

Task Group on Food Equipment Fabrication
2i39r1 Straw Ballot
January 26, 2021

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Purpose

This ballot is to affirm revised language in Standard 2, regarding Casters in Section 5.23.8.

Background

Issue paper FE-2020-03 suggests revising section 5.23.8 of Standard 2 regarding exemptions for certain types pieces of certain casters. The proponent contends that their new design of leveling caster performs functionally as a brake and should be treated as such. The current language however is not overtly inclusive and therefore and update to the language would provide clarity.

An earlier issue paper was presented during the 2019 Face-to-Face meeting, which focused on an exemption. The group requested the proponent rewrite the issue paper with specific language to be added and/or revised, and this new issue paper would be sent to the Task Group on Food Equipment Fabrication.

This issue paper was submitted, and the TG group spent a few minutes introducing the paper during the October 27, 2020 meeting, and substantial time discussing the specific language during the January 12, 2021 meeting.

After the detailed discourse and presentation from the proponent, the group motioned this to straw ballot as presented in the original issue paper.

The **grey highlighted** portions of the language are proposed additions to the language of the standard. The ~~strikeout~~ portions of the language are proposed deletions to the language of the standard.

An **affirmative (yes) vote** on this straw ballot means you agree with the revised language as submitted.

A **negative (no) vote** on this straw ballot means you disagree with the revised language as submitted. A negative vote must include an explanation of why you disagree with the revised draft.

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[Note – the recommended changes to the standard which include the current text of the relevant section(s) indicate deletions by use of ~~strikeout~~ and additions by grey highlighting. Rationale Statements are in *red italics* and only used to add clarity; these statements will NOT be in the finished publication.]

NSF International Standard/ American National Standard –

Food equipment

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5 Design and construction

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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.

5.23.3 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.

5.23.4 Caster wheels shall be nonspoked.

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 $\frac{1}{8}$ 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 $\frac{1}{4}$ in (0.25 in, 6.4 mm) clearance shall be provided.

5.23.6 A minimum clearance of $\frac{1}{4}$ 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 $\frac{1}{8}$ in (0.13 in, 3.2 mm). Hooded horns with more than a 90° arc of the wheel covered shall not be used.

5.23.7 Grease fittings shall be acceptable.

5.23.8 Brakes, and other locking devices, and leveling foot pads are exempt from the caster clearance requirements in Sections 5.23.5 and 5.23.6.

Rationale: The proposed language revision is intended to include new technology foot pads that act as both a leveling device and a brake.