



CODE CHANGE PROPOSAL FORM

(Must be submitted electronically)

Author/requestor: Mara Peterson

Date: 05/01/2024

Email address: Mara_Quarve@yahoo.com

Model Code: ANSI A117.1

Telephone number: 612-709-2498

Code or Rule Section: 502.11

Firm/Association affiliation, if any: JQP, Inc.

Topic of proposal: EV Charging Stations

Code or rule section to be changed: 502.11

Intended for Technical Advisory Group ("TAG"): 1341

General Information

Yes **No**

- | | | |
|--|-------------------------------------|-------------------------------------|
| A. Is the proposed change unique to the State of Minnesota? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| B. Is the proposed change required due to climatic conditions of Minnesota? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| C. Will the proposed change encourage more uniform enforcement? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| D. Will the proposed change remedy a problem? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| E. Does the proposal delete a current Minnesota Rule, chapter amendment? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| F. Would this proposed change be appropriate through the ICC code development process? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Proposed Language

1. The proposed code change is meant to:

- change language contained the model code book? If so, list section(s).
Change language in ANSI A117.1 Section 502.11 (language developed in the Electric Vehicle Charging Station TAG)
- change language contained in an existing amendment in Minnesota Rule? If so, list Rule part(s).
- delete language contained in the model code book? If so, list section(s).
- delete language contained in an existing amendment in Minnesota Rule? If so, list Rule part(s).
- add new language that is not found in the model code book or in Minnesota Rule.

2. Is this proposed code change required by Minnesota Statute? If so, please provide the citation.

Yes. Statute 326B.106 Sec. 31 Subd. 16 and 326B.103 Subd 6a, 6b, 6c. (See code change proposal Acc-02 from Karen Gridley.)

3. Provide *specific* language you would like to see changed. Indicate proposed new words with underlining and ~~strikethrough~~ words proposed for deletion. Include the entire code (sub) section or rule subpart that contains your proposed changes.

502.11.3.1 Location. Access aisles shall adjoin an accessible route. Two vehicle charging spaces shall be permitted to share a common access aisle. Access aisles shall not overlap with the vehicular way. Vehicle charging spaces shall be permitted to have access aisles placed on neither side of the vehicle charging space. Where angled spaces are provided a minimum of 1 shall have the aisle located to the passenger side of the vehicle space.

502.11.6 Identification. Accessible EVSE-Installed Spaces shall be identified by a sign that include ~~the phrases “Designated for Disability Access” along with “Please be courteous”~~ the International Symbol of Accessibility complying with Section 703.6.3.1 and the phrase “Use Last”. The words shall be permitted to be either on separate signs or placed together on a single sign. Signs shall be vertically posted and be within 12 inches of the centerline of the width of the space at the head end of the accessible vehicle charging space a maximum of 96 inches (2440 mm) from the head of the parking space, and be mounted 60 inches (1525 mm) minimum and ~~66 inches (1676 mm)~~ 72 inches maximum above the floor of the parking space, measured to the bottom of the lowest sign.

Exceptions:

3. Parallel vehicle charging spaces shall have a vertically posted sign located on the side, at the head end of the parking vehicle space.

4. Will this proposed code change impact other sections of a model code book or an amendment in Minnesota Rule? If so, please list the affected sections or rule parts.
No

Need and Reason

1. Why is the proposed code change needed? Please provide a general explanation as well as a specific explanation for any changes to numerical values (heights, area, etc.)
- The additional specification for the angled spaces is to be consistent with the current requirements for angled van parking spaces. With the aisle only 5' wide there is not sufficient space to deploy a ramp from a vehicle. While it may not be common for angled spaces to be provided for EV charging currently, we don't know what future designs may include.
 - The change from “Please be courteous” to “use last” is to be consistent with the language recommended by the US Access Board *Design Recommendations for Accessible Vehicle Charging Stations* [8/11/2022].
 - The increase in the upper end of the sign mounting height is to provide a wider range for sign installation vs. the current 6” field. The upper limit of the mounting height is a MN specific amendment; ADA and ANSI 117.1 only require a minimum height of 60” for signs at accessible parking spaces, there is not upper limit. By increasing the range to 12” from the current 6” the goal is to increase compliance at the time of installation while still providing signs at a viewable height. *(An additional code change proposal will be provided for 502.7 for the same increase.)*
 - The change to Exception 3 is editorial; these are not considered “parking” spaces.

2. Why is the proposed code change a reasonable solution?

These are minimal changes that do not significantly alter the already reviewed proposed code language.

3. What other factors should the TAG consider?

The recommendations related to angled parking and “use last” language were discussed during the previous TAG meeting on 4/24/2024.

Cost/Benefit Analysis

1. Will the proposed code change increase or decrease costs? Please explain and provide estimates if possible.

These changes will not impact the cost of the already reviewed code change proposal (ACC-02).

2. If there is an increased cost, will this cost be offset by a safety or other benefit? Please explain. If the benefit is quantifiable (for example energy savings), provide an estimate if possible.

NA

3. If there is a cost increase, who will bear the costs? This can include government units, businesses, and individuals.

NA

4. Are there any enforcement or compliance cost increases or decreases with the proposed code change? Please explain.

No

5. Will the cost of complying with the proposed code change in the first year after the rule takes effect exceed \$25,000 for any one small business or small city ([Minn. Stat. § 14.127](#))? A small business is any business that has less than 50 full-time employees. A small city is any statutory or home rule charter city that has less than ten full-time employees. Please explain.

No

Regulatory Analysis

1. What parties or segments of industry are affected by this proposed code change?

Government units, land developers, landlords of multi-family housing and businesses.

2. Can you think of other means or methods to achieve the purpose of the proposed code change? What might someone opposed to this code change suggest instead? Please explain what the alternatives are and why your proposed change is the preferred method or means to achieve the desired result.

The alternative would be to keep with existing proposed language.

3. What are the probable costs or consequences of not adopting the code change, including those costs or consequences borne by identifiable categories of affected parties, such as separate classes of government units, businesses, or individuals?

There are no additional costs to not accepting this code change.

4. Are you aware of any federal or state regulation or requirement related to this proposed code change? If so, please list the federal or state regulation or requirement and your assessment of any differences between the proposed code change and the federal regulation or requirement.

These recommendations are based on US Access Board *Design Recommendations for Accessible Vehicle Charging Stations* [8/11/2022] as well as other code requirements for similar features (such as parking spaces).

***Note: The information you provide in this code change proposal form is considered Public Data and used by the TAG to consider your proposed modification to the code. Any code change proposal form submitted to DLI may be reviewed at public TAG meetings and used by department staff and the Office of Administrative Hearings to justify the need and reasonableness of any proposed rule draft subject to administrative review and is available to the public.

****Note: Incomplete forms will be returned to the submitter with instruction to complete the form. Only completed forms will be accepted and considered by the TAG. The submitter may be asked to provide additional information in support of the proposed code change.



CODE CHANGE PROPOSAL FORM

(Must be submitted electronically)

Author/requestor: C. Scott Anderson

Date: 5/06/24

Email address: c.scott.anderson@minneapolismn.gov

Model Code: 2024 IBC

Telephone number: 612-246-7303

Code or Rule Section: 1341

Firm/Association affiliation, if any: City of Minneapolis

Topic of proposal: 1103.2.11 Residential Group R-1 + R-3

Code or rule section to be changed: 1341

Intended for Technical Advisory Group ("TAG"):

General Information

Yes **No**

- | | | |
|--|-------------------------------------|-------------------------------------|
| A. Is the proposed change unique to the State of Minnesota? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| B. Is the proposed change required due to climatic conditions of Minnesota? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| C. Will the proposed change encourage more uniform enforcement? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| D. Will the proposed change remedy a problem? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| E. Does the proposal delete a current Minnesota Rule, chapter amendment? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| F. Would this proposed change be appropriate through the ICC code development process? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

Proposed Language

1. The proposed code change is meant to:

- change language contained the model code book? If so, list section(s).
- change language contained in an existing amendment in Minnesota Rule? If so, list Rule part(s).
- delete language contained in the model code book? If so, list section(s).
- delete language contained in an existing amendment in Minnesota Rule? If so, list Rule part(s).
- add new language that is not found in the model code book or in Minnesota Rule.
1103.2.11 Residential Group R-1 + R-3

2. Is this proposed code change required by Minnesota Statute? If so, please provide the citation.

No

3. Provide *specific* language you would like to see changed. Indicate proposed new words with underlining and ~~striketrough~~ words proposed for deletion. Include the entire code (sub) section or rule subpart that contains your proposed changes.

1103.2.11 Residential Group R-1 or R-3. ~~Buildings of Group R-1 containing not more than five dwelling units and sleeping units in aggregate for rent or hire that are also occupied as the residence of the proprietor and that contain not more than five~~ questrooms for rent or hire are not required to comply with this chapter. ~~Buildings of Group R-3 congregate living facilities (transient) or boarding houses (transient) containing not more than five sleeping units for rent or hire that are also occupied as the residence of the proprietor and that contain not more than five~~ questrooms for rent or hire are not required to comply with this chapter

4. Will this proposed code change impact other sections of a model code book or an amendment in Minnesota Rule? If so, please list the affected sections or rule parts.

NO

Need and Reason

1. Why is the proposed code change needed? Please provide a general explanation as well as a specific explanation for any changes to numerical values (heights, area, etc.)

This is intended to exempt small bed-n-breakfast facilities where the owner lives (possible dwelling unit) in the same building and there are only 5 guestrooms (sleeping units). By saying 'aggregate' this could be read to add the owner's living quarters to the count. This exception is not intended to extend to small transient apartment buildings that offer units for rent, even if the owner lived in the building. Since the IBC includes a definition for 'guestroom', it is clearer to just go back to that language for this specific section. It is also a consistent use of terms as found in Section 310.4.

2. Why is the proposed code change a reasonable solution?

This addition to the definition reduced confusion and clarifies code requirement

3. What other factors should the TAG consider?

None

Cost/Benefit Analysis

1. Will the proposed code change increase or decrease costs? Please explain and provide estimates if possible.

This is an editorial change and should not impact the cost of construction.

2. If there is an increased cost, will this cost be offset by a safety or other benefit? Please explain. If the benefit is quantifiable (for example energy savings), provide an estimate if possible.

No cost change

3. If there is a cost increase, who will bear the costs? This can include government units, businesses, and individuals.

NA

4. Are there any enforcement or compliance cost increases or decreases with the proposed code change? Please explain.
No
5. Will the cost of complying with the proposed code change in the first year after the rule takes effect exceed \$25,000 for any one small business or small city ([Minn. Stat. § 14.127](#))? A small business is any business that has less than 50 full-time employees. A small city is any statutory or home rule charter city that has less than ten full-time employees. Please explain.
No

Regulatory Analysis

1. What parties or segments of industry are affected by this proposed code change?
Architects, Contractors, Developers, Building Owners, Contractors, Building Officials
2. Can you think of other means or methods to achieve the purpose of the proposed code change? What might someone opposed to this code change suggest instead? Please explain what the alternatives are and why your proposed change is the preferred method or means to achieve the desired result.
No
3. What are the probable costs or consequences of not adopting the code change, including those costs or consequences borne by identifiable categories of affected parties, such as separate classes of government units, businesses, or individuals?
Not adopting this change will continue the confusion about how accessibility is applied to these small B+B's
4. Are you aware of any federal or state regulation or requirement related to this proposed code change? If so, please list the federal or state regulation or requirement and your assessment of any differences between the proposed code change and the federal regulation or requirement.
This change was adopted by the ICC egress committee at the April 2024 Code Action Hearings by a vote of 14-0 and is unlikely to be overturned at the final action hearings and voting. Regardless of the ICC actions this is a significant improvement to the current code language.

***Note: Incomplete forms may be returned to the submitter with instruction to complete the form. Only completed forms can be considered by the TAG.



CODE CHANGE PROPOSAL FORM

(Must be submitted electronically)

Author/requestor: Karen Gridley

Date: 5/17/2024

Email address: karen.gridley@state.mn.us

Model Code: ANSI A117.1

Telephone number: 651-284-5877

Code or Rule Section: MR 1341.604.3.2.2 and A117.1 604.9.2

Firm/Association affiliation, if any: CCLD Topic of proposal: Toilet Clearance depth & Compartment Size

Code or rule section to be changed: MR 1341.0604 Subpart 1 Section 604.3.2.2, and A117.1 604.9.2

Intended for Technical Advisory Group ("TAG"): 1341

General Information

Yes **No**

- | | | |
|--|-------------------------------------|-------------------------------------|
| A. Is the proposed change unique to the State of Minnesota? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| B. Is the proposed change required due to climatic conditions of Minnesota? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| C. Will the proposed change encourage more uniform enforcement? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| D. Will the proposed change remedy a problem? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| E. Does the proposal delete a current Minnesota Rule, chapter amendment? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| F. Would this proposed change be appropriate through the ICC code development process? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Proposed Language

1. The proposed code change is meant to:

- Change language contained the model code book? If so, list section(s).
This would delete the model code language and replace with an amended MN amendment.
- change language contained in an existing amendment in Minnesota Rule? If so, list Rule part(s).
This would change MR 1341.0604 Subpart 1 Section 604.3.2.2, and, A117.1 604.9.2
- delete language contained in the model code book? If so, list section(s).
A117.1 Section 604.3.2, and, 604.9.2
- delete language contained in an existing amendment in Minnesota Rule? If so, list Rule part(s).
- add new language that is not found in the model code book or in Minnesota Rule.

2. Is this proposed code change required by Minnesota Statute? If so, please provide the citation.
No.

3. Provide *specific* language you would like to see changed. Indicate proposed new words with underlining and ~~strikethrough~~ words proposed for deletion. Include the entire code (sub) section or rule subpart that contains your proposed changes.

(Note: Purple = proposed MN amendment. Teal – new model code language. Red = proposed deleted model language)

MN Rule 1341.0604 Subpart 1 Section 604.3.2.2 water closet clearance.

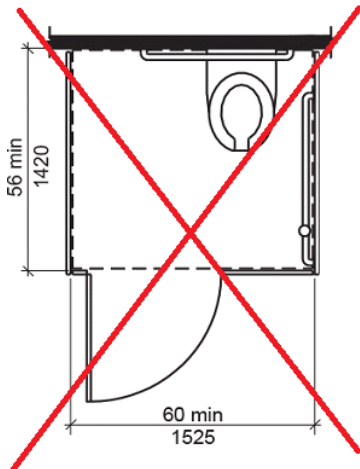
604.3.2.2 Water closet clearance. The depth of the clearance around the water closet shall be ~~48~~ 52 inches (1220 mm) minimum plus the depth of the water closet fixture.

(Note: will need to modify the MN Figure 604.3 to show the 52” depth in front of toilet)

A117.1 Section 604.9.2, and, MN Rule 1341.0604 Subpart 4 Section 604.9.2 wheelchair accessible compartment.

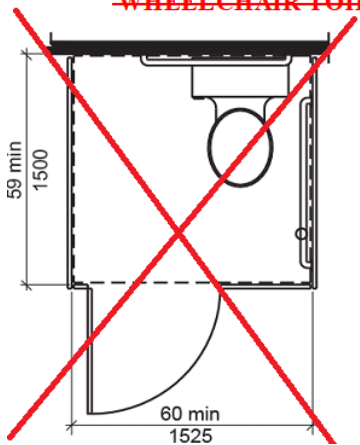
604.9.2 Compartment Size.

