

Proposed Rules

Comments on Planned Rules or Rule Amendments. An agency must first solicit Comments on Planned Rules or Comments on Planned Rule Amendments from the public on the subject matter of a possible rulemaking proposal under active consideration within the agency (*Minnesota Statutes* §§ 14.101). It does this by publishing a notice in the *State Register* at least 60 days before publication of a notice to adopt or a notice of hearing, and within 60 days of the effective date of any new statutory grant of required rulemaking.

Rules to be Adopted After a Hearing. After receiving comments and deciding to hold a public hearing on the rule, an agency drafts its rule. It then publishes its rules with a notice of hearing. All persons wishing to make a statement must register at the hearing. Anyone who wishes to submit written comments may do so at the hearing, or within five working days of the close of the hearing. Administrative law judges may, during the hearing, extend the period for receiving comments up to 20 calendar days. For five business days after the submission period the agency and interested persons may respond to any new information submitted during the written submission period and the record then is closed. The administrative law judge prepares a report within 30 days, stating findings of fact, conclusions and recommendations. After receiving the report, the agency decides whether to adopt, withdraw or modify the proposed rule based on consideration of the comments made during the rule hearing procedure and the report of the administrative law judge. The agency must wait five days after receiving the report before taking any action.

Rules to be Adopted Without a Hearing. Pursuant to *Minnesota Statutes* § 14.22, an agency may propose to adopt, amend, suspend or repeal rules without first holding a public hearing. An agency must first solicit **Comments on Planned Rules** or **Comments on Planned Rule Amendments** from the public. The agency then publishes a notice of intent to adopt rules without a public hearing, together with the proposed rules, in the *State Register*. If, during the 30-day comment period, 25 or more persons submit to the agency a written request for a hearing of the proposed rules, the agency must proceed under the provisions of §§ 14.1414.20, which state that if an agency decides to hold a public hearing, it must publish a notice of intent in the *State Register*.

KEY: Proposed Rules - Underlining indicates additions to existing rule language. ~~Strikeouts~~ indicate deletions from existing rule language. If a proposed rule is totally new, it is designated “all new material.” **Adopted Rules** - Underlining indicates additions to proposed rule language. ~~Strikeout~~ indicates deletions from proposed rule language.

Board of High Pressure Piping Systems

Proposed Permanent Rules Adopting High Pressure Piping Regulations; DUAL NOTICE: Notice of Intent to Adopt Rules Without a Public Hearing Unless 25 or More Persons Request a Hearing, and Notice of Hearing if 25 or More Requests for Hearing Are Received; Revisor’s ID Number RD4472

Proposed Permanent Rules Governing High Pressure Piping Systems, *Minnesota Rules*, Chapter 5230

Introduction. The Board of High Pressure Piping Systems (“Board”) intends to adopt rules without a public hearing following the procedures in the rules of the Office of Administrative Hearings, *Minnesota Rules*, parts 1400.2300 to 1400.2310, and the Administrative Procedure Act, *Minnesota Statutes*, sections 14.22 to 14.28. If, however, 25 or more persons submit a written request for a hearing on the rules by 4:30 p.m. on Wednesday, March 7, 2018 the Board will hold a public hearing in the Minnesota Room, Minnesota Department of Labor and Industry, 443 Lafayette Rd. N., St. Paul, Minnesota 55155, starting at 9:30 a.m. on Thursday, March 22, 2018. To find out whether the Board will adopt the rules without a hearing or if it will hold the hearing, you should contact the agency contact person after March 7, 2018 and before March 22, 2018.

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Agency Contact Person. Submit any comments or questions on the rules or written requests for a public hearing to the agency contact person. The agency contact person is:

Ethan Landy
Board of High Pressure Piping Systems
c/o Minnesota Department of Labor and Industry,
443 Lafayette Rd. N.,
St. Paul, Minnesota 55155,
Phone: 651-284-5302
Fax: 651-284-5725
Email: dli.rules@state.mn.us

You may also review the proposed rule and submit written comments via the Office of Administrative Hearings Rulemaking e-comments website at <https://minnesotaoah.granicusideas.com/discussions>.

Subject of Rules and Statutory Authority. The proposed rules are about High Pressure Piping Systems. Specifically, the Board proposed to incorporate by referenced updated national codes and engineering standards regarding high pressure steam and other heating media piping, ammonia refrigeration piping, bioprocess piping, and the welding requirements for these high pressure piping systems. The statutory authority to adopt the rules is *Minnesota Statutes*, section 326B.925, subdivision 2(a), clause 3. A copy of the proposed rules is published in the *State Register* and attached to this notice as mailed.

Comments. You have until 4:30 p.m. on Wednesday, March 7, 2018, to submit written comment in support of or in opposition to the proposed rules or any part or subpart of the rules. Your comment must be in writing and received by the agency contact person or submitted via the Office of Administrative Hearings e-comments website by the due date. Comment is encouraged. Your comments should identify the portion of the proposed rules addressed, the reason for the comment, and any change proposed. You are encouraged to propose any change that you desire. Any comments that you have about the legality of the proposed rules must also be made during this comment period.

Request for a Hearing. In addition to submitting comments, you may also request that the Board hold a hearing on the rules. You must make your request for a public hearing in writing, which the agency contact person or e-comments website must receive by 4:30 p.m. on Wednesday, March 7, 2018. You must include your name and address in your written request. In addition, you must identify the portion of the proposed rules that you object to or state that you oppose the entire set of rules. Any request that does not comply with these requirements is not valid and the Board cannot count it when determining whether it must hold a public hearing. You are also encouraged to state the reason for the request and any changes you want made to the proposed rules.

Withdrawal of Requests. If 25 or more persons submit a valid written request for a hearing, the Board will hold a public hearing unless a sufficient number of persons withdraw their requests in writing. If enough requests for hearing are withdrawn to reduce the number below 25, the Board must give written notice of this to all persons who requested a hearing, explain the actions the Board took to effect the withdrawal, and ask for written comments on this action. If a public hearing is required, the Board will follow the procedures in *Minnesota Statutes*, sections 14.131 to 14.20.

Alternative Format/Accommodation. Upon request, this information can be made available in an alternative format, such as large print, braille, or audio. To make such a request or if you need an accommodation to make this hearing accessible, please contact the agency contact person at the address or telephone number listed above.

Modifications. The Board might modify the proposed rules, either as a result of public comment or as a result of the rule hearing process. It must support modifications by data and views submitted to the Board or presented at the hearing. The adopted rules may not be substantially different than these proposed rules unless the Board follows the procedure under *Minnesota Rules*, part 1400.2110. If the proposed rules affect you in any way, the Board encourages you to participate in the rulemaking process.

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Cancellation of Hearing. The Board will cancel the hearing scheduled for March 22, 2018, it does not receive requests for a hearing from 25 or more persons. If you requested a public hearing, the Board will notify you before the scheduled hearing whether the hearing will be held. You may also call the agency contact person at 651-284-5302 after March 7, 2018 or go online at <http://www.dli.mn.gov/PDF/docket/5230docket-ref.pdf> to find out whether the hearing will be held.

Notice of Hearing. If 25 or more persons submit valid written requests for a public hearing on the rules, the Board will hold a hearing following the procedures in *Minnesota Statutes*, sections 14.131 to 14.20. The Board will hold the hearing on the date and at the time and place listed above. The hearing will continue until all interested persons have been heard. Administrative Law Judge Jessica Palmer-Denig is assigned to conduct the hearing. Judge Palmer-Denig can be reached at the Office of Administrative Hearings, 600 North Robert Street, P.O. Box 64620, Saint Paul, Minnesota 55164-0620, telephone (651) 361-7875, and fax (651) 539-0310.

Hearing Procedure. If the Board holds a hearing, you and all interested or affected persons, including representatives of associations or other interested groups, will have an opportunity to participate. You may present your views either orally at the hearing or in writing at any time before the hearing record closes. All evidence presented should relate to the proposed rules. You may also submit written material to the Administrative Law Judge to be recorded in the hearing record for five working days after the public hearing ends. At the hearing the Administrative Law Judge may order that this five-day comment period is extended for a longer period but not more than 20 calendar days. Following the comment period, there is a five-working-day rebuttal period when the Board and any interested person may respond in writing to any new information submitted. No one may submit **new** evidence during the five-day rebuttal period. The Office of Administrative Hearings must receive all comments and responses submitted to the Administrative Law Judge **via the Office of Administrative Hearings Rulemaking e-comments website at <https://minnesotaoah.granicusideas.com/discussions>** no later than 4:30 p.m. on the due date. All comments or responses received will be available for review **at the Minnesota Department of Labor and Industry or on <http://www.dli.mn.gov/PDF/docket/5230docket-ref.pdf>**. This rule hearing procedure is governed by *Minnesota Rules*, parts 1400.2000 to 1400.2240, and *Minnesota Statutes*, sections 14.131 to 14.20. You may direct questions about the procedure to the Administrative Law Judge.

The Board requests that any person submitting written views or data to the Administrative Law Judge before the hearing or during the comment or rebuttal period also submit a copy of the written views or data to the agency contact person at the address stated above.

Statement of Need and Reasonableness. The statement of need and reasonableness summarizes the justification for the proposed rules, including a description of who will be affected by the proposed rules and an estimate of the probable cost of the proposed rules. It is now available from the agency contact person. You may review or obtain copies for the cost of reproduction by contacting the agency contact person. It is also available electronically at <http://www.dli.mn.gov/PDF/docket/5230docket-ref.pdf>.

Lobbyist Registration. *Minnesota Statutes*, chapter 10A, requires each lobbyist to register with the State Campaign Finance and Public Disclosure Board. Ask any questions about this requirement of the Campaign Finance and Public Disclosure Board at: Suite #190, Centennial Building, 658 Cedar Street, St. Paul, Minnesota 55155, telephone (651) 539-1180 or 1-800-657-3889.

Adoption Procedure if No Hearing. If no hearing is required, the Board may adopt the rules after the end of the comment period. The Board will submit the rules and supporting documents to the Office of Administrative Hearings for a legal review. You may ask to be notified of the date the rules are submitted to the office. If you want either to receive notice of this or to receive a copy of the adopted rules, submit your request to the agency contact person listed above. To register with the Board to receive notice of future rule proceedings, sign up at <http://www.dli.mn.gov/Rulemaking.asp>.

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Adoption Procedure after a Hearing. If a hearing is held, after the close of the hearing record, the Administrative Law Judge will issue a report on the proposed rules. You may ask to be notified of the date that the Administrative Law Judge's report will become available, and can make this request at the hearing or in writing to the Administrative Law Judge. You may also ask to be notified of the date that the Board adopts the rules and the rules are filed with the Secretary of State by requesting this at the hearing or by writing to the agency contact person stated above.

Order. I order that the rulemaking hearing be held at the date, time, and location listed above.

Date: 1/25/18

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

5230.0220 BIOPROCESS PIPING.

Subpart 1. **ASME BPE.** All bioprocess piping must meet the requirements of ASME BPE. For purposes of this chapter, "ASME BPE" means the ~~2012~~ 2016 edition of the Bioprocessing Equipment Standard adopted and published by ASME, Two 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 a copy of ASME BPE 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.

Subp. 2. **Examination of welded pipe joints.** All welds on bioprocess piping systems must comply with the visual examination acceptance standards in sections ~~MJ-6.3~~ MJ-8.3 to ~~MJ-6.4~~ MJ-8.4 of ASME BPE. When nondestructive examination other than visual examination is required by job specification or by the administrative authority, the welds must comply with the acceptance standards in sections ~~MJ-6.3~~ MJ-8.3 to ~~MJ-6.4~~ MJ-8.4 of ASME BPE for each type of nondestructive examination required. All costs of nondestructive testing shall be paid by the installing contractor. The contractor shall provide a copy of all examination results to the administrative authority upon request.

5230.0260 SCOPE.

Valves, fittings, and piping for boilers, as prescribed in the ASME Code for Power Boilers, are within the scope for this code but provisions of the ASME Code for Power Boilers shall govern where they exceed corresponding requirements of this code. For purposes of this chapter, "ASME Code for Power Boilers" means the ~~2013~~ 2017 edition of the ASME Boiler and Pressure Vessel Code, section I, as adopted and published by ASME, Two 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 a copy 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.

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

5230.0265 ADOPTION OF ASME B31.1 BY REFERENCE.

For purposes of this chapter, "ASME B31.1" means the ~~2012~~ 2016 edition of the standard for power piping, as approved and published by ASME, Two 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 a copy of ASME B31.1 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.

5230.0295 CHAPTER III, MATERIALS.

Section 124 is amended by adding a subsection as follows:

~~124.11~~ 124.13. Furnace Butt Welded Pipe

The use of furnace butt welded pipe is prohibited on steam or heating media piping systems.

5230.0305 CHAPTER VI, INSPECTION, EXAMINATION, AND TESTING.

Section 136. ASME B31.1, ~~section 136 and all subsections~~ sections 136.1 to 136.3.2 are deleted.

5230.5001 INCORPORATIONS BY REFERENCE.

Subpart 1. **ANSI/IIAR 2.** For purposes of this chapter, “ANSI/IIAR 2” means the ~~2008~~ 2014 revision ~~with addendums A and B~~ of the standard for ~~Equipment, Safe Design, and Installation~~ of Closed-Circuit Ammonia ~~Mechanical Refrigerating Refrigeration~~ Systems, as approved by the American National Standards Institute and as published by the International Institute of Ammonia Refrigeration, ~~1110 North Glebe Road~~ 1001 North Fairfax Street, Suite ~~250~~ 503, ~~Arlington Alexandria~~, Virginia ~~22201~~ 22314. 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 a copy of ANSI/IIAR 2 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.

Subp. 2. **ASME B31.5.** For purposes of this chapter, “ASME B31.5” means the ~~2013~~ 2016 revision of the standard for ~~ammonia Refrigeration Piping and Heat Transfer Components~~ as approved and published by ASME, Two 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 a copy of ASME B31.5 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.

5230.5003 ~~SECTION 3~~ CHAPTER 2, DEFINITIONS.

ANSI/IIAR 2, ~~Section 3~~ chapter 2, is amended by adding the following definitions:

brine: Any liquid used for the transmission of heat without a change in its state.

jurisdictional authority: Administrative authority, as defined in Minnesota Rules, part 5230.0005, subpart 2.

liquid line: The parts of the ammonia refrigerating system, at any pressure, intended to be wholly filled with liquid refrigerant.

5230.5005 ~~SECTION 10~~ CHAPTER 13, PIPING.

Subpart 1. ~~Section 10.2.1.5~~ Chapter 13.2.1.1. ANSI/IIAR 2, ~~section 10.2.1.5~~ chapter 13.2.1.1, is amended by adding a subsection to read as follows:

~~10.2.1.5.1~~ 13.2.1.1. Application of materials.

- a. Carbon steel liquid lines must utilize A106 seamless pipe or A333 seamless pipe.
- b. Piping material used in the discharge line of a pressure relief device, when discharging to atmosphere, Type F butt-welded pipe is allowed.
- c. Mill test reports must be provided for the inspector at the inspector’s discretion to verify heat numbers on the pipe and to verify compliance with this part.

Subp. 2. ~~Section 10.2.2.1~~ Chapter 13.2.2. ANSI/IIAR 2, ~~section 10.2.2.1~~ chapter 13.2.2, is amended to read by add-

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ing a subsection as follows:

~~10.2.2.1~~ **13.2.2.1.** Carbon steel, welded.

- a. 1-1/2 inch and smaller - schedule 80.
- b. 2 inch through 10 inch - schedule 40.
- c. 12 inch and larger - standard weight.

Subp. 3. ~~Section 10.2.2.3~~ **Chapter 13.2.2.** ANSI/IIAR 2, section ~~10.2.2.3~~ chapter 13.2.2, is amended to read by adding a subsection as follows:

~~10.2.2.3~~ **13.2.2.2.** Stainless steel, welded.

- a. 3/4 inch through 6 inch - schedule 40.
- b. 8 inch and larger - schedule 10.

Subp. 4. ~~Section 10.3.1.3~~ **Chapter 13.3.** ANSI/IIAR 2, section ~~10.3.1.3~~ chapter 13.3, is amended to read by adding a subsection as follows:

~~10.3.1.3~~ **13.3.8.** Operating speed of control valve actuators shall be considered in the system design. Quarter turn valves (ball valves, butterfly valves, etc.) must utilize an actuator that restricts the time from fully open to fully closed, both directions, to at a minimum of 60 seconds.

5230.5006 CHAPTER 14, PACKAGED SYSTEMS AND EQUIPMENT.

ANSI/IIAR 2, chapter 14.1.2, is amended by adding a subsection as follows:

14.1.2.1. Installers of packaged systems and equipment must submit a copy of the manufacturer's design specifications of each model to the department for evaluation of compliance with the standards in parts 5230.5000 to 5230.5915 and approval prior to installation.

5230.5007 SECTION ~~11~~ CHAPTER 15, OVERPRESSURE PROTECTION DEVICES.

Subpart 1. ~~Section 11.1.5~~ **Chapter 15.2.5.** ANSI/IIAR 2, section ~~11.1.5~~ chapter 15.2.5, is amended to read as follows:

~~11.1.5~~ **15.2.5.** Relief valves shall not be located in refrigerated spaces unless precautions are taken to prevent moisture migration into the valve body or relief valve vent line. A drip pocket the size of the discharge pipe and at least 24 inches in length must be installed below a vertical riser in the discharge pipe and must be fitted with a drain plug or valve.

Subp. 2. ~~Section 11.1.6.2~~ **Chapter 15.2.6.2.** ANSI/IIAR 2, section ~~11.1.6.2~~ chapter 15.2.6.2, is amended by adding the following paragraph at the end:

Rupture discs may only be used when installed in series with a pressure relief valve.

Subp. 3. ~~Section 11.2.5~~ **Chapter 15.3.2.** ANSI/IIAR 2, section ~~11.2.5~~ chapter 15.3.2, is amended to read by adding a subsection as follows:

~~11.2.5.~~ Pressure vessels of 10 ft³ [0.3 m³] or more internal gross volume shall be protected by one or more dual pressure relief device(s). Dual pressure relief valves shall be installed with a three-way valve to allow testing or repair. When dual relief valves are used, each valve must meet the requirements of section 11.2.7. When multiple dual relief valve assemblies are used;

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a. the sum of the capacities of the pressure relief devices actively protecting the vessel must equal or exceed the requirements of section 11.2.7, and

b. the capacity of any dual relief assembly whose manifold valve is set to a position other than fully seated (one side open and one side closed) shall be counted to be zero.

15.3.2.1. Where the refrigerant inlet and outlet of air-cooled or evaporative condensers can be isolated, they shall be equipped with overpressure protection.

Subp. 4. ~~Section 11.3.3~~ Chapter 15.4.3. ANSI/IIAR 2, section 11.3.3 of addendum A chapter 15.4.3, is amended to read as follows:

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

5230.5009 SECTION 15, TESTING AND CHARGING CHAPTER 5, GENERAL SYSTEM DESIGN REQUIREMENTS.

ANSI/IIAR 2, ~~section 15.1.7~~ chapter 5.13.1, is amended by adding a subsection to read as follows:

~~15.1.7.6~~ 5.13.1.2. Declaration. A dated declaration of test shall be provided for all systems. The declaration shall give the name of the refrigerant and the field test pressure applied to the high side and the low side of the system. The declaration of test shall be signed by the installer or, if permitted by the administrative authority, by the owner's representative. If a representative of the administrative authority is present at the test, that representative shall also sign the declaration.

5230.5915 PIPING JOINTS.

Subpart 1. **Design standards.** Piping joints must be designed for ammonia service. Joints must be designed for the pressure temperature and mechanical strength requirements of ammonia service and items A to ~~E~~ and B as follows:

A. ~~One and one-quarter inch and smaller joints may be threaded or welded. Threaded pipe must be American Society for Testing and Materials schedule 80 seamless. Threaded fittings must be 2,000 pounds per square inch rating. Threaded fittings must be forged steel.~~

B. ~~Joints one and one-half inch and larger must be welded. Fittings must match pipe schedule and material. Welded pipe one and one-half inch and smaller must be jointed with the use of socket weld fittings of at least 2,000 pounds per square inch ratings or butt weld fittings of the same wall thickness and material as the pipe. Socket weld fittings must be forged steel.~~

C. ~~Flanges must be a tongue and groove type, or raised face type, rated and designed for ammonia service and system pressure.~~

D. ~~Gaskets must be designed for ammonia service and system pressure.~~

E. ~~B.~~ Unions must be at least 2,000 pounds per square inch forged steel ground joint unions, and must be used only for three quarters inch and smaller pipe.

Subp. 2. **Branch, run-outs, laterals, and saddles.** When joining carbon steel to carbon steel material, if the main piping is two inches and smaller, or the branch or run-out is two inches and smaller, branch or lateral connections must be forged steel TEE fitting, forged steel WELD-O-LET™ or THREAD-O-LET™ reinforced branch fitting, or engineering equivalent of at least class 3,000 pounds per square inch rating. Engineering equivalency must be based on proper documentation signed by a registered licensed professional engineer. When joining materials other than carbon steel to carbon steel, ASME standard B31.5 must be followed.

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Where the main piping exceeds two inches, branch or lateral connections must be made by forged steel TEE fitting, be forged steel WELD-O-LET™, or THREAD-O-LET™ of at least 2,000 pounds per square inch rating; reinforced branch fitting, or in cases where the branch exceeds two inches (further providing that a branch lateral or saddle is two pipe sizes smaller than the main piping it is connected to) the connection may be made by the use of a saddle or lateral connection that complies with the requirements of this part.

Branches or run-outs the same size as the main must be connected using forged steel TEE fittings.

Welding of saddles and laterals must comply with the provisions of ASME standard B31.5.

Subp. 3. [Repealed, 34 SR 145]

Subp. 4. [Repealed, 34 SR 145]

[For text of subp 5, see M.R.]

Subp. 6. **Examination of welded pipe joints.** All welds on ammonia piping systems must comply with the visual examination acceptance standards in section ~~527.3.2~~ 536.4.1 of ASME B31.5. When nondestructive examination other than visual examination is required by job specification or by the administrative authority, the welds must comply with the acceptance standards in ~~section 536.6.3~~ sections 536.6.2 to 536.6.4 of ASME B31.5 for each type of nondestructive examination required. All costs of nondestructive testing shall be paid by the installing contractor. The contractor shall provide a copy of all examination results to the administrative authority upon request.

5230.5920 QUALIFICATION OF WELDING PROCEDURES, WELDERS, AND WELDING OPERATORS.

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

Subp. 2. **Incorporation by reference.** For purposes of this chapter, “ASME section IX” means the ~~2013~~ 2017 edition of section IX of the Boiler and Pressure Vessel Code, as approved and published by ASME, Two 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. A copy of ASME section IX 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.

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

EFFECTIVE DATE. Minnesota Rules, parts 5230.0220 to 5230.5920, are effective five working days after publication of the amendments’ notice of adoption in the State Register.