

**Board of High Pressure Piping Systems
Meeting Minutes
Thursday, January 8, 2015 – 10:00 a.m.
Minnesota Room – Department of Labor and Industry
443 Lafayette Road North, St. Paul, MN 55155**

Members Present

Larry Stevens Jr. (Chair)
Mark Kincs
Jim Andrie
Chris Savage
Mark Geisenhoff
Vicki Sandberg
Dave Carlson
Marit Brock
Russ Scherber
Todd Green
Tim Daugherty
Bob Bastianelli

Members Absent

Mark Slagle

DLI Staff & Visitors

Bill Bierman (DLI)
Suzanne Todnem (DLI)
Lyndy Lutz (DLI)
Roger Thein (St. Paul Pipefitters
JATC)
Gary Thaden (MMCA)

I. Call to Order

The meeting was called to order at 10:00 a.m. by Chair Stevens. Housekeeping announcements were made and a quorum was met. Member expiration dates and application for re-appointments were discussed.

II. Approval of Meeting Agenda

A motion was made by Bastianelli, seconded by Sandberg, to approve the agenda as presented. The vote was unanimous; the motion carried.

III. Approval of Previous Meeting Minutes

A motion was made by Carlson, seconded by Daugherty, to approve the October 9, 2014, HPPS Board meeting minutes. The vote was unanimous; the motion carried.

IV. Regular Business

A. Minnesota High Pressure Piping Code

1. The American Society of Mechanical Engineers (ASME) address in the rule – Bierman provided an update

The code adoption amendments that were approved by the Board were published in the State Register, along with the Dual Notice of the Board's intent to adopt, on Nov. 7, 2014. The comment period or hearing requests ended on Dec. 17, 2014 with no hearing requests and only one

comment from ASME and he referred to the ASME letter dated Dec. 10, 2014 (see Attachment A). Bierman noted that ASME's address changed and added that the Resolution previously signed by the Chair to continue with Rulemaking didn't give authority to change the rule, which would include address changes; therefore, Bierman recommended signing a new Resolution to simply change the ASME address from Three Park Avenue, New York, New York to Two Park Avenue, New York, New York. This change is noted in the rule, the Governor will be notified so he has a chance to revisit it and there will also be a review by an Administrative Law Judge.

Bierman recommended having Chair Stevens sign an amended Resolution (see Attachment B) to reflect the ASME address change. The Board was directed to review the changes as shown in the Revisor's Rule Drafts dated 9/23/2014 (see Attachment C) and 12/29/2014 (see Attachment D).

A motion was made by Bastianelli, seconded by Savage, to authorize and direct Chair Stevens to sign the new Resolution dated January 8, 2015, that reflects The American Society of Mechanical Engineers (ASME) address change from Two Park Avenue to Three Park Avenue. The vote was unanimous (12 of 12 voting members); the motion carried.

- B. Licensing – no discussion
- C. Continuing Education – no discussion

V. Special Business

Nothing

VI. Complaints

Nothing brought forth.

VII. Open Forum

Nothing brought forth.

VIII. Board Discussion

- Green noted that the rulemaking process began in November 2013 with proposed adoption of the 2012 codes and referred to ASME's comment regarding potential adoption of the 2014 edition in lieu of 2012. All the codes lined up on a 2012 date with minimal changes from 2014 to 2012; therefore, there was no need to change to the 2014 edition. Currently the department is looking to a 6-year cycle for all codes; however, important changes will be reviewed sooner if necessary.
 - B31.1 code published August 2014, effective date of February 2015
 - BPE code published October 2014, effective date of spring 2015

- Green stated that there may be a proposal going forward that includes a 25% reduction in licensing fees.
- e-TRAKiT 3 launches January 29, 2015 for Electrical and High Pressure Piping Systems. Elevator and Boiler installations will follow two weeks later. Building Plan Review and Plumbing Plan Review will be forthcoming later in 2015 and electronic permitting applications becoming available as well.

IX. Announcements

A. Next Regularly Scheduled Meetings

1. Thursday, April 9, 2015 at 10:00 am – Minnesota Room, DLI
2. Thursday, July 9, 2015 at 10:00 am – Minnesota Room, DLI
3. Thursday, October 8, 2015 at 10:00 am – Minnesota Room, DLI

X. Adjournment

A motion was made by Andrie, seconded by Carlson, to adjourn. The vote was unanimous; the motion carried. The meeting adjourned at 10:33 a.m.

Respectfully Submitted,

Robert Bastianelli

Robert Bastianelli
Secretary



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U.S.A.

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STANDARDS & CERTIFICATION

December 10, 2014

Lyndy Lutz
Project Analyst
Construction Codes & Licensing Division
State of Minnesota
lyndy.lutz@state.mn.us

Subject: Proposed Amendment to Rules Governing the Minnesota High Pressure Piping Systems Code

Dear Ms. Lutz:

On behalf of ASME I thank you for the notice dated November 4, 2014 from Mr. Larry Stevens Jr., and would like to offer the following suggested changes to the proposed amendments to Rules Governing the Minnesota High Pressure Piping Systems Code, Chapter 5230.

Regarding sections 5230.0220 subpart 1, 5230.0260, 5230.0265, 5230.5001 Subpart 2, and 5230.5920 subpart 2:

The rules note ASME's address as Three Park Avenue, New York, New York 10016. Please be advised that ASME's new address is Two Park Avenue, New York, New York 10016.

Regarding section 5230.0220 subpart 1:

There is a proposed revision to the rules to reference the 2012 edition of the Bioprocessing Equipment Standard. We would like to advise that the latest edition of the standard is the 2014 edition and recommend the review of the standard for possible referencing.

Regarding section 5230.0265:

There is a proposed revision to the rules to reference the 2012 edition of the Power Piping Standard. We would like to advise that the latest edition of the standard is the 2014 edition and recommend the review of the standard for possible referencing.

Please be advised that we are willing to provide copies of the noted standards for review. We thank you for your consideration, and please feel free to contact the undersigned for any additional information you may need.

Respectfully,

A handwritten signature in black ink, appearing to read "G M Eisenberg", enclosed in a thin black rectangular border.

Gerald M. Eisenberg
Director, Pressure Technology
Codes & Standards-ASME
2 Park Avenue, 6th Floor
New York, NY 10016-5990
Tel 1.212.591.8510
eisenbergg@asme.org

cc: William Berger; Managing Director, Standards, SD&T

Minnesota Board of High Pressure Piping Systems

CERTIFICATE OF THE MINNESOTA BOARD OF HIGH PRESSURE PIPING SYSTEMS AUTHORIZING RESOLUTION

Proposed Permanent Rules Governing the Minnesota High Pressure Piping Code, Minnesota Rules, Chapter 5230, Revisor R-14253, OAH 11-1900-31930

I, Larry Stevens, Jr., certify that I am a member and the Chair of the Board of High Pressure Piping Systems, a Board authorized under the laws of the State of Minnesota; that the following is a true, complete, and correct copy of a resolution that the Board of High Pressure Piping Systems adopted at a properly convened meeting on January 8, 2015, that 12 voting members were present, and that 12 members voted for the resolution, which has not been rescinded or modified. The Board resolved the following:

1. The Chair of the Board of High Pressure Piping Systems, is authorized and directed to amend Revisor of Statutes draft, file number RD4253, dated 09/23/14, identified as Proposed Permanent Rules Governing High Pressure Piping to replace ASME's previous address, "ASME Three Park Avenue, New York, New York 10016" with ASME's current Address, "ASME Two Park Avenue, New York, New York 10016" as reflected in AR-4253 dated 12/29/14, identified as Adopted Permanent Rules Governing the Minnesota High Pressure Piping Code.

January 8, 2015

Larry Stevens, Jr., Chair
Minnesota Board of High Pressure Piping Systems

09/23/14

REVISOR

SS/NB

RD4253

1.1 **Board of High Pressure Piping Systems**1.2 **Proposed Permanent Rules Governing High Pressure Piping Systems**1.3 **5230.0005 DEFINITIONS.**1.4 [For text of subps 1 to 15, see M.R.]

