



**Summary of Substantive Changes
between the 2014 and the 2015 editions of
NSF/ANSI 2 “Food equipment”**

Presented to the IAPMO Standards Review Committee on September 12, 2016

General: The changes to this standard might have an impact on currently listed products. The significant changes are:

- Added an additional limitation on the use of sealants (see Section 4.7)
- Added an exception to the limited radii requirements of internal angles and corners (see Section 5.2.1.3)
- Added a new requirement that gliders not create upward facing recesses when installed (see Section 5.22).

Section 4, Materials: Added an additional limitation on the use of sealants as follows:

[4.7 Sealants](#)

[Sealants shall meet the requirements for the zone of intended use and shall only be used as permitted in 5.4.4 and 5.5.2.](#)

5.2 Internal angles and corners, food zone: Added an exception to the limited radii requirements of internal angles and corners as follows:

[5.2.1.3 Lesser radii may be used only when necessary to ensure proper functioning of parts such as:](#)

[- sealing ring grooves](#)

[- precision operating parts](#)

[provided they are easily cleanable.](#)

Section 5, Design and construction: Revised the design and construction requirements for gliders and casters including adding a new requirement that gliders not create upward facing recesses when installed as follows:

5.22 ~~Casters, rollers, and Gliders~~

5.22.1 ~~Casters, rollers, and Gliders~~ shall meet the construction and materials requirements for nonfood zones.

5.22.2 ~~Casters, rollers, and Gliders~~ shall be easily cleanable.

[5.22.3 Gliders shall not create upward facing recesses and/or pockets when installed.](#)

[5.23 Casters](#)

[5.23.1 Casters shall meet the construction and material requirements for nonfood zones.](#)

[5.23.2 Casters shall be easily cleanable.](#)

~~5.22.3~~[5.23.3](#) Tread surfaces shall be smooth and shall preclude scoring, staining, or breaking of floor coverings. Exposed wheel surfaces facing the horn, excluding the hub area, shall be readily accessible. Wheel tread surfaces on motorized food transport cabinets with pneumatic, semi-pneumatic, and conductive wheels need not be smooth.



~~5.22.4~~[5.23.4](#) Caster wheels shall be non-spoked.

~~5.22.5~~[5.23.5](#) If the closest surface of the horn leg parallel to the wheel side is 1.0 in wide (25 mm) or less, a minimum clearance of 1/8 in (0.13 in, 3.2 mm) shall be provided between the sides of the wheels and the horn legs. If the surface is greater than 1.0 in (25 mm) wide, a minimum ¼ in (0.25 in, 6.4 mm) clearance shall be provided.

~~5.22.6~~[5.23.6](#) A minimum clearance of ¼ in (0.25 in, 6.4 mm) shall be provided between the wheel tread and horn assembly. For swivel casters, the minimum clearance shall be 1/8 in (0.13 in, 3.2 mm). Hooded horns with more than a 90° arc of the wheel covered shall not be used.

~~5.22.7~~[5.23.7](#) Grease fittings shall be acceptable.

~~5.22.8~~[5.23.8](#) Brakes and other locking devices are exempt from the caster clearance requirements in

~~5.22.5~~[5.23.5](#) and ~~5.22.6~~[5.23.6](#).