

Plumbing Board
c/o Department of Labor and Industry
443 Lafayette Road North
St. Paul, MN 55155-4344
www.dli.mn.gov

Plumbing Board Request for Action

PRINT IN INK or TYPE

NAME OF SUBMITTER Cathy Tran, DLI	PURPOSE OF REQUEST (check all that apply): <input type="checkbox"/> New Code <input type="checkbox"/> Code Amendment <input type="checkbox"/> Repeal of an existing Rule
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The Minnesota Plumbing Code (MN Rules, Chapter 4714) is available at <http://www.dli.mn.gov/CCLD/PlumbingCode.asp>.

Specify the purpose of the proposal: (If recommendation for code change for fixture, appurtenance, material, or method, check all that apply)

- Appurtenance (e.g., water conditioning equipment) Test Method
 Other (describe) _____

Does your submission contain a Trade Secret? Yes No

If Yes, mark “**TRADE SECRET**” prominently on each page of your submission that you believe contains trade secret information. Minnesota Statutes, section 13.37, subdivision 1(b), defines “trade secret” as follows:

“Trade secret information” means government data, including a formula, pattern, compilation, program, device, method, technique or process (1) that was supplied by the affected individual or organization, (2) that is the subject of efforts by the individual or organization that are reasonable under the circumstances to maintain its secrecy, and (3) that derives independent economic value, actual or potential, from not being generally known to, and not being readily ascertainable by proper means by, other persons who can obtain economic value from its disclosure or use.

Note that, although “trade secret” information is generally not public, the Board and its committees may disclose “trade secret” information at a public meeting of the Board or committee if reasonably necessary for the Board or committee to conduct the business or agenda item before it (such as your request.) The record of the meeting will be public.

Describe the proposed change. The Minnesota Plumbing Code (Minnesota Rules Chapter 4714) is available via the World Wide Web at <http://www.revisor.leg.state.mn.us/arule/4714/>

See Below Proposed Change to Code Section 724. RECREATIONAL VEHICLE

Office Use Only

RFA File No. PB0136	Date Received by DLI 5.16.2019	Dated Received by Committee	Date Forwarded to Board
Title of RFA	By:		

Committee Recommendation to the Board: Accept Reject Abstain

Board approved as submitted: Yes No Board approved as modified: Yes No

This material can be made available in different forms, such as large print, Braille or audio. To request, call 1-800-342-5354.

Need and Reasons For the Change. Thoroughly explain the need and why you believe it is reasonable to make this change. During a rulemaking process, the need and reasonableness of all proposed rule changes must be justified; therefore, a detailed explanation is necessary to ensure the Board thoroughly considers all aspects of the proposal.

chapter 7 is amended by adding the following sections:

4714.0724 RECREATIONAL VEHICLE SANITARY DISPOSAL STATION.

724.01 Recreational Vehicle Sanitary Disposal Station.

724.1.1 Construction. Each recreational vehicle sanitary disposal (dump) station shall have a concrete slab with the drainage system located as to be on the road (left) side of the recreational vehicle. The slab shall be not less than 3 feet by 3 feet (914 mm by 914 mm), not less than 3-1/2 inches (89 mm) thick, and properly reinforced. The slab surface shall be troweled to a smooth finish and sloped from each side inward to a drainage system inlet.

The drainage system inlet shall consist of a 4-inch (102 mm), self-closing, foot-operated hatch of materials meeting these rules with the cover milled to fit tight. The hatch body shall be set in the concrete of the slab with the lip of the opening flush with its surface to facilitate the cleansing of the slab with water. The hatch shall be properly connected to a drainage system inlet, which shall discharge to a public or private sewer meeting ~~the standards of this section~~ the same requirements as provided in the code for building sewers.