1.5 Subp. 15a. **Registered unlicensed individual.** "Registered unlicensed individual"
 1.6 means an individual who is:

1.7 A. employed in the trade of the practical construction and installation of high
 1.8 pressure piping and appurtenances by a licensed high pressure piping business; and

1.9 B. registered with the department under part 5230.0035.

1.10 [For text of subps 16 and 17, see M.R.]1.11 **5230.0220 BIOPROCESS PIPING.**

1.12 Subpart 1. **ASME BPE.** All bioprocess piping must meet the requirements of ASME
 1.13 BPE. For purposes of this chapter, "ASME BPE" means the ~~2005~~ 2012 edition of the
 1.14 Bioprocessing Equipment Standard adopted and published by ASME, Three Park Avenue,
 1.15 New York, New York 10016. ASME BPE is incorporated by reference and made part of
 1.16 the code for high pressure piping systems. ASME BPE is not subject to frequent change
 1.17 and a copy of ASME BPE is available in the office of the commissioner of labor and
 1.18 industry and at the State Law Library, 25 Rev. Dr. Martin Luther King Jr. Blvd., Saint
 1.19 Paul, Minnesota 55155.

1.20 [For text of subp 2, see M.R.]1.21 **5230.0260 SCOPE.**

1.22 Valves, fittings, and piping for boilers, as prescribed in the ASME Code for Power
 1.23 Boilers, are within the scope for this code but provisions of the ASME Code for Power
 1.24 Boilers shall govern where they exceed corresponding requirements of this code. For
 1.25 purposes of this chapter, "ASME Code for Power Boilers" means the ~~2007~~ 2013 edition

2.1 of the ASME Boiler and Pressure Vessel Code, section I, as adopted and published by
2.2 ASME, Three Park Avenue, New York, New York 10016. The ASME Code for Power
2.3 Boilers is incorporated by reference in the code for steam or heating media piping
2.4 systems. The ASME Code for Power Boilers is not subject to frequent change, and a copy
2.5 is available in the office of the commissioner of labor and industry and at the State Law
2.6 Library, 25 Rev. Dr. Martin Luther King Jr. Blvd., Saint Paul, Minnesota 55155.

2.7 Economizers, heaters, tanks, and other pressure vessels are outside the scope of this
2.8 code, but connecting piping shall conform to the requirements herein specified.

2.9 **5230.0265 ADOPTION OF ASME B31.1 BY REFERENCE.**

2.10 For purposes of this chapter, "ASME B31.1" means the ~~2007 revision~~ 2012 edition of
2.11 the standard for power piping, as approved and published by ASME, Three Park Avenue,
2.12 New York, New York 10016. ASME B31.1 is incorporated by reference and made part of
2.13 the code for steam or heating media piping systems, except as amended in this chapter.
2.14 Portions of this chapter reproduce text from ASME B31.1. ASME B31.1 is not subject to
2.15 frequent change and a copy of ASME B31.1 is available in the office of the commissioner of
2.16 labor and industry and at the State Law Library, 25 Rev. Dr. Martin Luther King Jr. Blvd.,
2.17 Saint Paul, Minnesota 55155. ASME B31.1 is copyright by ASME. All rights reserved.

2.18 **5230.0275 CHAPTER I, SCOPE AND DEFINITIONS.**

2.19 Subpart 1. Section 100.1.2. The first paragraph of part (A) of ASME B31.1, section
2.20 100.1.2 is amended to read as follows:

2.21 (A) This code covers boiler external piping as defined below for power boilers and
2.22 high temperature, high pressure water boilers in which: steam or vapor is generated at a
2.23 pressure of more than 15 p.s.i. gauge; and high temperature water or other medium used
2.24 for heating is generated at pressures exceeding 30 p.s.i. gauge and temperatures exceeding
2.25 250 degrees Fahrenheit (120 degrees Celsius).

3.1 Subp. 2. Section 100.1.3. Subparagraph (F) of ASME B31.1, section 100.1.3,
3.2 is deleted.

3.3 **5230.5001 INCORPORATIONS BY REFERENCE.**

3.4 Subpart 1. **ANSI/IIAR 2.** For purposes of this chapter, "ANSI/IIAR 2" means the
3.5 2008 revision with addendums A and B of the standard for Equipment, Design, and
3.6 Installation of Closed-Circuit Ammonia Mechanical Refrigerating Systems, as approved
3.7 by the American National Standards Institute and as published by the International
3.8 Institute of Ammonia Refrigeration, 1110 North Glebe Road, Suite 250, Arlington,
3.9 Virginia 22201. ANSI/IIAR 2 is incorporated by reference and made part of the code
3.10 for ammonia refrigeration systems, except as amended in this chapter. Portions of this
3.11 chapter reproduce text from ANSI/IIAR 2. ANSI/IIAR 2 is not subject to frequent change
3.12 and a copy of ANSI/IIAR 2 is available in the office of the commissioner of labor and
3.13 industry and at the State Law Library, 25 Rev. Dr. Martin Luther King Jr. Blvd., Saint
3.14 Paul, Minnesota 55155. ANSI/IIAR 2 is copyrighted by the International Institute of
3.15 Ammonia Refrigeration. All rights reserved.