Wheelchair accessible toilet compartments shall comply with Section ~~604.9.2.1, 604.9.2.2~~ 604.3 where the compartment door swings out or 604.9.2. ~~13 as applicable.~~ where the compartment door swings in.



~~FIGURE 604.9.2(A)~~

~~WHEELCHAIR TOILET COMPARTMENTS WALL HUNG CLOSET, ADULT~~



~~FIGURE 604.9.2(B)~~

~~WHEELCHAIR TOILET COMPARTMENTS FLOOR MOUNTED WATER CLOSET, ADULT - WALL HUNG AND FLOOR MOUNTED WATER CLOSET, CHILDREN~~

604.9.2.1 Minimum area.

The minimum area of a wheelchair accessible toilet compartment shall be 60 inches (1525 mm) minimum in width measured perpendicular to the side wall, and 56 inches (1420 mm) minimum in depth for wall hung water closets, and 59 inches (1500 mm) minimum in depth for floor mounted water closets measured perpendicular to the rear wall.

604.9.2.2 Compartment for children's use.

The minimum area of a wheelchair accessible toilet compartment primarily for children's use shall be 60 inches (1525 mm) minimum in width measured perpendicular to the side wall, and 59 inches (1500 mm) minimum in depth for wall hung and floor mounted water closets measured perpendicular to the rear wall.

604.9.2.13 Alternate Wheelchair accessible toilet compartments with in-swinging doors.

Where an alternate a wheelchair accessible toilet compartment is provided has an in-swinging door the minimum area of the compartment shall be 60 inches (1525 mm) minimum in width, measured perpendicular to the side wall, and 84 inches (2135 mm) minimum in depth, measured perpendicular to the rear wall.

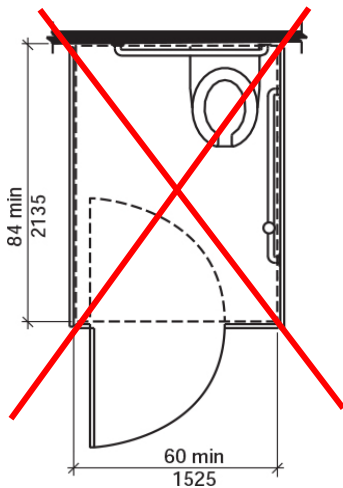


FIGURE 604.9.2.3

~~WHEELCHAIR TOILET COMPARTMENTS ALTERNATE WHEELCHAIR TOILET COMPARTMENT~~

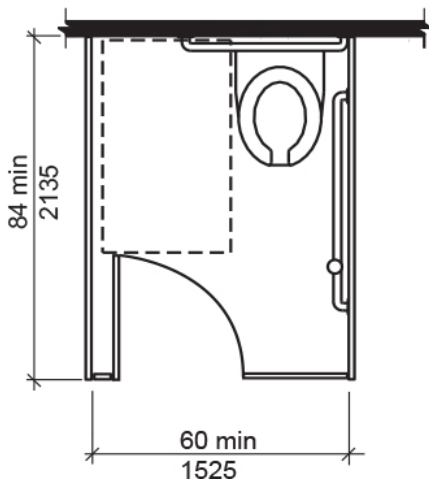


FIGURE 604.9.13(B)

~~WHEELCHAIR TOILET COMPARTMENTS ALTERNATE WHEELCHAIR TOILET COMPARTMENT WITH IN-SWINGING DOOR.~~

4. Will this proposed code change impact other sections of a model code book or an amendment in Minnesota Rule? If so, please list the affected sections or rule parts.

No

Need and Reason

1. Why is the proposed code change needed? Please provide a general explanation as well as a specific explanation for any changes to numerical values (heights, area, etc.)
This change will align the new 52" deep wheelchair clear floor space with the depth requirements for toilet clearance and toilet compartment size in Minnesota. It both maintains some Minnesota amendments while also incorporating updated depth requirements from the model code.
2. Why is the proposed code change a reasonable solution?
To align with the new wheelchair clear floor space depth required elsewhere in the code, to maintain consistency throughout the code.
3. What other factors should the TAG consider?
Increased wheelchair clear floor space depth discussed in previous code sections.

Cost/Benefit Analysis

1. Will the proposed code change increase or decrease costs? Please explain and provide estimates if possible.
Possible increase due to a 4-inch or 8-inch greater depth requirement. In new construction the cost increase will be minimal, if at all noticeable. In existing building alterations the cost would not be required to exceed 20% of the construction cost which is true of any alteration to an existing building so there would be minimal cost increase for existing buildings.
2. If there is an increased cost, will this cost be offset by a safety or other benefit? Please explain. If the benefit is quantifiable (for example energy savings), provide an estimate if possible.
Cost is offset by increased level of accessibility for persons with disabilities to participate in the community.
3. If there is a cost increase, who will bear the costs? This can include government units, businesses, and individuals.
Building owners.
4. Are there any enforcement or compliance cost increases or decreases with the proposed code change? Please explain.
N/A
5. Will the cost of complying with the proposed code change in the first year after the rule takes effect exceed \$25,000 for any one small business or small city ([Minn. Stat. § 14.127](#))? A small business is any business that has less than 50 full-time employees. A small city is any statutory or home rule charter city that has less than ten full-time employees. Please explain.

No.

Regulatory Analysis

1. What parties or segments of industry are affected by this proposed code change?

Architects, designers, property owners and businesses.

2. Can you think of other means or methods to achieve the purpose of the proposed code change? What might someone opposed to this code change suggest instead? Please explain what the alternatives are and why your proposed change is the preferred method or means to achieve the desired result.

No

3. What are the probable costs or consequences of not adopting the code change, including those costs or consequences borne by identifiable categories of affected parties, such as separate classes of government units, businesses, or individuals?

The consequence of not making this change would result in some inconsistency in clear floor space requirements in other parts of the code, and a lower level of accessibility for persons with disabilities.

4. Are you aware of any federal or state regulation or requirement related to this proposed code change? If so, please list the federal or state regulation or requirement and your assessment of any differences between the proposed code change and the federal regulation or requirement.

No

***Note: Incomplete forms may be returned to the submitter with instruction to complete the form. Only completed forms can be considered by the TAG.



CODE CHANGE PROPOSAL FORM

(Must be submitted electronically)

Author/requestor: Karen Gridley

Date: 5/17/2024

Email address: karen.gridley@state.mn.us

Model Code: ANSI A117.1

Telephone number: 651-284-5877

Code or Rule Section: Section 604.7

Firm/Association affiliation, if any: CCLD

Topic of proposal: Toilet Paper Dispenser

Code or rule section to be changed: MN 1341 Section 604.7

Intended for Technical Advisory Group ("TAG"): 1341

General Information

Yes **No**

- A. Is the proposed change unique to the State of Minnesota? Yes No
- B. Is the proposed change required due to climatic conditions of Minnesota? Yes No
- C. Will the proposed change encourage more uniform enforcement? Yes No
- D. Will the proposed change remedy a problem? Yes No
- E. Does the proposal delete a current Minnesota Rule, chapter amendment? Yes No
- F. Would this proposed change be appropriate through the ICC code development process? Yes No

Proposed Language

1. The proposed code change is meant to:

- Change language contained the model code book? If so, list section(s).
This would delete the model code language and replace with an amended MN amendment.
- change language contained in an existing amendment in Minnesota Rule? If so, list Rule part(s).
This would change MR 1341.0604 Subpart 3 Section 604.7.
- delete language contained in the model code book? If so, list section(s).
A117.1 Section 604.7 and 604.7.1
- delete language contained in an existing amendment in Minnesota Rule? If so, list Rule part(s).
- add new language that is not found in the model code book or in Minnesota Rule.

2. Is this proposed code change required by Minnesota Statute? If so, please provide the citation.

3. Provide *specific* language you would like to see changed. Indicate proposed new words with underlining and ~~strikethrough~~ words proposed for deletion. Include the entire code (sub) section or rule subpart that contains your proposed changes.

(NOTE: Black = existing 1341 language. Teal Blue Underline = proposed amendment to 1341 taken from new A117.1 Green & Red strikeout = relocated sentence to align w/ model code.)

604.7 Dispensers.

Toilet paper dispensers shall comply with section 309.4 and 609.3. Dispensers shall not be of the type that control delivery, or do not allow continuous paper flow.

604.7.1 Location. Dispensers located above the grab bar shall be recessed between the top of the grab bar to 12 inches minimum above the grab bar. The outlet of the dispenser shall be located within an area 24 inches (610 mm) minimum and 36 inches (915 mm) maximum from the rear wall, at a height of 48 inches maximum. Where the dispenser is located below the grab bar, the outlet of the dispenser shall be located within an area 24 inches (610 mm) minimum and 42 inches (1065 mm) maximum from the rear wall. The outlet of the dispenser shall be located 18 inches (455 mm) minimum and 48 inches (1220 mm) maximum above the floor. ~~Dispensers shall comply with section 609.3. Dispensers shall not be of the type that control delivery, or do not allow continuous paper flow.~~ (note: relocated these sentences to the charging paragraph to align with placement of the language in A117.1)

Exceptions:

1. Toilet paper dispensers that accommodate a maximum of 2 toilet paper rolls of not more than 5-inch (125 mm) diameter each shall be permitted to be located 7 inches (180 mm) minimum and 9 inches (230 mm) maximum in front of the water closet measured to the centerline of the dispenser. The outlet of the dispenser shall be 15 inches (380 mm) minimum and 48 inches (1220 mm) maximum above the floor.
2. Recessed dispensers projecting from the wall ¼ inch (6.4 mm) maximum measured from the face of the dispenser shall be permitted within the 12-inch space above and the 1½-inch spaces below and at the ends of the grab bar.

(Note: keep all the new figures associated with 604.7.1. They illustrate the above language)

4. Will this proposed code change impact other sections of a model code book or an amendment in Minnesota Rule? If so, please list the affected sections or rule parts.

No

Need and Reason

1. Why is the proposed code change needed? Please provide a general explanation as well as a specific explanation for any changes to numerical values (heights, area, etc.)
This change will get the MN amendment language closer to the model code language while still maintaining the MN requirement for dispensers located above the grab bar to be recessed and clarifying that the maximum reach height for dispensers is 48" regardless of if they are recessed or not.
2. Why is the proposed code change a reasonable solution?
It will get the MN amendment language closer to the model code language and add some clarification for recessed dispensers above the grab bar.
3. What other factors should the TAG consider?
N/A

Cost/Benefit Analysis

1. Will the proposed code change increase or decrease costs? Please explain and provide estimates if possible.

N/A

2. If there is an increased cost, will this cost be offset by a safety or other benefit? Please explain. If the benefit is quantifiable (for example energy savings), provide an estimate if possible.

N/A

3. If there is a cost increase, who will bear the costs? This can include government units, businesses, and individuals.

N/A

4. Are there any enforcement or compliance cost increases or decreases with the proposed code change? Please explain.

N/A

5. Will the cost of complying with the proposed code change in the first year after the rule takes effect exceed \$25,000 for any one small business or small city ([Minn. Stat. § 14.127](#))? A small business is any business that has less than 50 full-time employees. A small city is any statutory or home rule charter city that has less than ten full-time employees. Please explain.

No.

Regulatory Analysis

1. What parties or segments of industry are affected by this proposed code change?

Architects, designers, property owners and businesses.

2. Can you think of other means or methods to achieve the purpose of the proposed code change? What might someone opposed to this code change suggest instead? Please explain what the alternatives are and why your proposed change is the preferred method or means to achieve the desired result.

No

3. What are the probable costs or consequences of not adopting the code change, including those costs or consequences borne by identifiable categories of affected parties, such as separate classes of government units, businesses, or individuals?

The consequence of not maintaining this MN amendment would be the loss of a clearer and more specific requirement for what to do with dispensers above grab bars.

4. Are you aware of any federal or state regulation or requirement related to this proposed code change? If so, please list the federal or state regulation or requirement and your assessment of any differences between the proposed code change and the federal regulation or requirement.

No

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CODE CHANGE PROPOSAL FORM

(Must be submitted electronically)

Author/requestor: Karen Gridley

Date: 5/28/2024

Email address: karen.gridley@state.mn.us

Model Code: ANSI A117.1

Telephone number: 651-284-5877

Code or Rule Section: A117.1 604.9.5.1 and 604.9.5.2

Association affiliation, if any: CCLD Topic: Toe Clearance at wheelchair accessible toilet compartments

Code or rule section to be changed: A117.1 604.9.5.1 and 604.9.5.2, add exceptions.

Intended for Technical Advisory Group ("TAG"): 1341

General Information

Yes **No**

- | | | |
|--|-------------------------------------|-------------------------------------|
| A. Is the proposed change unique to the State of Minnesota? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| B. Is the proposed change required due to climatic conditions of Minnesota? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| C. Will the proposed change encourage more uniform enforcement? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| D. Will the proposed change remedy a problem? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| E. Does the proposal delete a current Minnesota Rule, chapter amendment? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| F. Would this proposed change be appropriate through the ICC code development process? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Proposed Language

1. The proposed code change is meant to:

- Change language contained the model code book? If so, list section(s).
- change language contained in an existing amendment in Minnesota Rule? If so, list Rule part(s).
- delete language contained in the model code book? If so, list section(s).
- delete language contained in an existing amendment in Minnesota Rule? If so, list Rule part(s).
- add new language that is not found in the model code book or in Minnesota Rule.
This would add a new exception from toe clearance requirements in adult use and children's use toilet compartments.

2. Is this proposed code change required by Minnesota Statute? If so, please provide the citation.
No.

3. Provide *specific* language you would like to see changed. Indicate proposed new words with underlining and ~~striketrough~~ words proposed for deletion. Include the entire code (sub) section or rule subpart that contains your proposed changes.

(Note: Purple = proposed MN amendment.)

604.9.5.1 Toe clearance at wheelchair accessible toilet compartments.

The front partition and at least one side partition of wheelchair accessible toilet compartments shall provide a toe clearance of 12 inches (305 mm) minimum above the floor and extending 8 inches (205 mm) beyond the compartment side face of the partition, exclusive of partition support members.

Exceptions:

1. 1.Toe clearance at the front partition is not required in a wheelchair accessible toilet compartment greater than 64 inches (1625 mm) in depth with a wall-hung water closet, or greater than 67 inches (1700 mm) in depth with a floor-mounted water closet.
2. 2.Toe clearance at the side partition is not required in a wheelchair accessible toilet compartment greater than 68 inches (1725 mm) in width.
3. Toe clearance is not required in a wheelchair accessible compartment that includes a turning space complying with Section 304.

604.9.5.2 Toe clearance at wheelchair accessible toilet compartments for children's use.

The front partition and at least one side partition of wheelchair accessible toilet compartments primarily for children's use shall provide a toe clearance of 12 inches (305 mm) minimum above the floor and extending 8 inches (205 mm) beyond the wheelchair accessible toilet compartment side face of the partition, exclusive of partition support members.

Exceptions:

1. 1.Toe clearance at the front partition is not required in a wheelchair accessible toilet compartment greater than 67 inches (1700 mm) in depth.
2. 2.Toe clearance at the side partition is not required in a wheelchair accessible toilet compartment greater than 68 inches (1725 mm) in width.
3. Toe clearance is not required in a wheelchair accessible compartment that includes a turning space complying with Section 304.

4. Will this proposed code change impact other sections of a model code book or an amendment in Minnesota Rule? If so, please list the affected sections or rule parts.

No

Need and Reason

1. Why is the proposed code change needed? Please provide a general explanation as well as a specific explanation for any changes to numerical values (heights, area, etc.)
It will coordinate with Sections 604.3 and 609.2 which have MN amendments that require a larger clearance around toilets and in wheelchair compartments, which may result in compartments large enough to provide a turning space within the compartment without needing to make use of toe clearance under the partition walls. The purpose of the toe clearances is to allow a person using a mobility device to make a turn inside a smaller sized toilet compartment. But with a turning space in the compartment the need for toe clearance under the partitions is not needed.

2. Why is the proposed code change a reasonable solution?

To coordinate with and provide an allowance for the size of wheelchair compartment and toilet clearance requirements that are already required to be larger by MN amendment.

The new T-shaped turning space will work well to keep the width of the toilet compartments at 60" if the depth of the compartment can accommodate the new wider 64"-68" dimensions of the arms of the T shape beyond the toilet. The T-shape would be oriented sideways in the compartment in lieu of needing the larger space required for the 67" turning circle.

This change was also approved by the A117.1 Committee for the 2025 edition of the Standard.

3. What other factors should the TAG consider?

None.

Cost/Benefit Analysis

1. Will the proposed code change increase or decrease costs? Please explain and provide estimates if possible.

Decrease. By providing another exception.

2. If there is an increased cost, will this cost be offset by a safety or other benefit? Please explain. If the benefit is quantifiable (for example energy savings), provide an estimate if possible.

n/a

3. If there is a cost increase, who will bear the costs? This can include government units, businesses, and individuals.

n/a

4. Are there any enforcement or compliance cost increases or decreases with the proposed code change? Please explain.

n/a

5. Will the cost of complying with the proposed code change in the first year after the rule takes effect exceed \$25,000 for any one small business or small city ([Minn. Stat. § 14.127](#))? A small business is any business that has less than 50 full-time employees. A small city is any statutory or home rule charter city that has less than ten full-time employees. Please explain.

No.

Regulatory Analysis

1. What parties or segments of industry are affected by this proposed code change?

Architects, designers, code officials and inspectors, property owners and businesses.

2. Can you think of other means or methods to achieve the purpose of the proposed code change? What might someone opposed to this code change suggest instead? Please explain what the

alternatives are and why your proposed change is the preferred method or means to achieve the desired result.

No

3. What are the probable costs or consequences of not adopting the code change, including those costs or consequences borne by identifiable categories of affected parties, such as separate classes of government units, businesses, or individuals?

The consequence of not making this change would result in unnecessarily large toilet compartments where toe clearance isn't available.

4. Are you aware of any federal or state regulation or requirement related to this proposed code change? If so, please list the federal or state regulation or requirement and your assessment of any differences between the proposed code change and the federal regulation or requirement.

No

***Note: Incomplete forms may be returned to the submitter with instruction to complete the form. Only completed forms can considered by the TAG.



CODE CHANGE PROPOSAL FORM

(Must be submitted electronically)

Author/requestor: Karen Gridley

Date: 5/28/2024

Email address: karen.gridley@state.mn.us

Model Code: ANSI A117.1

Telephone number: 651-284-5877

Code or Rule Section: A117.1 608.2.2.3

Association affiliation, if any: CCLD

Topic: Shower seat exceptions for accessible showers

Code or rule section to be changed: A117.1 608.2.2.3 new exceptions.

Intended for Technical Advisory Group ("TAG"): 1341

General Information

Yes **No**

- | | | |
|--|-------------------------------------|-------------------------------------|
| A. Is the proposed change unique to the State of Minnesota? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| B. Is the proposed change required due to climatic conditions of Minnesota? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| C. Will the proposed change encourage more uniform enforcement? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| D. Will the proposed change remedy a problem? | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| E. Does the proposal delete a current Minnesota Rule, chapter amendment? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| F. Would this proposed change be appropriate through the ICC code development process? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

Proposed Language

1. The proposed code change is meant to:

- Change language contained the model code book? If so, list section(s).
- change language contained in an existing amendment in Minnesota Rule? If so, list Rule part(s).
- delete language contained in the model code book? If so, list section(s).
- delete language contained in an existing amendment in Minnesota Rule? If so, list Rule part(s).

add new language that is not found in the model code book or in Minnesota Rule.

This would add 2 new exceptions from shower seat requirements in accessible showers. One for I-3 correctional facilities, and one for assisted living environments.

2. Is this proposed code change required by Minnesota Statute? If so, please provide the citation.
No.

3. Provide *specific* language you would like to see changed. Indicate proposed new words with underlining and ~~striketrough~~ words proposed for deletion. Include the entire code (sub) section or rule subpart that contains your proposed changes.

(Note: Purple = proposed MN amendment.)

608.2.1 Transfer-type shower compartments.

Transfer-type shower compartments shall comply with Section 608.2.1.

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608.2.1.3 Seat.

A folding or non-folding seat complying with Section 610 shall be provided on the wall opposite the control wall.

Exceptions:

1. A seat is not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of a shower seat.
2. A seat is not required to be installed in a shower in I-3 occupancies where ligature resistant elements are determined to be necessary by the authority having jurisdiction due to concerns for security or safety. A portable shower seat shall be permitted.
3. A wall mounted folding or non-folding seat is not required to be installed in shower compartments designed for assisted bathing.

608.2.2 Standard roll-in-type shower compartments.

Standard roll-in-type shower compartments shall comply with Section 608.2.2.

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608.2.2.3 Seat.

A folding seat complying with Section 610 shall be provided on an end wall.

Exceptions:

1. 1.A seat is not required to be installed in a shower for a single occupant accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of a shower seat.
2. 2.A fixed seat shall be permitted where the seat does not overlap the minimum clear inside dimension required by Section 608.2.2.1.
3. A seat is not required to be installed in a shower in I-3 occupancies where ligature resistant elements are determined to be necessary by the authority having jurisdiction due to concerns for security or safety. A portable shower seat shall be permitted.
4. A wall mounted folding or non-folding seat is not required to be installed in shower compartments designed for assisted bathing.

608.2.3 Alternate roll-in-type shower compartments.

Alternate roll-in-type shower compartments shall comply with Section 608.2.3.

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608.2.3.2 Seat.

A folding seat complying with Section 610 shall be provided on the seat wall opposite the back wall.

Exceptions:

1. A seat is not required to be installed in a shower for a single occupant, accessed only through a private office and not for common use or public use, provided reinforcement has been installed in walls and located so as to permit the installation of a shower seat.
2. A seat is not required to be installed in a shower in I-3 occupancies where ligature resistant elements are determined to be necessary by the authority having jurisdiction due to concerns for security or safety. A portable shower seat shall be permitted.
3. A wall mounted folding or non-folding seat is not required to be installed in shower compartments designed for assisted bathing.

4. Will this proposed code change impact other sections of a model code book or an amendment in Minnesota Rule? If so, please list the affected sections or rule parts.

No. The allowance for assisted bathing facilities coordinates with new exceptions in Chapter 11 Scoping.

Need and Reason

1. Why is the proposed code change needed? Please provide a general explanation as well as a specific explanation for any changes to numerical values (heights, area, etc.)

The new exception for I-3 occupancies is necessary to align with the Department of Corrections restriction on fixed shower seats and elements that pose a safety and security risk. Corrections departments and entities consistently make alternate requests to use portable shower seats on an as needed basis due to their restriction on fixed shower seats. Adding this exception to the code will eliminate the need for the alternate means request on every corrections facility project.

The new exception for assisted bathing facilities is necessary to align with new requirements for assisted living toileting and bathing facilities where fixed shower seats are not allowed. And also, to align with MDH statutes that do not require shower seats in assisted living facilities. Portable shower seats are more appropriate in bathing facilities designed for assisted living so that the care provider can more effectively provide showering or bathing assistance to the person receiving assistance.

2. Why is the proposed code change a reasonable solution?

See # 1.

3. What other factors should the TAG consider?

None.

Cost/Benefit Analysis

1. Will the proposed code change increase or decrease costs? Please explain and provide estimates if possible.

Decrease. By providing another exception.

2. If there is an increased cost, will this cost be offset by a safety or other benefit? Please explain. If the benefit is quantifiable (for example energy savings), provide an estimate if possible.
n/a
3. If there is a cost increase, who will bear the costs? This can include government units, businesses, and individuals.
n/a
4. Are there any enforcement or compliance cost increases or decreases with the proposed code change? Please explain.
n/a
5. Will the cost of complying with the proposed code change in the first year after the rule takes effect exceed \$25,000 for any one small business or small city ([Minn. Stat. § 14.127](#))? A small business is any business that has less than 50 full-time employees. A small city is any statutory or home rule charter city that has less than ten full-time employees. Please explain.

No.

Regulatory Analysis

1. What parties or segments of industry are affected by this proposed code change?

Architects, designers, code officials and inspectors, property owners and businesses.
2. Can you think of other means or methods to achieve the purpose of the proposed code change? What might someone opposed to this code change suggest instead? Please explain what the alternatives are and why your proposed change is the preferred method or means to achieve the desired result.
No
3. What are the probable costs or consequences of not adopting the code change, including those costs or consequences borne by identifiable categories of affected parties, such as separate classes of government units, businesses, or individuals?
The consequence of not making this change would result in potential safety and security issues in I-3 correctional facilities, and, increased difficulty of provide bathing services in assisted living facilities.
4. Are you aware of any federal or state regulation or requirement related to this proposed code change? If so, please list the federal or state regulation or requirement and your assessment of any differences between the proposed code change and the federal regulation or requirement.
For the I-3 exception, a similar exemption for hand showers on a hose in correctional facilities is provided in the A117.1 portion of the code.
For the assisted living exemption, similar language is provided in IBC Chapter 11 with new allowances for assisted living facilities.

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