724.2.2 Flushing Device. The recreational vehicle sanitary disposal station flushing device shall consist of a supported riser terminating not less than 2 feet (610 mm) above the ground surface, with a 3/4-inch (20 mm) valved outlet adaptable for a flexible hose. The flexible hose shall be designed such that it cannot lie on the ground. The water supply to the flushing device shall be protected from backflow by means of a listed vacuum breaker or backflow prevention device located downstream from the last shutoff valve. A pressure type vacuum breaker backflow device must be provided if a shut-off valve is installed downstream of the backflow device. Direct connections between the water piping and sewer-connected wastes and recreational vehicle holding tank is not allowed to exist under any condition with or without backflow protection.

Adjacent to the recreational vehicle sanitary disposal station shall be posted a sign of durable material not less than 2 feet by 2 feet (610 mm by 610 mm) in size. Inscribed on the sign in clearly legible letters shall be the following:
"DANGER - NOT TO BE USED FOR DRINKING OR DOMESTIC PURPOSES."

724.2 Drainage Pipe Sizes. The minimum pipe diameters of drainage serving recreational vehicle sites shall be in accordance with Table 724.1.

TABLE 724.1 DRAINAGE PIPE SIZES	
<u>MAXIMUM NUMBER OF RECREATIONAL VEHICLE SERVED</u>	<u>MINIMUM PIPE SIZES (Inches)</u>
<u>36</u>	<u>4</u>
<u>71</u>	<u>5</u>
<u>120</u>	<u>6</u>
<u>440</u>	<u>8</u>

JUSTIFICATIONS for Change:

724.0 has been renumbered and reformatted to have two subsections.

724.1.1 The proposed deletes the language “the standards of this section” as there are no specific requirements in section 724 for drainage piping design. New language is added to clarify that the drainage pipe must be designed to the same requirements as building sewers. This clarifies that the drainage pipe must meet similar requirements as building sewers such as materials, fittings, cleanouts, slope, as well as installation requirements.

724.1.2 The proposed language is to add clarify to the proper backflow prevention types required for certain types of installation where continuous line pressure can be created. In addition, clarification is made also that at no time any water piping be connected to a sewer-connected wastes such as directly connecting to a sewage holding tank of an recreational vehicle consistent to section 6.03.4.4. This is necessary to protect the potable water supply system.

724.2 Currently there are not specific drainage sizing requirements and therefore lacking directions for designers and officials. The content in this proposed table is taken from appendix E of the 2018 UPC for recreational vehicles and therefore is reasonable to use for the same application.

If your product/method standard(s) is not currently listed in both national codes, your Request For Action will not be considered by the Board or its committees, however, you are welcome to present at any Board meeting during the Open Forum section of the Agenda.

The proposal must be accompanied by copies of any published standards, the results of testing, and copies of any product listings, as documentation of the health, sanitation and safety performance of any materials, methods, fixtures, and/or appurtenances. If none are available, please explain:

Please attach electronic scanned copies of any literature, standards and product approvals or listings. Printed or copyrighted materials, **along with written permission from the publisher to distribute the materials at meetings**, should be sent to the Plumbing Board, c/o Department of Labor and Industry, 443 Lafayette Road No., St. Paul, MN 55155-4344.

Primary reason for change: (check only one)

Protect public, health, safety, welfare, or security

Lower construction costs

Mandated by legislature

Provide uniform application

- Encourage new methods and materials
- Change made at national level
- Other (describe) _____

- Clarify provisions
- Situation unique to Minnesota

Anticipated benefits: (check all that apply)

- Save lives/reduce injuries
- Improve uniform application
- Improve health of indoor environment
- Provide more construction alternatives
- Reduce regulation
- Other (describe) _____

- Provide more affordable construction
- Provide building property
- Drinking water quality protection
- Decrease cost of enforcement

Economic impact: (explain all answers marked "yes")

1. Does the proposed change increase or decrease the cost of enforcement? Yes No If yes, explain

2. Does the proposed change increase or decrease the cost of compliance? Yes No If yes, explain
Include the estimated cost increase or decrease, and who will bear the cost increase or experience the cost decrease:

3. Are there less costly or intrusive methods to achieve the proposed change? Yes No If yes, explain

4. Were alternative methods considered? Yes No If no, why not? If yes, explain what alternative methods were considered and why they were rejected.

5. If there is a fiscal impact, try to explain any benefit that will offset the cost of the change. If there is no impact, mark "N/A."

6. Provide a description of the classes of persons affected by a proposed change, who will bear the cost, and who will benefit.

7. Does the proposed rule affect farming operations? (Agricultural buildings are exempt from the Minnesota Building Code under Minnesota Statutes, Section 326B.121.) Yes No If yes, explain

Are there any existing Federal Standards? Yes No If yes, list:

Are there any differences between the proposed change and existing federal regulations?

- Yes No Not applicable Unknown

If yes, describe each difference & explain why each difference is needed & reasonable.

Minnesota Statutes, section 14.127, requires the Board to determine if the cost of complying with proposed rule changes in the first year after the changes take effect will exceed \$25,000 for any small business or small city. A small business is

defined as a business (either for profit or nonprofit) with less than 50 full-time employees and a small city is defined as a city with less than ten full-time employees.

During the first year after the proposed changes go into effect, will it cost more than \$25,000 for any small business or small city of comply with the change? Yes No If yes, identify by name the small business(es or small city(ies).

Will this proposed plumbing code amendment require any local government to adopt or amend an ordinance or other regulation in order to comply with the proposed plumbing code amendment? Yes No, If yes, identify by name the government(s) and ordinances(s) that will need to be amended in order to comply with the proposed plumbing code amendment.

Additional supporting documentation may also be attached to this form. Are there any additional comments you feel the Committee/Board may need to consider? If so, please state them here:

Information regarding submitting this form:

- Submissions are received and heard by the Committee on an “as received” basis. **Any missing documentation will delay the process, and your proposal will be listed as the date it was received “Complete.”**
- **Submit any supporting documentation to be considered**, such as manufacturer’s literature, approvals by other states, and engineering data electronically to DLI.CCLDBOARDS@state.mn.us. Once your Request For Action form has been received, it will be assigned a file number. Please reference this file number on any correspondence and supplemental submissions.
- **For copyrighted materials that must be purchased from publishers, such as published standards, product approvals or testing data, listings by agencies (IAPMO, ASSE, ASTM, etc..) you may send just 2 copies, along with written permission from the publisher to distribute the materials at meetings, via U.S. Mail to: Plumbing Board, c/o Department of Labor and Industry, 443 Lafayette Road No., St. Paul, MN 55155-4344.**
- **For materials that must be submitted by U.S. Mail, please include a copy of your “Request For Action” form originally submitted and reference your assigned RFA file number.**

Information for presentation to the Committee and/or Board:

- Limit presentations to 5 minutes or less.
- Be prepared to answer questions regarding the proposal and any documentation.

Information regarding Committee and/or Board function:

- The Plumbing Board or designated committee.

I understand that any committee action is a recommendation to the Plumbing Board and is not to be considered final action.

SUBMITTED BY NAME Cathy Tran	FIRM NAME DLI	SUBMITTER'S E-MAIL ADDRESS Cathy.tran@state.mn.us
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NAME, PHONE NUMBER & E-MAIL ADDRESS OF PRESENTER TO THE COMMITTEE (if different):

ADDRESS	CITY	STATE	ZIP CODE
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PHONE 651 284 5898	SIGNATURE (original or electronic)	DATE 5/16/19
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For Assistance or questions on completing this form, contact Cathy Tran, Department of Labor and Industry at 651-284-5898.

For Office/Committee Use Only Proposal received completed? <input type="checkbox"/> Yes <input type="checkbox"/> No			
Date Proposer notified of gaps:	Mode of notification (e.g., e-mail)	Date returned to Proposer:	Date materials re-received: