Male 1: 1-100 2: 101-200 3: 201-400 4: 401-600</p>	<p>Male 1: 1-75 2: 76-150 3: 151-200 4: 201-300 5: 301-400</p>	<p>Female 1: 1-50 2: 51-100 3: 101-150 4: 151-200 5: 201-300 6: 301-400</p>		<p>1 per 150</p>	<p>1 service sink or laundry tray</p>
	<p>Over 400, add 1 fixture for each additional 500 males and 1 fixture for each additional 150 females.</p>		<p>Over 600, add 1 fixture for each additional 300 males.</p>	<p>Over 400, add 1 fixture for each additional 250 males and 1 fixture for each additional 200 females.</p>				
<p><b>E</b> Educational occupancy-private or public schools</p>	<p>Male 1 per 50</p>	<p>Female 1 per 30</p>	<p>Male 1 per 100</p>	<p>Male 1 per 40</p>	<p>Female 1 per 40</p>		<p>1 per 150</p>	<p>1 service sink or laundry tray</p>
<p><b>F1, F2</b> Factory or Industrial occupancy-fabricating or assembly work</p>	<p>Male 1: 1-50 2: 51-75 3: 76-100</p>	<p>Female 1: 1-50 2: 51-75 3: 76-100</p>		<p>Male 1: 1-50 2: 51-75 3: 76-100</p>	<p>Female 1: 1-50 2: 51-75 3: 76-100</p>	<p>1 shower for each 15 persons exposed to</p>	<p>1: 1-250 2: 251-500 3: 501-750</p>	<p>1 service sink or laundry tray</p>

		Over 100 add 1 fixture for each additional 40 persons.			Over 100 add 1 fixture for each additional 40 persons.		excessive heat or to skin contamination with poisonous, infectious or irritating material.	Over 750 add 1 fixture for each additional 500 persons.	
<b>I-1</b> Institutional occupancy (houses more than 16 persons on a 24-hour basis)- substance abuse centers, assisted living, group homes, or residential facilities		Male 1 per 15	Female 1 per 15		Male 1 per 15	Female 1 per 15	1 per 8	1 per 150	1 service sink or laundry tray
<b>I-2</b> Institutional occupancy- medical, psychiatric, surgical or nursing homes	Hospitals and nursing homes-individual rooms and ward room	1 per room			1 per room		1 per room	1 per 150	1 service sink or laundry tray
		1 per 8 patients			1 per 10 patients		1 per 20 patients		
	Hospital Waiting or Visitor Rooms	1 per room			1 per room			1 per room	
	Employee Use	Male 1: 1-15 2: 16-35 3: 36-55	Female 1: 1-15 3: 16-35 4: 36-55		Male 1 per 40	Female 1 per 40			
Over 55, add 1 fixture for each additional 40 persons.									
<b>I-3</b> Institutional occupancy (houses more than 5 people)	Prisons	1 per cell			1 per cell		1 per 20	1 per cell block/floor	
	Correctional facilities or juvenile center	1 per 8			1 per 10		1 per 8	1 per floor	1 service sink or laundry tray
	Employee Use	Male 1: 1-15 2: 16-35 3: 36-55	Female 1: 1-15 3: 16-35 4: 36-55		Male 1 per 40	Female 1 per 40		1 per 150	
Over 55, add 1 fixture for each additional 40 persons.									

<b>I-4</b> Institutional occupancy (any age that receives care for less than 24 hours)	Male 1: 1-15 2: 16-35 3: 36-55	Female 1: 1-15 3: 16-35 4: 36-55		Male 1 per 40	Female 1 per 40		1 per 150	1 service sink or laundry tray
	Over 55, add 1 fixture for each additional 40 persons.							
<b>M</b> Mercantile occupancy (the sale of merchandise and accessible to the public)	Male 1: 1-100 2: 101-200 3: 201-400	Female 1: 1-100 2: 101-200 4: 201-300 6: 301-400	Male 0: 1-200 1: 201-400	Male 1: 1-200 2: 201-400	Female 1: 1-200 2: 201-300 3: 301-400		1: 1-250 2: 251-500 3: 501-750	1 service sink or laundry tray
	Over 400 add 1 fixture for each additional 500 males and 1 fixture for each 200 females.		Over 400 add 1 fixture for each additional 500 males.	Over 400 add 1 fixture for each additional 500 males and 1 fixture for each 400 females.			Over 750 add 1 fixture for each additional 500 persons.	
<b>R-1</b> Residential occupancy (minimal stay)- hotels, motels, bed and breakfast homes	1 per sleeping room			1 per sleeping room		1 per sleeping room		1 service sink or laundry tray
<b>R-2</b> Residential occupancy (long-term or permanent)	Dormitories	Male 1 per 10	Female 1 per 8	1 per 25	Male 1 per 12	Female 1 per 12		1 service sink or laundry tray
		Add 1 fixture for each additional 25 males and 1 fixture for each additional 20 females.		Over 150, add 1 fixture for each additional 50 males.	Add 1 fixture for each additional 20 males and 1 fixture for each additional 15 females.		1 per 8	
	Employee Use	Male 1: 1-15 2: 16-35 3: 36-55	Female 1: 1-15 3: 16-35 4: 36-55		Male 1 per 40	Female 1 per 40		
		Over 55, add 1 fixture for each additional 40 persons						

	Apartment house/unit	1 per apartment		1 per apartment	1 per apartment		1 kitchen sink per apartment. 1 laundry tray or 1 automatic clothes washer connection per unit or 1 laundry tray or 1 automatic clothes washer connection for each 12 units	
<b>R-3 Residential occupancy</b> (long-term or permanent in nature) for more than 5 but does not exceed 16 occupants)	Male 1 per 10	Female 1 per 8		Male 1 per 12	Female 1 per 12	1 per 8	1 per 150	1 service sink or laundry tray
	Add 1 fixture for each additional 25 males and 1 fixture for each additional 20 females.		Add 1 fixture for each additional 20 males and 1 fixture for each additional 15 females.					
<b>R-3 Residential occupancy</b> (one and two family dwellings)	1 per one and two family dwelling		1 per one and two family dwelling	1 per one and two family dwelling			1 kitchen sink and 1 automatic clothes washer connection per one and two family dwelling	
<b>R-4 Residential occupancy</b> (residential care or assisted living)	Male 1 per 10	Female 1 per 8		Male 1 per 12	Female 1 per 12	1 per 8	1 per 150	1 service sink or laundry tray
	Add 1 fixture for each additional 25 males and 1 fixture for each additional 20 females.		Add 1 fixture for each additional 20 males and 1 fixture for each additional 15 females.					
<b>S-1, S-2 Storage</b> occupancy-storage of goods, warehouse, aircraft hanger, food products, appliances	Male 1: 1-100 2: 101-200 3: 201-400	Female 1: 1-100 2: 101-200 3: 201-400		Male 1: 1-200 2: 201-400 3: 401-750	Female 1: 1-200 2: 201-400 3: 401-750	1 per 8	1: 1-250 2: 251-500 3: 501-750	1 service sink or laundry tray
	Over 400, add 1 fixture for each additional 500 males and 1 fixture for each additional 150 females.		Over 750, add 1 fixture for each additional 500 persons.		Over 750, add 1 fixture for each additional 500 persons.			

**Notes:**

- <sup>1</sup> The figures shown are based upon one fixture being the minimum required for the number of persons indicated or any fraction thereof.
- <sup>2</sup> A restaurant is defined as a business that sells food to be consumed on the premises.
- a. The number of occupants for a drive-in restaurant shall be considered as equal to the number of parking stalls.
- b. Hand-washing facilities shall be available in the kitchen for employees.
- <sup>3</sup> The total number of required water closets for females shall be not less than the total number of required water closets and urinals for males.

(3-25-13)

**07. Section 414.5 Limitation of Hot Water in Bathtubs and Whirlpool Bathtubs. Delete.**

**08. 07. Section 418.0.** Pressure balance or thermostatic mixing valves are not required for high flow (over eight (8) g.p.m.) tub filler valves with hand shower sets attached. (3-25-13)

**09. 08. Section 504.1 Inspection of Chimneys or Vents.** Add the following to the end of section 504.1: Water heating appliances using Category 3 or 4 exhaust venting shall be tested in its entirety with five (5) pounds of air for fifteen (15) minutes. Plastic vents shall be constructed using manufacturer’s instructions. (3-25-13)

**10. Section 508.2 Delete**

**11. 09. Section 508.14 Installation in Residential Garages.** Replace 508.14 (1) with the following: Any plumbing appliance or appurtenance in residential garages and in adjacent spaces that open to the garage and are not part of the living space of a dwelling unit shall be installed so that burners, burner-ignition devices or other sources of ignition are located not less than eighteen (18) inches (450 mm) above the floor unless listed as flammable vapor ignition resistant. (3-25-13)

**12. 10. Section 603.4.16.5 Residential Sprinkler System.** Add the following to the end of section 603.4.16.5: and the requirements of the Authority Having Jurisdiction (AHJ). (3-25-13)

~~**11. Section 604.1. Materials.** Crosslinked Polyethylene (PEX) Tubing manufactured to ASTM—F876/F877 and tested, approved, and listed to ANSI/NSF 14 and 61, for potable water along with all applicable installation standards may be used for hot and cold water distribution systems within a building or cold water distribution systems outside of a building. Listed PE (polyethylene) water service and yard piping may be installed within a building (above ground and below ground) with one (1) joint, provided that only listed and approved metallic transition fittings shall be used. (4-6-05)~~

**13. Table 6-4 Materials for Building Supply and Water Distribution Pipings and Fittings. Add to the following to table 6-4:**

Material	Building Supply Pipe & Fittings	Water Distribution Pipe & Fittings	Referenced Standard(s) Pipe	Referenced Standard(s) Fittings
PE-RT (Polyethylene of Raised Temperature)	X	X	ASTM F2769	ASTM F1807, ASTM F2098, ASTM F2159, ASTM F2735, ASTM F2769
PP (Polypropylene)	X	X	ASTM F 2389	ASTM F2389, CSA B137.11



**14. Section 604 Materials.** Add the following at the end of section 604:

**PE-RT.** Polyethylene of raised temperature (PE-RT) tubing shall be marked with the appropriate standard designation( s) listed in Table 6-4 for which the tubing has been approved. PE-RT tubing shall be installed in accordance with the manufacturer's installation instructions. Fittings, metal insert fittings, metal compression fittings, and plastic fittings shall be manufactured to and marked in accordance with the standards for fittings in Table 6-4.

**Polypropylene (PP) Piping and Joints.** PP pipe and fittings shall be installed in accordance with the manufacturer's installation instructions.

- a. **Heat-fusion joints** for polypropylene (PP) pipe and fitting joints shall be installed with socket-type heat-fused polypropylene fittings, fusion outlets, butt-fusion polypropylene fittings or pipe, or electro-fusion polypropylene fittings. Joint surfaces shall be clean and free from moisture. The joint shall be undisturbed until cool. Joints shall be made in accordance with ASTM F 2389 or CSA B137.11.
- b. **Mechanical and Compression Sleeve Joints.** Mechanical and compression sleeve joints shall be installed in accordance with the manufacturer's installation instructions.
- c. **Threaded Joints.** PP pipe shall not be threaded. PP transition fittings for connection to other piping materials shall only be threaded by use of brass or stainless steel inserts molded in the fitting.

**Listed PE (polyethylene),** 160 psi minimum, water service and yard piping may be installed within a building (above ground and below ground) with one (1) joint, provided that only listed and approved metallic transition fittings shall be used. Polyethylene (PE) plastic pipe or tubing and fitting joining methods shall be installed in accordance with the manufacturer's installation instructions. Mechanical joints between PE pipe or tubing and fittings shall include inserts and mechanical compression fittings that provide a pressure seal resistance to pullout. Joints for insert fittings shall be made by cutting the pipe square, using a cutter designed for plastic piping, and removal of sharp edges. Two stainless steel clamps shall be placed over the end of the pipe. Fittings shall be checked for proper size based on the

diameter of the pipe. The end of pipe shall be placed over the barbed insert fitting, making contact with the fitting shoulder. Clamps shall be positioned equal to 180 degrees (3.14 rad) apart and shall be tightened to provide a leak tight joint. Compression type couplings and fittings shall be permitted for use in joining PE piping and tubing. Stiffeners that extend beyond the clamp or nut shall be prohibited. Bends shall be not less than 30 pipe diameters, or the coil radius where bending with the coil. Bends shall not be permitted closer than 10 pipe diameters of a fitting or valve. Mechanical joints shall be designed for their intended use. ( )

**15. 12. Section 609.1 Installation.** Delete the following sentence: Water service yard piping shall be not less than twelve (12) inches (305 mm) below the average local frost depth; and replace it with the following: The cover shall be not less than forty-two (42) inches (1068mm) below grade. (3-25-13)

**16. 13. Section 609.4 Testing.** Testing. Deleting the phrase “Except for plastic piping,” at the beginning of the third sentence and add the following sentence at the end of the section: Plastic piping is to be tested in accordance with manufacturer’s installation standards. (3-25-13)

**17. 14. Section 609.10 Water Hammer.** Does not apply to residential construction. (3-25-13)

**18. 15. Table 6-5 and Appendix Table A-2.** Change fixture unit loading value for both public and private for bathtub or combination bath/shower, and clothes washers to two (2) fixture units. (3-25-13)

**19. 16. Section 610.2.** Add the following: All new one (1) and two (2) family residences built slab on grade or that will have a finished basement at the time of final inspection must have a pre-plumbed water softener loop. The kitchen sink must have one (1) hot soft line and one (1) cold soft line and one (1) cold hard line. Exterior cold hose bibbs intended for irrigation purposes must be piped with hard water. (3-25-13)

**20. 17. Table 6-8 Sizing of Residential Softeners.** Amend Footnote 3 to read: Over four (4) bathroom groups, softeners shall be sized according to the manufacturer’s standards. (3-25-13)

**21. Table 7-1 Materials for Drain, Waste, Vent Pipe and Fittings.** Add the following to table 7-1:

Material	Underground Drain, Waste, Vent Pipe And Fittings	Above ground Drain, Waste, Vent Pipe and Fittings	Building Sewer Pipe & Fittings	Referenced Standard(s) Pipe	Referenced Standard(s) Fittings
PE (Polyethylene)			X <sup>2</sup>	ASTM F714	ASTM D2683, ASTM D3261, ASTM F1055 ASTM F2206

<sup>2</sup> PE piping and fittings used for building sewers shall be installed per manufactures installation instructions and IS 26-2006 Idaho State Plumbing Code. (x-xx-xx)

**22. 18. Table 7-3 Drainage Fixture Unit Valves (DFU).** Change fixture unit loading value for clothes washers, domestic for private to two (2) fixture units. (3-25-13)

**23. 19. Section 703.1.** Add the following at the end of section 703.1: No portion of the drainage or vent

system installed underground, underground under concrete or below a basement or cellar shall be less than two (2) inches in diameter. (3-25-13)

**24. 20. Section 703.2 and 710.5. Add Exception.** In single family dwellings, one (1) fixture unit may be allowed for each gallon per minute of flow from a pump or a sump ejector. (3-15-02)

**25. 21. Section 704.2.** Two inch (2”) and smaller double sanitary tees may be used for back to back or side by side fixture trap arms without increasing the barrel size. (4-6-05)

**26. 22. Section 704.3.** Delete. (5-3-03)

**27. 23. Table 7-5.** Change fixture unit loading value for one and a half (1 1/2) inch horizontal drainage to two (2) fixture units. (7-1-98)

**28. 24. Section 707.0 Cleanouts.** Add the following: A clean out shall be installed for double sanitary tees two (2) inches (50 mm) or less in diameter that receive the discharge from fixture connections. Exception in Section 707.4 shall not apply. (3-25-13)

**29. 25. Section 707.4 Cleanouts.** A full-sized accessible cleanout shall be installed in the vertical immediately above the floor or at the base of each waste or soil stack. A full-size cleanout extending to or above finished grade line shall be installed at the junction of the building drain and the building sewer (ref.: Section 719.1). Cleanouts shall be installed at fifty (50) foot intervals in horizontal drain lines two (2) inches or smaller. (3-15-02)

**30. 26. Section 710.9.** Add: Exception: One (1) pump shall be permitted for “public use” occupancies provided that such tank receives the discharge of not more than one (1) water closet and ten (10) fixture units. (3-25-13)

**31. 27. Section 712.1 Media.** In the first sentence, delete the phrase “except that plastic pipe shall not be tested with air.” (3-25-13)

**32. 28. Section 717.0 Size of Building Sewers.** Add the following to the end of section 717.0: Exception: The building drain and building sewer is not less than four (4) inches extending from its connection with the city or private sewer system and shall run full size to inside the foundation or building lines. (3-25-13)

**33. 29. Section 801.2.3.** Add: Food preparation sinks, pot sinks, scullery sinks, dishwashing sinks, silverware sinks, commercial dishwashing machines, silverware-washing machines, steam kettles, potato peelers, ice cream dipper wells, and other similar equipment and fixtures must be indirectly connected to the drainage system by means of an air gap. The piping from the equipment to the receptor must not be smaller than the drain on the unit, but it must not be smaller than one (1) inch (twenty-five and four tenths (25.4) mm). (5-3-03)

**34. 30. Section 801.4. Connections from Water Distribution System.** Provisions must be made for the discharge of the water softener to terminate in an approved location. The drain line for a water softener must be three-fourths (3/4) inch minimum. A washer box with a dual outlet is an approved location as long as it is on the same floor or one (1) floor below the softener unit and the water softener drain line is a minimum three-fourths (3/4) inch. (3-25-13)

**35. 31. Section 807.4.** A domestic dishwashing machine may be installed without the use of an airgap if the drain hose is looped to the bottom side of the counter top and secured properly. (3-15-02)

**36. 32. Section 906.1.** Delete the existing provision and replace with the following: (4-2-08)

**a.** Roof venting. When conventional roof venting is utilized, each vent pipe or stack shall extend through its flashing and shall terminate vertically not less than six (6) inches (one hundred fifty-two (152) mm) above the roof nor less than one (1) foot (three hundred five (305) mm) from any vertical surface. (4-2-08)

**b.** Sidewall venting. When sidewall venting is utilized, the vent shall extend flush with the eaves/gable

end, shall turn down using a ninety (90) degree ell, and shall terminate as close to the roof peak as possible. The vent end must be properly screened. Sidewall venting is acceptable on new or remodel construction on cabins, log homes, and residential or commercial buildings. (4-2-08)

c. Sidewall venting must meet the intent of Section 906.2 of the ISPC. (3-25-13)

**37. 33. Section 908. Exception - Vertical Wet Venting.** A horizontal wet vent may be created provided it is created in a vertical position and all other requirements of Section 908 of the ISPC are met. (3-25-13)

**38. 34. Section 909.0.** Add: Parameters for the limited use of Air Admittance Valves (A.A.V.). (4-2-08)

a. An A.A.V. may be used only in residential buildings. (4-2-08)

b. In remodels, an A.A.V. may be used with island fixtures or remotely located sinks such as in bar, kitchen, or laundry tray locations. An A.A.V. shall not be used in bathroom groups. (4-2-08)

c. In new construction, an A.A.V. may be used on island fixture sinks. (4-2-08)

d. Each A.A.V. may be used to vent only one (1) floor. (4-2-08)

e. Each A.A.V. must be readily accessible. (4-2-08)

f. The cross-sectional area of venting must remain the same and must meet the largest required building drain. (4-2-08)

g. An A.A.V. shall only be installed in accordance with the manufacturer's installation standards as per ASSE 1051. (4-2-08)

h. An A.A.V. may not be used in an attic, crawl space, outside installation, or in connection with chemical or acid waste systems. (4-2-08)

**39. 35. Section 1002.3.** Trap arms may not exceed one hundred eighty (180) degrees of horizontal turn without the use of a cleanout. (3-15-02)

**40. 36. Section 1007.0 Trap Seal Protection.** Delete section 1007.0 and replace with the following: Floor drains or similar traps directly connected to the drainage system and subject to infrequent use shall be protected with a trap seal primer or other approved trap seal protection device, except where not deemed necessary for safety or sanitation by the Authority Having Jurisdiction. Trap seal primers shall be accessible for maintenance. (3-25-13)

**41. 37. Section 1016.1 Where Required.** Add the following to the end of section 1016.1: Floor drains installed in residential garages shall be permitted to use the interceptor as the fixture trap. (3-25-13)

**42. 38. 1601.0 Gray Water Systems - General.** Add to this section the following paragraph: (G) Plumbing for a gray water system from any fixture up to, but not to include the exterior irrigation system tank shall be inspected by the Authority Having Jurisdiction. The Idaho Department of Environmental Quality (IDEQ) shall have jurisdiction to inspect and approve the installation of the exterior irrigation system tank and all piping therefrom to the point of disposal in accordance with IDAPA 58.01.03, "Individual/Subsurface Sewage Disposal Rules." Gray water system location and design criteria requirements related to irrigation and leaching shall be determined in accordance with the requirements as established by the IDEQ. (3-25-13)

**012. -- 999. (RESERVED)**

# IDAHO PLUMBING BOARD

## Agenda Item No. 06      Expired License and Retest (SECOND READING)

**PRESENTER:**      John Nielsen, Plumbing Program Manager

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**OBJECTIVE:**      Establish, in statute, an inactive license category for plumbing contractors, extend length of time to renew a certificate, and create a 90-day temporary contractor license to an active journeyman to represent a firm, company, etc., of a deceased or incapacitated plumbing contractor.

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**ACTION:**            Vote to accept or reject the proposal.

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**BACKGROUND:**    October 2013 - The following proposed changes to Idaho Code § 54-2617 were presented to the Board: 1) Allow a plumbing contractor to place his certificate of competency in an inactive status with the Division; and 2) Extend the length of time to renew a certificate to two years of the expiration date.

February 2014 – The following item was added to the proposal: Issue a 90-day temporary contractor license to an active journeyman to represent the firm, company, etc., of a deceased or incapacitated plumbing contractor.

May 2014 – The following items have been added to the proposed statute change, Idaho Code § 54-2637: 1) All continuing education requirements shall apply while license is inactive, and 2) Upon the death of a contractor, a temporary contractor license shall be valid for 90 days from date of issue and may be renewed one time upon written request.

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**ATTACHMENTS:** Idaho Code § 54-2617

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**§ 54-2617. Certificate expiration -- Renewal – Inactive License—Temporary Contractor License-- Rules for staggered schedule**

(1) Certificates of competency shall be issued for a period of three (3) years, and shall expire three (3) years from the date of issue, unless sooner revoked or suspended.

(2) A certificate of competency for plumbing contractor or journeyman may be renewed at any time during the month prior to its expiration by providing proof of completion of the continuing education requirements as established by the board and compliance with all other renewal requirements of statute or rule. A certificate of competency for plumbing specialty contractor and specialty journeyman may be renewed at any time during the month prior to its expiration by compliance with all renewal requirements of statute or rule.

(3) Failure of any holder to timely renew a certificate of competency shall cause lapse of the certificate, but it may be revived within ~~one (1) year~~ two (2) years without examination only upon payment of the full initial fee.

(4) The administrator may renew, on an inactive basis, the license of a plumbing contractor or specialty contractor who is not engaged in plumbing contracting in this state. The board shall fix and collect an inactive license fee for such an inactive license renewal in an amount not to exceed thirty-six dollars (\$36). Each inactive license shall be issued for a period of one (1) year. A plumbing contractor or specialty contractor holding an inactive license may not engage in the practice of plumbing contracting or specialty contracting in this state. If a plumbing contractor or specialty contractor wishes to convert his inactive license to an active license, he may do so by paying a processing fee of thirty dollars (\$ 30) and have an active compliance bond in the amount of two thousand dollars (\$2000). All continuing education requirements shall apply while the license is inactive.

(5) In the event that a plumbing contractor dies or becomes otherwise incapacitated, a temporary plumbing contractor's license may be issued to an applicant who has an active Idaho journeyman's license to represent that

company. The holder may perform all duties normally reserved to a plumbing contractor under the authority of the temporary license for up to ninety (90) days, except apply for new permits or solicit new work. Temporary contactor certificate of competency shall be valid for ninety (90) days from date of issue and may be renewed one time upon written request.

(6)~~(4)~~ The board shall promulgate rules to provide for a staggered schedule of issuing and renewing certificates of competency.

# IDAHO PLUMBING BOARD

**Agenda Item No. 07**

**Mixing Valve (SECOND READING)**

**PRESENTER:** John Nielsen, Plumbing Program Manager

---

**OBJECTIVE:** Discuss the enforcement of Idaho Plumbing Code section 414.5 “Limitation of Hot Water in Bathtubs and Whirlpool Bathtubs”.

---

**ACTION:** Vote to accept or reject the proposal.

---

**BACKGROUND:** In the previous edition of the code (2003 UPC) this section was deleted per IDAPA rule in 2005. With the new plumbing code and rule changes this deletion was overlooked. (This section is 421.0 in the 2003 UPC)

May 2014 – A motion was made to add in IDAPA 07.02.06.011.07 the deletion of ISPC section 414.5 “Elimination of Hot Water in Bathtubs and Whirlpool Bathtubs”.

---

**PROCEDURAL HISTORY:**

---

**ATTACHMENTS:** See Agenda Item 05 for supporting documentation.

---





# IDAHO PLUMBING BOARD

## Agenda Item No. 08                      Water Heater Strapping (SECOND READING)

**PRESENTER:**            John Nielsen, Plumbing Program Manager

---

**OBJECTIVE:**            To have the Board decide if Section 508.2 should be enforced, deleted or modified. (Water heater earthquake strapping)

---

**ACTION:**                Vote to accept or reject the proposal.

---

**BACKGROUND:**        May 2014 – Water heater earthquake strapping has always been required in code; however, not enforced. The Board was asked to enforce, delete or modify section 508.2 of the ISPC. Board member Pond recommended a water heater be strapped if installed on a second floor.

A motion was made to delete section 508.2 from ISPC.

---

### **PROCEDURAL HISTORY:**

---

**ATTACHMENTS:**    See Agenda Item 05 for supporting documentation.

---



# IDAHO PLUMBING BOARD

## Agenda Item No. 09

## Shower Pans (SECOND READING)

**PRESENTER:** John Nielsen, Plumbing Program Manager

---

**OBJECTIVE:** To have the Board decide if Section 411.8.1, *Test for Shower Receptors*, should be enforced, deleted or modified.

---

**ACTION:** Vote to accept or reject the proposal.

---

**BACKGROUND:** May 2014 – Testing of shower receptors has always been required in code; however, not enforced. The big contention is plumbers install the floor drains then tilers complete the job.

A motion was made to delete section 411.8.1 *Tests for Shower Receptors* from the ISPC.

---

### **PROCEDURAL HISTORY:**

---

**ATTACHMENTS:** See Agenda Item 05 for supporting documentation.

---



# IDAHO PLUMBING BOARD

## Agenda Item No. 10

## License Requirements

**PRESENTER:** John Nielsen, Plumbing Program Manager

---

**OBJECTIVE:** Clarify the requirements for plumbers holding either an out-of-state journeyman or contractor license.

---

**ACTION:** Vote to accept or reject the proposed rule change.

---

**BACKGROUND:** October 2013 – In Idaho, a plumbing contractor license represents a plumbing company and a plumbing journeyman license performs plumbing services. Some states do not have apprenticeship programs or require a journeyman license; only a plumbing contractor license to manage both the plumbing business and physical labor.

The concern brought forth was unless an inspector catches and cards a contractor on the job; how does DBS stop a contractor from physically working in the trade without an active journeyman license.

May 2014 – In an attempt to clean up the rule on licensure, a handout on the requirements for plumbing journeyman and contractor applicants was distributed. Changes would be made under the following licensure types: 1) Applicants who have worked as apprentices and journeymen in Idaho; 2) Applicants who have performed work out-of-state in a licensed jurisdiction; and, 3) Applicants who have performed work out-of-state in a non-licensed jurisdiction.

---

**ATTACHMENTS:** Proposed rule will be provided at meeting.

---



# IDAHO PLUMBING BOARD

## Agenda Item No. 11a

## Financial Report

**PRESENTER:** C. Kelly Pearce, Administrator and Kathleen Watkins, Financial Manager

---

**OBJECTIVE:** Review the Idaho Plumbing Board Financial Report.

---

**ACTION:** Informational

---

**BACKGROUND:** This topic is addressed at all regularly scheduled Idaho Plumbing Board meetings.

---

### **PROCEDURAL HISTORY:**

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**ATTACHMENTS:** Financial report

---





**Division of Building Safety**  
 IDAHO PLUMBING BOARD FUND 0229-03  
 Fiscal Year 2014 Financial Statements  
 As of 5/31/2014

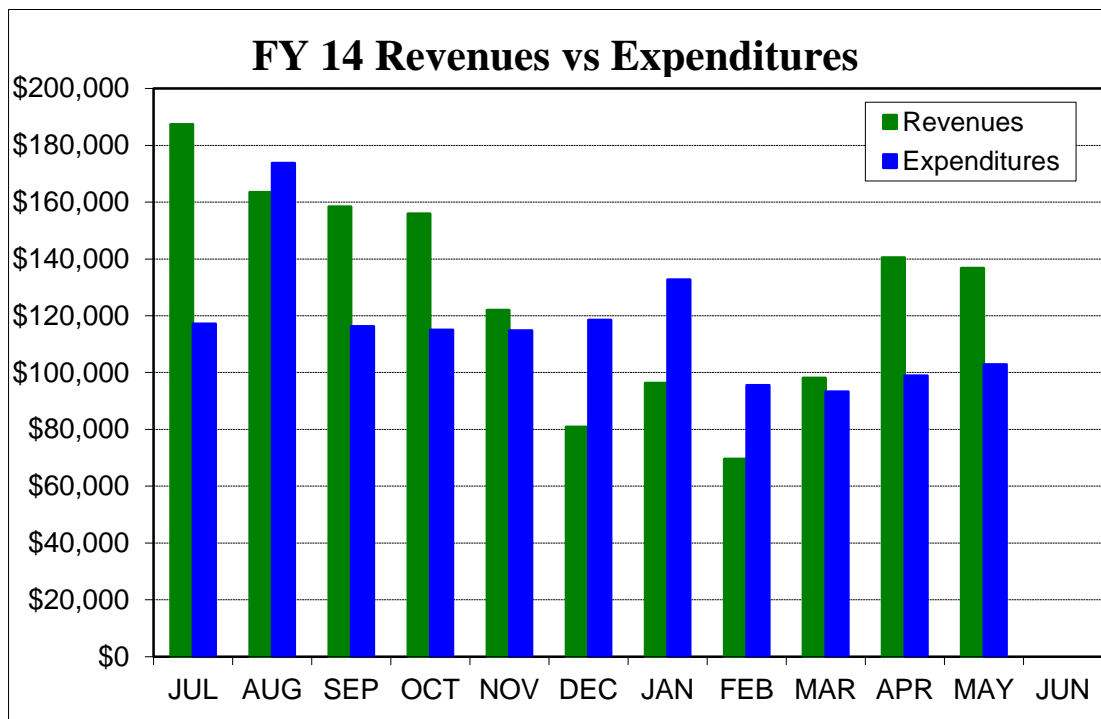
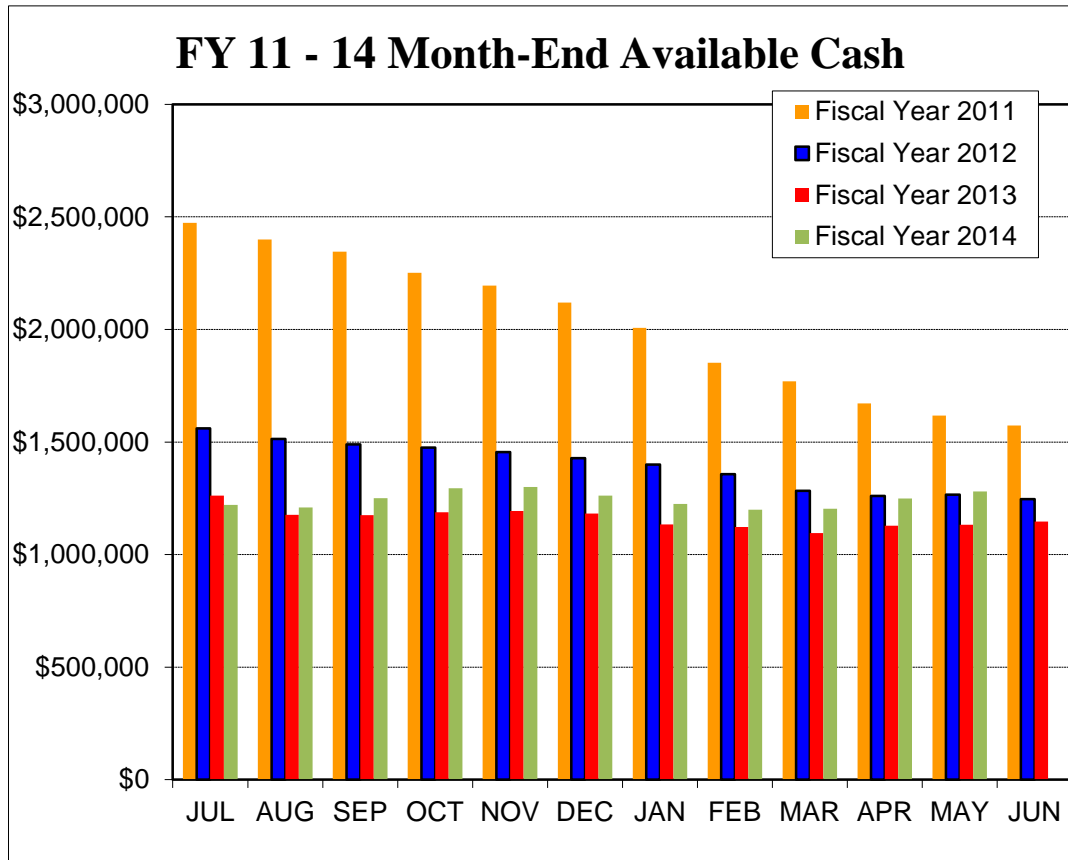
Statement of Revenues and Expenditures

Class	Budget	Fiscal Year To Date	YTD as a % of Budget	Remaining Budget	Projected for Remainder of Year	Projected Year End Totals	Projected Total as a % of Budget
Revenues:	1,409,000	1,409,714	100.1%	(714)	126,830	1,536,543	109.1%
Expenditures							
Personnel:	1,118,000	1,000,998	89.5%	117,002	83,417	1,084,415	97.0%
Operating:	298,000	250,419	84.0%	47,581	43,471	293,890	98.6%
Capital:	42,000	27,478	65.4%	14,522	36,522	64,000	152.4%
Total Expenditures	1,458,000	1,278,896	87.7%	179,104	163,409	1,442,305	98.9%
Net for FY 2014	(49,000)	130,818			(36,579)	94,239	

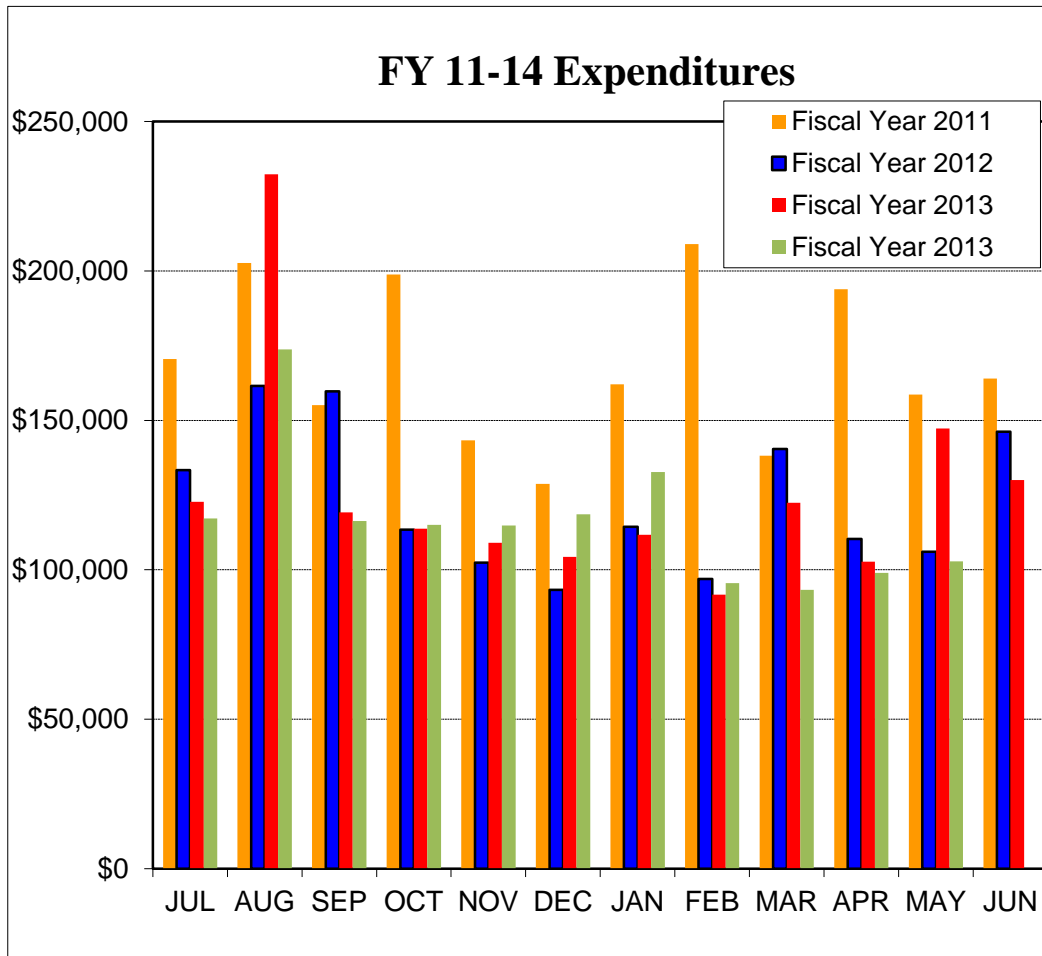
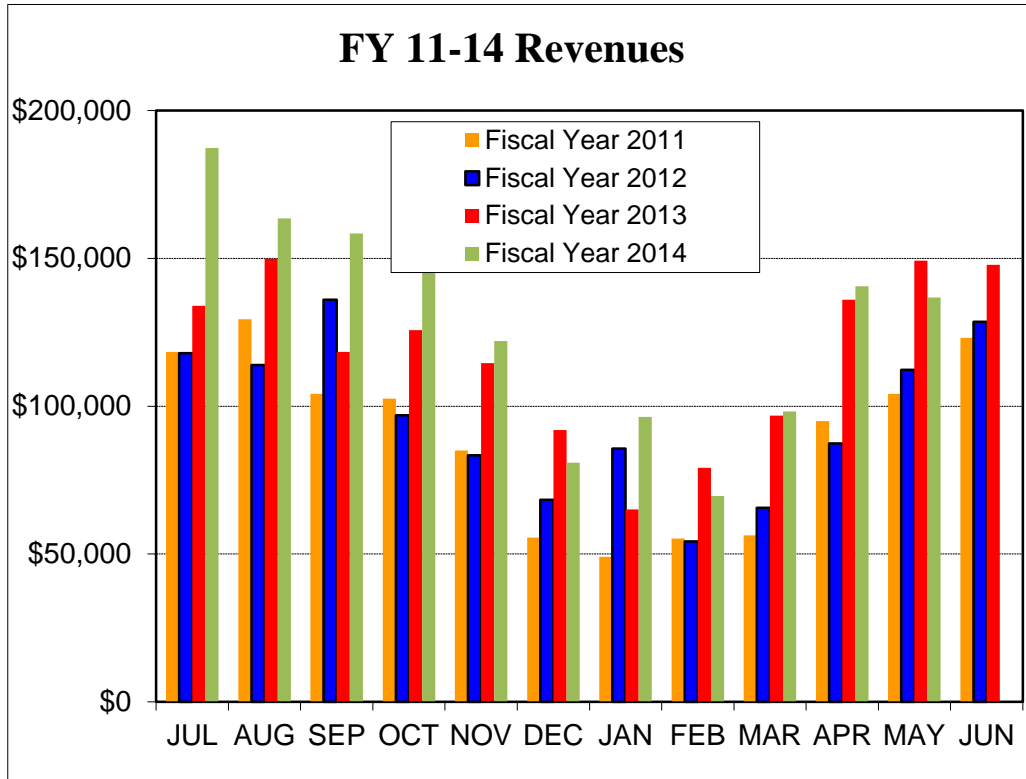
Statement of Cash Balance

July 1, 2013 Beginning Cash Available	Fiscal Year to Date Revenues	Fiscal Year to Date Expenditures and Encumbrances	Other Changes in Cash	Available Cash as of May 31, 2014	Projected Change in Cash for Remainder of Year	Projected Year End Available Cash
1,147,004	1,409,714	(1,278,896)	2,117	1,279,939	(36,579)	1,243,359

## IDAHO PLUMBING BOARD FUND 0229-03



## IDAHO PLUMBING BOARD FUND 0229-03



# IDAHO PLUMBING BOARD

**Agenda Item No. 11b**

**Administrator**

**PRESENTER:** C. Kelly Pearce, Administrator

---

**OBJECTIVE:** Provide an overview of the Division's current activities.

---

**ACTION:** Informational

---

**BACKGROUND:** This topic is addressed at all regularly scheduled Idaho Plumbing Board meetings.

---

**PROCEDURAL  
HISTORY:**

---

**ATTACHMENTS:** No documentation

---





# IDAHO PLUMBING BOARD

**Agenda Item No. 12**

**Tuff Form**

**PRESENTER:** Neal Dykeman, NDS Company, LLC

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**OBJECTIVE:** Board approval of the product *Tuff Form* for use in the state of Idaho.

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**ACTION:** Informational

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**BACKGROUND:**

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**PROCEDURAL  
HISTORY:**

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**ATTACHMENTS:** Brochure

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## Tuff Form® Wet Room System

The Tuff Form® Wet Room System revolutionizes the design of a typical bathroom, with a myriad of styling options.

Homeowners now have the ability to expand their palette in designing a bathroom that is truly their own.

The Tuff Form® System is not only a stylish option but a sensible one that combines functionality and versatility in its application. Leave all inhibitions at the door; the Tuff Form® System is what you make it.



### A Room with a View

Create a bold room filled with color or a soothing sanctuary with subtle hues. Personalize your bathroom into the oasis of your choosing. The Tuff Form® Former provides the foundation for a truly unique space designed with your tastes in mind.

### Expand Your Experience

Ordinary bathrooms confine your showering area to a standardized space. The Tuff Form® System reinvents the perception of the shower by creating a spacious escape for you to enjoy. Wet Rooms can transform any small current tub space to one that is much larger. With more open space, taking a shower is no longer a daily task but an experience. Allow light to permeate the bathroom, creating a serene atmosphere while you prepare for your day.



### Wet Room System Components



**Tuff Form® Wet Floor Former**  
As building block of the wet room system, the Tuff Form® Former is designed for superb strength, quality and ease of installation. Available in 9 sizes.



**Stainless Steel Drain Adaptor**  
Features a sleek, stainless steel grid cover that opens to assist in cleaning.



### Seamless Design

Curbsless design allows the showering area to blend effortlessly into the room, providing a modern, zero-threshold space that all can enjoy. The Tuff Form® System incorporates the principles of universal design to allow access for those of all ages and abilities. With a shower as attractive and stylish as one fitted with the Tuff Form® System, why not allow everyone to enjoy it?



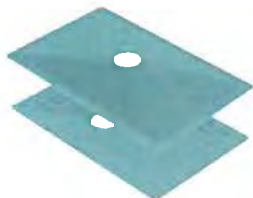
**Full Height Glass Shower Screens**  
Polished aluminum finish provides a contemporary touch. Available in wall mounted or free-standing models with the option to pair two screens together in various configurations.

## There's No Former Tougher than a Tuff Form® Former

The Tuff Form® Former is five times more durable than recycled plastic formers. Due to its rigidity, the former will not warp or deform in temperatures reached in a typical bathroom setting.

- Tasted to withold 560 lbs. (up to 1100 lbs. with additional crossbrace reinforcement)
- Tested in temperatures up to 200°F; perfect for radiant heat
- Made of solid Glass Reinforced Plastic (GRP) commonly used in cars, aircrafts and boats
- A proven product with +100,000 of installations worldwide

AKW's high-quality Tuff Form® Former products are backed with a limited lifetime warranty, excluding normal wear and tear, in general domestic applications. See product Warranty for details.



## Specifications

Tuff Form® Wet Floor Formers are extremely versatile allowing for endless possibilities.

- Formers can be placed in bathroom corners or alcoves
- The wet room system can be extended beyond the size of the former to increase the size of the showering area
- The offset drain location allows repositioning of former to avoid joists
- All formers can be cut to length within 6" of the drain to be installed with great versatility without losing the structural integrity

Dimensions	Handing	Code
35 <sup>1</sup> / <sub>2</sub> " x 35 <sup>1</sup> / <sub>2</sub> "	Non-handed	21000
39 <sup>3</sup> / <sub>8</sub> " x 39 <sup>3</sup> / <sub>8</sub> "	Non-handed	21008
44 <sup>3</sup> / <sub>4</sub> " x 30 <sup>1</sup> / <sub>4</sub> "	Non-handed	21012
47 <sup>1</sup> / <sub>4</sub> " x 47 <sup>1</sup> / <sub>4</sub> "	Non-handed	21018
51 <sup>1</sup> / <sub>8</sub> " x 32 <sup>1</sup> / <sub>4</sub> "	Non-handed	21027
55 <sup>1</sup> / <sub>8</sub> " x 35 <sup>1</sup> / <sub>2</sub> "	Non-handed	21028
<b>59" x 32<sup>1</sup>/<sub>4</sub>"</b>	Non-handed	<b>21038</b>
59" x 47 <sup>1</sup> / <sub>4</sub> "	Non-handed	21045
70 <sup>7</sup> / <sub>8</sub> " x 32 <sup>1</sup> / <sub>2</sub> "	Non-handed	21050

Code Compliances:



Tub Replacement Size



5390 260<sup>th</sup> Street  
Wyoming, MN 55092

T 888-548-3259  
F 651-462-1152

www.akw-usa.com  
sales@akw-usa.com



Tuff Form® | Wet Room System

# IDAHO PLUMBING BOARD

## Agenda Item No. 13 Sewer and Water Permit Fees (FIRST READING)

**PRESENTER:** Debbie Oberhofer, Board Member

---

**OBJECTIVE:** Increase the sewer and water permit fees.

---

**ACTION:** Informational

---

**BACKGROUND:** May 2014 – Currently, the permit fee for a sewer line and water line is \$38 each. The minimum fee for every other permit is \$65.

Board Member Oberhofer proposed IDAPA 07.02.03.12.b be changed to reflect \$65 for a sewer permit, \$65 for a water permit, and \$65 for both IF paid on the same permit, installed by one contractor, and inspected at the same time.

---

### **PROCEDURAL HISTORY:**

---

**ATTACHMENTS:** Proposed rule change to IDAPA 07.02.03.12.b

---



**IDAPA 07  
TITLE 02  
CHAPTER 03**

**07.02.03 - RULES GOVERNING PERMIT FEE SCHEDULE**

**000. LEGAL AUTHORITY.**

In accordance with Section 54-2605(1), Idaho Code, the Idaho Plumbing Board shall make, promulgate, and publish such rules as may be necessary for carrying out the provisions of this act in order to effectuate the purposes thereof and for the orderly and efficient administration thereof, and except as may be limited or prohibited by law and the provisions of this act, such rules so made and promulgated shall have the force of statute. (2-26-93)

**001. TITLE AND SCOPE.**

These rules shall be cited as IDAPA 07.02.03, "Rules Governing Permit Fee Schedule," Division of Building Safety. These rules prescribe the criteria for fee schedules for plumbing permits. (2-26-93)

**002. WRITTEN INTERPRETATIONS.**

This agency has no written interpretations of this chapter. (2-26-93)

**003. ADMINISTRATIVE APPEALS.**

This chapter does not provide for administrative relief of the provisions outlined herein. (2-26-93)

**004. -- 010. (RESERVED)**

**011. FEE SCHEDULE.**

**01. New Residential - Single Family Dwelling.** Includes all buildings with plumbing systems being constructed on each property.

<b>New Residential - Single-Family Dwelling</b>		
Up to 1,500 Square feet of living space	-	\$130
1,501 to 2,500 Square feet of living space	-	\$195
2,501 to 3,500 Square feet of living space	-	\$260
3,501 to 4,500 Square feet of living space	-	\$325
Over 4,500 Square feet of living space	-	\$325 plus \$65 for each additional 1,000 square feet or portion thereof

(4-9-09)

**02. New Residential - Multi-Family Dwellings.**

<b>New Residential - Multi-Family Dwellings</b>	
Duplex Apartment	- \$260

Three (3) or more Multi-family Units - \$130 per Building plus \$65 per Unit

(3-26-08)

**03. Existing Residential.** Sixty-five dollars (\$65) plus ten dollars (\$10) for each additional plumbing fixture being installed up to a maximum of the corresponding square footage of the residential building. (3-26-08)

**04. Other Installations Including Industrial and Commercial.** The inspection fees listed in this Section shall apply to any and all plumbing installations not specifically mentioned elsewhere in this schedule. The plumbing cost shall be the cost to the owner of all labor charges and all other costs that are incurred in order to complete the installation of any and all plumbing equipment and materials installed as part of the plumbing system. (3-26-08)

**a.** Plumbing system cost not exceeding ten thousand dollars (\$10,000): sixty dollars (\$60) plus two percent (2%) of the total plumbing system cost. (3-26-08)

**b.** Plumbing system cost over ten thousand dollars (\$10,000), but not exceeding one hundred thousand dollars (\$100,000): two hundred sixty dollars (\$260) plus one percent (1%) of the plumbing system cost exceeding ten thousand dollars (\$10,000). (3-26-08)

**c.** Plumbing system cost over one hundred thousand dollars (\$100,000): one thousand one hundred sixty dollars (\$1,160) plus one half of one percent (.5%) of the plumbing system cost exceeding one hundred thousand dollars (\$100,000). (3-26-08)

**d.** All fees calculated under this schedule must be calculated on the total plumbing cost of the job and this figure must be shown on the permit. (3-26-08)

**05. Requested Inspections.** A fee of sixty-five dollars (\$65) per hour or portion of an hour shall apply, with the requesting party responsible for all costs incurred in out-of-state travel. (3-26-08)

**06. Additional Fees and Re-Inspection Fees.** A fee of sixty-five dollars (\$65) per hour or portion of an hour shall apply to: (3-26-08)

**a.** Trips to inspect when: (3-26-08)

**i.** The submitter of the permit has given notice to the Division of Building Safety that the work is ready for inspection and it is not; or (3-26-08)

**ii.** If the submitter has not accurately identified the work location; or (3-26-08)

**iii.** If the inspector cannot gain access to make the inspection. (3-26-08)

**b.** Trips to inspect corrections required by the inspector as a result of the submitter improperly responding to a corrective notice. (3-26-08)

**c.** When corrections have not been made in the prescribed time, unless an extension has been requested and granted. (3-26-08)

**d.** No permit - failure to post or send permit and required fee in the prescribed time will, at the discretion of the Division, result in the assessment of a double fee. (3-26-08)

**07. Plan Checking Fee.** Sixty-five dollars (\$65) per hour or portion thereof. (3-26-08)

**08. Mobile Homes.** Each connection or re-connection to existing sewer and water stubs shall be sixty-five dollars (\$65). (3-26-08)

**09. Mobile Home Parks and/or RV Parks.** Sewer and water service lines in mobile home parks and RV parks shall be classed as commercial. NOTE: This does not include or permit the connection of the mobile home. See Subsection 011.04, of these rules. (7-11-89)

**10. Residential.** Lawn sprinklers shall be sixty-five dollars (\$65). (3-26-08)

**11. Water Conditioners.** Water conditioners shall be sixty-five dollars (\$65). (3-26-08)

**12. Sewer and Water Permit Fees.** Residential sewer and water service line fees shall apply to all new construction, installations, and replacements. (3-30-06)

**a.** Sewer and water permit fees for excavators or property owners shall be assessed at the same rate as residential or nonresidential based on the classification of the construction project. (3-30-06)

**b.** Residential sewer and water service lines installation permit fees will be assessed at the rate of ~~thirty-eight dollars (\$38)~~ sixty-five dollars (\$65) each or sixty-five dollars (\$65) for a combination of both if only one (1) inspection is required and the work is done by the same ~~individual~~ contractor or home owner as applicable. ( )

**13. Non-Residential.** Lawn sprinkler permit fees shall be calculated at the same rate as industrial and commercial plumbing installations. (3-26-08)

**14. Nonresidential Sewer and Water Service Lines Permit Fees.** If installed by someone other than the plumbing contractor of the building, fees shall be calculated at the same rate as industrial and commercial plumbing installations. (3-26-08)

**15. Technical Service Fee.** Sixty-five dollars (\$65) per hour for each hour or portion thereof. (3-26-08)

**16. Multipurpose Residential Fire Sprinkler and Domestic Water Supply System Fee.** The inspection fee for the installation of the fire sprinkler portion of a multipurpose residential fire sprinkler and domestic water supply system in a one (1)-family or two (2)-family residence shall be a minimum of sixty-five dollars (\$65) or four dollars (\$4) per fire sprinkler head, whichever is greater. (3-26-08)

**17. Gray Water Systems.** Gray water systems in residential occupancies shall be permitted at one hundred thirty dollars (\$130). (4-9-09)

**18. Reclaimed Water Systems.** Reclaimed water systems shall be calculated at the same rate as industrial and commercial installations in the same manner provided for in Subsection 011.04 of these rules. (4-9-09)

**012. -- 999. (RESERVED)**

# IDAHO PLUMBING BOARD

**Agenda Item No. 14**

**Unlicensed Employee**

**PRESENTER:** John Nielsen, Plumbing Program Manager

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**OBJECTIVE:** Provide clarification to Mr. Beevers statement.

---

**ACTION:** Informational

---

**BACKGROUND:** May 2014 – During testimony on his administrative appeals hearing for NOV PLB1403-0001, Donald Beevers stated his current employer of the past five years has been Integrity Plumbing.

A motion was made for Integrity Plumbing to appear before the Board; explaining the statement by Mr. Beevers.

---

**PROCEDURAL HISTORY:**

---

**ATTACHMENTS:** No documentation

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# IDAHO PLUMBING BOARD

## Agenda Item No. 15

## CWI Online Specialty Appliance Course

**PRESENTER:** John Nielsen, Plumbing Program Manager

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**OBJECTIVE:** Update Board on future program.

---

**ACTION:** Informational

---

**BACKGROUND:** May 2014 – The College of Western Idaho (CWI) has an online specialty appliance course ready to go live. Anyone with an internet connection will be able to take this course.

The Board agreed for the Plumbing Program Manager to review the online program; reporting his findings at the July meeting.

---

### **PROCEDURAL HISTORY:**

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**ATTACHMENTS:** Lesson Plan

---



## Appliance Specialty License Course Outline

### Lesson 1 (2 hours)

- Orientation
- 2009 UPC Download
- 2013 IDAPA Rules Download
- UPC Definitions
- UPC Chapter 1-Administration

### Lesson 2 (5 hours)

- IDAPA title 54
- Math-Volume and Area
- Volume and Area Fact Sheet
- UPC Definitions

### Lesson 3 (4 hours)

- IDAPA 07.02.03-05
- UPC Definitions

### Lesson 4 (7 hours)

- UPC Chapter 3-General Regulations)
- UPC Definitions

### Lesson 5 (14 hours)

- UPC Chapter 6-Water Supply
- UPC Definitions

### Lesson 6 (16 hours)

- UPC Chapter 5-Water Heaters
- Installations and Venting
- UPC Definitions
- Water Heater Weights-Essay
- Water Heater Repairs-Essay
- Water Heater Repair Video

### Lesson 7 (16 hours)

- UPC Chapter-Fuel Piping
- Fuel Pipe Sizing Quiz
- UPC Definitions
- Fuel Pipe Sizing Video

### Lesson 8 (4 hours)

- UPC Definitions
- WQA Document Downloads
- Quiz based upon WQA Downloads
- Video discussion of how a softener works.

### Course Exam (3hours)

# IDAHO PLUMBING BOARD

## Agenda Item No. 16

## Farm Buildings and Exemptions

**PRESENTER:** John Nielsen, Plumbing Program Manager

---

**OBJECTIVE:** Redefine the code on farm buildings and exemptions from public water or sewer system to potable water system or a public/private sewer system.

---

**ACTION:** Informational

---

**BACKGROUND:** May 2014 – The question was posed why farmers and farm buildings are exempt from all the rules with regard to permits, separation, safety issues, etc.

The Chairman requested DBS research the topic *Farm Buildings and Exemptions*; bringing further information to the July meeting.

---

### **PROCEDURAL HISTORY:**

---

**ATTACHMENTS:** Idaho Code § 54-2602

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## § 54-2602. Exceptions

(1) Certificate of competency requirements of this chapter shall not be deemed to apply to:

(a) Any person who does plumbing work in a single or duplex family dwelling, including accessory buildings, quarters and grounds in connection with such dwelling; provided that such person owns or is a contract purchaser of the premises, and provided further that such person shall comply with the minimum standards and rules applicable to plumbing practices provided by this chapter.

(b) Farm buildings located outside the incorporated limits of any city unless such buildings are connected to a ~~public~~ potable water system or a public/private sewer system; and a farm building is here-by defined to be a structure located on agricultural zoned property and designed and constructed to house farm implements, hay, grain, poultry, livestock or other horticultural products and includes sheds, barns, corrals, or fences. This definition does not include a place for human habitation or a place of regular employment where agricultural products are extracted, processed, treated, or packaged; a place used by the public; or conditioned livestock housing.

# IDAHO PLUMBING BOARD

## Agenda Item No. 17

## Plumbing Program Manager Report

**PRESENTER:** John Nielsen, Plumbing Program Manager

---

**OBJECTIVE:** Provide an update on the Plumbing program's current activities.

---

**ACTION:** Informational

---

**BACKGROUND:** This topic is addressed at all regularly scheduled Idaho Plumbing Board meetings.

---

### **PROCEDURAL HISTORY:**

---

**ATTACHMENTS:** No documentation

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# IDAHO PLUMBING BOARD

## Agenda Item No. 17a

## Testing

**PRESENTER:** Caria Nakano-Jensen, Program Specialist

---

**OBJECTIVE:** Update the Board on the Division's new license exams.

---

**ACTION:** Informational

---

**BACKGROUND:** May 2014 – As of today, there have been 36 individuals who have taken the Division's new plumbing license exams. Testing is available, Monday through Friday, at any of the Division's three office locations; Coeur d'Alene, Meridian or Pocatello.

Chairman Terrell requested a written report be included in all future board packets, and the topic *Testing* be addressed at all regularly scheduled Plumbing Board meetings.

---

## **PROCEDURAL HISTORY:**

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**ATTACHMENTS:** No documentation

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# IDAHO PLUMBING BOARD

**Agenda Item No. 18**

**Operational Report**

**PRESENTER:** Steve Keys, Deputy Administrator-Operations

---

**OBJECTIVE:** Provide an update on the daily operations of the Plumbing program and division.

---

**ACTION:** Informational

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**BACKGROUND:** This topic is addressed at all regularly scheduled Idaho Plumbing Board meetings.

---

**PROCEDURAL HISTORY:**

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**ATTACHMENTS:** No documentation

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