

Plumbing Board
c/o Department of Labor and Industry
443 Lafayette Road North
St. Paul, MN 55155-4344
www.dli.mn.gov
Email: DLI.cclboards@state.mn.us

**PB0220.RFA.Jim Peterson.Section
706.Changes in Direction of Flow**

Plumbing Board Request for Action

PRINT IN INK or TYPE

NAME OF SUBMITTER		PURPOSE OF REQUEST (check all that apply):		New Code
James Peterson		☒ Code Amendment	☐ Repeal of an existing Rule	
The Minnesota Plumbing Code (MN Rules, Chapter 4714) is available at https://epubs.iapmo.org/2020/MPC/				
Specify the purpose of the proposal: If recommendation for code change for appurtenance 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 here: https://epubs.iapmo.org/2020/MPC/				
NOTE: - Please review the Minnesota Plumbing Code and include all parts of the Code that require revision to accomplish your purpose. - The proposed change, including suggested rule language, should be <i>specific</i>. If modifying existing rule language, <u>underline new words</u> and strike through deleted words. Please list all areas of the Minnesota Plumbing Code that would be affected.				
706 Changes in Direction of Flow				
706.3 Horizontal to Horizontal ---- “drainage lines shall enter through 45 degree (0.79 rad) wye branches, combination wye and one-eighth bend branches, or other approved fittings of equivalent sweep <u>long sweep quarter bend, or any combination of 45-degree 1/8 bends or 22-degree 1/16th bends.</u> Any combination of fittings could include street fittings.				
706.4 Vertical to Horizontal ---- “drainage lines shall enter through 45 degree (0.79 rad) wye branches, combination wye and one-eighth bend branches, <u>long sweep quarter bend, short sweep quarter bend, or any combination of 45-degree 1/8 bends or 22-degree 1/16th bends.</u> Any combination of fittings could include street fittings.				
For Office/Committee Use Only Proposal received completed? ☐ Yes ☐ No				
Date Proposer notified of gaps:	Mode of notification (e.g., e-mail)	Date returned to Proposer:	Date materials re-received:	
Office Use Only				
RFA File No. PB0220	Date Received by DLI 11.13.2025	Dated Received by Committee NA	Date of Forwarded to Board 11.17.2025	
Title of RFA PB0220.RFA.Jim Peterson.Section 706.Changes in Direction of Flow.Rec'd 11.13.2025				
Committee Recommendation to the Board:		☐ Accept	☐ Reject	☐ Abstain
Board approved as submitted:	☐ Yes ☐ No	Board approved as modified:	☐ Yes ☐ No	

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.

This would allow the use of listed sweep drainage fittings for plumbing systems that have been allowed in the previous Minnesota Code for 75 years without complications. This issue was reviewed by the Minnesota Plumbing Board in October of 2024. This Code change will make local plumbing official interpretations more consistent, and uniform.

October 15, 2024, the Minnesota Plumbing Board issued a Final Interpretation, PB 0183, it states in part: "a quarter bend long sweep, short sweep, or any fitting listed by the manufacturer as a long pattern or long sweep fitting can be used in horizontal to horizontal or vertical to horizontal installations. Equivalent sweep includes any combination of 45-degree 1/8 bends or 22-degree 1/16th bends. "and "Any combination of fittings would include street fittings. "

If your product/method standard(s) is not currently listed in a national code, 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***, and email to DLI.cclboards@state.mn.us

Primary reason for change: (check only one)

- | | |
|---|---|
| ☐ Protect public, health, safety, welfare, or security | ☐ Mandated by legislature |
| ☐ XX Lower construction costs | ☐ XX Provide uniform application |
| ☐ Encourage new methods and materials | ☐ XX Clarify provisions |
| ☐ Change made at national level | ☐ Situation unique to Minnesota |
| ☐ Other (describe) _____ | |

Anticipated benefits: (check all that apply)

- | | |
|---|---|
| ☐ Save lives/reduce injuries | ☐ Provide more affordable construction |
| ☐ XX Improve uniform application | ☐ Provide building property |
| ☐ Improve health of indoor environment | ☐ Drinking water quality protection |
| ☐ XX Provide more construction alternatives | ☐ XX Decrease cost of enforcement |
| ☐ XX Reduce regulation ☐ Other (describe) _____ | |

The Following Information is Optional. This Information can Assist in Evaluating a Request for Action and in Rulemaking and Should be Provided if Known.

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

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

2. Does the proposed change increase or decrease the cost of compliance? ☐ Yes ☐ XX 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 ☐ XX No If yes, explain

4. Were alternative methods considered? ☐ Yes ☐ XX No If no, why not? If yes, explain what alternative methods were considered and why they were rejected, A code correction is the most uniform way to reflect the Boards interpretation.

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 ☐ XX No If yes, explain

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

Are there any differences between the proposed change and existing federal regulations? ☐ Yes ☐ No
☐ Not applicable ☐ XX 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 ☐ XX 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 (or email) two 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 action is a recommendation to the Plumbing Board and is not to be considered final action.

NAME	EMAIL ADDRESS	FIRM NAME	
James Peterson	Klempner1@juno.com	Minnesota PHCC	
NAME, PHONE NUMBER AND E-MAIL ADDRESS OF PRESENTER TO THE COMMITTEE (if different):			
MAILING STREET ADDRESS	CITY	STATE	ZIP CODE
3976 Little Hanging Horn Circle	Barnum	Mn	55707
PHONE	SIGNATURE (original or electronic)	DATE	
651-315-5132	James H Peterson	07-09-2025	

For Assistance or questions on completing this form, contact Mike Westemeier, Department of Labor and Industry at michael.westemeier@state.mn.us or by phone 651-284-5898.