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# STANDATA bulletin 20-PCB-006

## Plumbing

### Drainage and venting requirements for floor sinks

Date Issued: April 2023

Page 1 of 1

#### Purpose

This notice is to ensure that designers, safety codes officers, and installers are aware that provisions in the Plumbing Code Regulation and National Plumbing Code of Canada (NPC) 2020 must be used for the installation of *floor drains* and *fixtures* that discharge into them. The intent of these requirements is to limit the probability that waste will be improperly directed, which could lead to backflow, exposure to contaminated waste, and harm to persons.

#### Discussion

This bulletin informs the plumbing industry of the installation requirements for floor sinks. Floor sinks are a generic name for a style of floor drain (typical models have removable grates and sediment bucket) and do **not** remove the requirements for fixtures that discharge into them. A floor sink is a style of floor drain and must **not** accept discharge from a fixture required to be directly connected.

#### National Plumbing Code (NPC) 2020 Division B

##### 2.4.2. Connections to Drainage Systems

##### 2.4.2.1. Connections to Sanitary Drainage Systems

1. Only drinking fountains and those fixtures identified in the above code references would qualify for indirect discharge into a properly installed “floor sink.”
2. All other fixtures would require direct connection as indicated in the NPC 2020.
3. The developed length of every fixture outlet pipe shall **not** exceed 1200 mm – NPC 2020 **2.4.8.2. Division B.**
4. Every fixture shall be protected by a separate trap except as identified in NPC 2020 **2.4.5.1. Division B.**

Note: This information is not intended to limit the use of floor drains where required.

Unless stated otherwise, all Code references in this STANDATA are to the National Plumbing Code of Canada 2020

Issued by the Provincial Plumbing Administrator

*Original signed*

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