3.16 Subp. 2. **ASME B31.5.** For purposes of this chapter, "ASME B31.5" means the
3.17 ~~2006~~ 2013 revision of the standard for ammonia refrigeration piping as approved and
3.18 published by ASME, Three Park Avenue, New York, New York 10016. ASME B31.5 is
3.19 incorporated by reference and made part of the code for ammonia refrigeration piping.
3.20 ASME B31.5 is not subject to frequent change and a copy of ASME B31.5 is available in
3.21 the office of the commissioner of labor and industry and at the State Law Library, 25 Rev.
3.22 Dr. Martin Luther King Jr. Blvd., Saint Paul, Minnesota 55155.

3.23 **5230.5007 SECTION 11, OVERPRESSURE PROTECTION DEVICES.**

3.24 [For text of subps 1 to 3, see M.R.]

3.25 Subp. 4. Section 11.3.3. ANSI/IIAR 2, section 11.3.3 of addendum A, is amended
3.26 to read as follows:

4.1 11.3.3. The discharge piping from pressure relieving devices to atmosphere
4.2 shall be a minimum schedule 40 steel for all pipe sizes.

4.3 **5230.5920 QUALIFICATION OF WELDING PROCEDURES, WELDERS, AND**
4.4 **WELDING OPERATORS.**

4.5 [For text of subp 1, see M.R.]

4.6 Subp. 2. **Incorporation by reference.** For purposes of this chapter, "ASME section
4.7 IX" means the ~~2007 revision~~ 2013 edition of section IX of the Boiler and Pressure Vessel
4.8 Code, as approved and published by ASME, Three Park Avenue, New York, New York
4.9 10016. ASME section IX is incorporated by reference and made a part of this chapter.
4.10 ASME section IX is not subject to frequent change. A copy of ASME section IX is
4.11 available in the office of the commissioner of labor and industry and at the State Law
4.12 Library, 25 Rev. Dr. Martin Luther King Jr. Blvd., Saint Paul, Minnesota 55155.

4.13 [For text of subps 3 to 9, see M.R.]

Office of the Revisor of Statutes

Administrative Rules



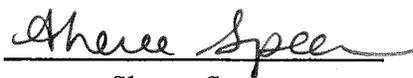
TITLE: Proposed Permanent Rules Governing High Pressure Piping Systems

AGENCY: Board of High Pressure Piping Systems

MINNESOTA RULES: Chapter 5230

INCORPORATIONS BY REFERENCE: [See attached]

The attached rules are approved for
publication in the State Register



Sheree Speer
Senior Assistant Revisor

INCORPORATIONS BY REFERENCE:

Part 5230.0220, subpart 1: ASME BPE, 2012 edition of the Bioprocessing Equipment Standard adopted and published by ASME, Three Park Avenue, New York, New York 10016. ASME BPE is incorporated by reference and made part of the code for high pressure piping systems. ASME BPE is not subject to frequent change and is available in the office of the commissioner of labor and industry and at the State Law Library, 25 Rev. Dr. Martin Luther King Jr. Blvd., Saint Paul, Minnesota 55155.

Part 5230.0260: ASME Code for Power Boilers, 2013 edition of the ASME Boiler and Pressure Vessel Code, section I, as adopted and published by ASME, Three Park Avenue, New York, New York 10016. The ASME Code for Power Boilers is incorporated by reference in the code for steam or heating media piping systems. The ASME Code for Power Boilers is not subject to frequent change and is available in the office of the commissioner of labor and industry and at the State Law Library, 25 Rev. Dr. Martin Luther King Jr. Blvd., Saint Paul, Minnesota 55155.

Part 5230.0265: ASME B31.1, 2012 edition of the standard for power piping, as approved and published by ASME, Three Park Avenue, New York, New York 10016. ASME B31.1 is incorporated by reference and made part of the code for steam or heating media piping systems, except as amended in this chapter. Portions of this chapter reproduce text from ASME B31.1. ASME B31.1 is not subject to frequent change and is available in the office of the commissioner of labor and industry and at the State Law Library, 25 Rev. Dr. Martin Luther King Jr. Blvd., Saint Paul, Minnesota 55155. ASME B31.1 is copyright by ASME. All rights reserved.

Part 5230.5001, subpart 1: ANSI/IIAR 2, 2008 revision with addendums A and B of the standard for Equipment, Design, and Installation of Closed-Circuit Ammonia Mechanical Refrigerating Systems, as approved by the American National Standards Institute and as published by the International Institute of Ammonia Refrigeration, 1110 North Glebe Road, Suite 250, Arlington, Virginia 22201. ANSI/IIAR 2 is incorporated by reference and made part of the code for ammonia refrigeration systems, except as amended in this chapter. Portions of this chapter reproduce text from ANSI/IIAR 2. ANSI/IIAR 2 is not subject to frequent change and is available in the office of the commissioner of labor and industry and at the State Law Library, 25 Rev. Dr. Martin Luther King Jr. Blvd., Saint Paul, Minnesota 55155. ANSI/IIAR 2 is copyrighted by the International Institute of Ammonia Refrigeration. All rights reserved.

Part 5230.5001, subpart 2: ASME B31.5, 2006 2013 revision of the standard for ammonia refrigeration piping as approved and published by ASME, Three Park Avenue, New York, New York 10016. ASME B31.5 is incorporated by reference and made part of the code for ammonia refrigeration piping. ASME B31.5 is not subject to frequent change and is available in the office of the commissioner of labor and industry and at the State Law Library, 25 Rev. Dr. Martin Luther King Jr. Blvd., Saint Paul, Minnesota 55155.

Part 5230.5920, subpart 2: ASME section IX, 2013 edition of section IX of the Boiler and Pressure Vessel Code, as approved and published by ASME, Three Park Avenue, New York, New York 10016. ASME section IX is incorporated by reference and made a part of this chapter. ASME section IX is not subject to frequent change and is available in the office of the

commissioner of labor and industry and at the State Law Library, 25 Rev. Dr. Martin Luther King Jr. Blvd., Saint Paul, Minnesota 55155.

12/29/14

REVISOR

SS/PT

AR4253

1.1 **Board of High Pressure Piping Systems**

1.2 **Adopted Permanent Rules Governing High Pressure Piping Systems**

1.3 **5230.0005 DEFINITIONS.**

1.4 [For text of subps 1 to 15, see M.R.]

1.5 Subp. 15a. **Registered unlicensed individual.** "Registered unlicensed individual"
1.6 means an individual who is:

1.7 A. employed in the trade of the practical construction and installation of high
1.8 pressure piping and appurtenances by a licensed high pressure piping business; and

1.9 B. registered with the department under part 5230.0035.

1.10 [For text of subps 16 and 17, see M.R.]

1.11 **5230.0220 BIOPROCESS PIPING.**

1.12 Subpart 1. **ASME BPE.** All bioprocess piping must meet the requirements of
1.13 ASME BPE. For purposes of this chapter, "ASME BPE" means the 2012 edition of the
1.14 Bioprocessing Equipment Standard adopted and published by ASME, ~~Three~~ Two Park
1.15 Avenue, New York, New York 10016. ASME BPE is incorporated by reference and made
1.16 part of the code for high pressure piping systems. ASME BPE is not subject to frequent
1.17 change and a copy of ASME BPE is available in the office of the commissioner of labor
1.18 and industry and at the State Law Library, 25 Rev. Dr. Martin Luther King Jr. Blvd., Saint
1.19 Paul, Minnesota 55155.

1.20 [For text of subp 2, see M.R.]

1.21 **5230.0260 SCOPE.**

1.22 Valves, fittings, and piping for boilers, as prescribed in the ASME Code for Power
1.23 Boilers, are within the scope for this code but provisions of the ASME Code for Power
1.24 Boilers shall govern where they exceed corresponding requirements of this code. For
1.25 purposes of this chapter, "ASME Code for Power Boilers" means the 2013 edition of

2.1 the ASME Boiler and Pressure Vessel Code, section I, as adopted and published by
2.2 ASME, ~~Three~~ Two Park Avenue, New York, New York 10016. The ASME Code for
2.3 Power Boilers is incorporated by reference in the code for steam or heating media piping
2.4 systems. The ASME Code for Power Boilers is not subject to frequent change and a copy
2.5 is available in the office of the commissioner of labor and industry and at the State Law
2.6 Library, 25 Rev. Dr. Martin Luther King Jr. Blvd., Saint Paul, Minnesota 55155.

2.7 Economizers, heaters, tanks, and other pressure vessels are outside the scope of this
2.8 code, but connecting piping shall conform to the requirements herein specified.

2.9 **5230.0265 ADOPTION OF ASME B31.1 BY REFERENCE.**

2.10 For purposes of this chapter, "ASME B31.1" means the 2012 edition of the standard for
2.11 power piping, as approved and published by ASME, ~~Three~~ Two Park Avenue, New York,
2.12 New York 10016. ASME B31.1 is incorporated by reference and made part of the code for
2.13 steam or heating media piping systems, except as amended in this chapter. Portions of this
2.14 chapter reproduce text from ASME B31.1. ASME B31.1 is not subject to frequent change
2.15 and a copy of ASME B31.1 is available in the office of the commissioner of labor and
2.16 industry and at the State Law Library, 25 Rev. Dr. Martin Luther King Jr. Blvd., Saint
2.17 Paul, Minnesota 55155. ASME B31.1 is copyright by ASME. All rights reserved.

2.18 **5230.0275 CHAPTER I, SCOPE AND DEFINITIONS.**

2.19 Subpart 1. **Section 100.1.2.** The first paragraph of part (A) of ASME B31.1, section
2.20 100.1.2 is amended to read as follows:

2.21 (A) This code covers boiler external piping as defined below for power boilers and
2.22 high temperature, high pressure water boilers in which: steam or vapor is generated at a
2.23 pressure of more than 15 p.s.i. gauge; and high temperature water or other medium used
2.24 for heating is generated at pressures exceeding 30 p.s.i. gauge and temperatures exceeding
2.25 250 degrees Fahrenheit (120 degrees Celsius).

3.1 Subp. 2. **Section 100.1.3.** Subparagraph (F) of ASME B31.1, section 100.1.3,
3.2 is deleted.

3.3 **5230.5001 INCORPORATIONS BY REFERENCE.**

3.4 Subpart 1. **ANSI/IIAR 2.** For purposes of this chapter, "ANSI/IIAR 2" means the
3.5 2008 revision with addendums A and B of the standard for Equipment, Design, and
3.6 Installation of Closed-Circuit Ammonia Mechanical Refrigerating Systems, as approved
3.7 by the American National Standards Institute and as published by the International
3.8 Institute of Ammonia Refrigeration, 1110 North Glebe Road, Suite 250, Arlington,
3.9 Virginia 22201. ANSI/IIAR 2 is incorporated by reference and made part of the code
3.10 for ammonia refrigeration systems, except as amended in this chapter. Portions of this
3.11 chapter reproduce text from ANSI/IIAR 2. ANSI/IIAR 2 is not subject to frequent change
3.12 and a copy of ANSI/IIAR 2 is available in the office of the commissioner of labor and
3.13 industry and at the State Law Library, 25 Rev. Dr. Martin Luther King Jr. Blvd., Saint
3.14 Paul, Minnesota 55155. ANSI/IIAR 2 is copyrighted by the International Institute of
3.15 Ammonia Refrigeration. All rights reserved.

3.16 Subp. 2. **ASME B31.5.** For purposes of this chapter, "ASME B31.5" means the
3.17 2013 revision of the standard for ammonia refrigeration piping as approved and published
3.18 by ASME, ~~Three~~ Two Park Avenue, New York, New York 10016. ASME B31.5 is
3.19 incorporated by reference and made part of the code for ammonia refrigeration piping.
3.20 ASME B31.5 is not subject to frequent change and a copy of ASME B31.5 is available in
3.21 the office of the commissioner of labor and industry and at the State Law Library, 25 Rev.
3.22 Dr. Martin Luther King Jr. Blvd., Saint Paul, Minnesota 55155.

3.23 **5230.5007 SECTION 11, OVERPRESSURE PROTECTION DEVICES.**

3.24 [For text of subps 1 to 3, see M.R.]

3.25 Subp. 4. **Section 11.3.3.** ANSI/IIAR 2, section 11.3.3 of addendum A, is amended
3.26 to read as follows:

