MEMORANDUM

TO: NSF Joint Committee on Food Equipment

FROM: Michael Perez, Joint Committee Chair

DATE: January 17, 2013

SUBJECT: Proposed revision to NSF/ANSI 2 – Food Equipment (2i24r2)

Draft 2 of NSF/ANSI 2, issue 24 is being forwarded to the Joint Committee on Food Equipment for consideration. Please review the changes proposed to this standard and submit your ballot by February 7, 2013 via the NSF Online Workspace (http://standards.nsf.org).

Purpose
The purpose of this ballot is to affirm the proposed new language for defining the use of gliders in section 5.22 in NSF/ANSI 2.

Background
During its June 2012 meeting, the Joint Committee on Food Equipment reviewed issue document FE-2012-14 (STOVESHOES®). The joint committee granted a temporary exception that permitted STOVESHOES® to retain NSF certification until permanent design and construction requirement were written and balloted into NF/ANSI 2.

STOVESHOES® are sliders or coasters designed for use in commercial foodservice applications and are placed under the legs of equipment to facilitate the movement of equipment.

The manufacturer states that the material used is a high density (rated at 4,000 psi), impact and chemical resistant material and is machined to standards that are unique for use in commercial kitchens. The same material is used in heavy industry where the use of steel is not an option. STOVESHOES® are extremely durable while maintaining a smooth slippery surface. Prior to introduction, a two year test period was conducted at the manufacturer’s facility and in restaurants. During the test period, the product did not fracture and did not show measurable wear.

The task group has proposed new design and construction requirements as 5.22.1 governing this type of equipment accessory. Under this proposal, casters are now covered in section 5.23.

A copy of sections 5.22 and 5.23 are included with this ballot as a supporting document.

Public Health Impact:
The proposed changes have no negative impact on public health.

If you have any questions about the technical content of the ballot, you may contact me in care of:

Chairperson, Joint Committee
c/o Joint Committee Secretariat, Al Rose
NSF International
Tel: (734) 827-3817
aroise@nsf.org
5 Design and construction

This section contains design and construction requirements for equipment covered within the scope of this Standard.

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.

5.23.3 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 non-spoked.

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 are exempt from the caster clearance requirements in 5.23.5 and 5.23.6.