MEMORANDUM

TO: Joint Committee on Plastics and RV Plumbing Components

FROM: Robert Powitz, Chairperson

DATE: November 3, 2014

SUBJECT: Proposed revision to NSF/ANSI 14, Plastics piping system components and related materials (14i67r1)

On behalf of Ata Ciechanowski, issue proponent, enclosed for your vote and review is draft 1 of NSF/ANSI 14, issue 67 on Section 5.4. Please review the changes proposed to this standard and return your ballot by November 24, 2014 via the NSF Online Workspace.

Purpose
The proposed revision is to update section 5.4.

Background
Certain product standards such as ASTM F876 and ASTM F656 require the out of roundness (OOR) to be performed either prior to coiling or prior to shipment since the OOR value could change during those two operations. The intent of this issue paper is to add a note stating that OOR is to be performed based on the requirement of the product standard.

Public Health Impact
These changes will have a positive impact on public health.

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

Robert Powitz, Chairperson, Joint Committee on Plastics and RV plumbing components
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Plastics piping system components
and related materials

5.4 Critical dimensions

Plastic piping system components shall comply with the critical dimensions of the applicable standards as referenced in 2 of this Standard. For pipe and spigot ends of fittings, the critical dimensions shall be the minimum wall thickness, outside diameter, and out-of-roundness. For pipe intended to be used with insert-type fittings such as PE, PEX, PEX-AL-PEX or PE-AL-PE, the critical dimensions are the minimum wall thickness, the maximum wall thickness and outside diameter. For socket or threaded fittings, the critical dimensions are the minimum wall thickness, socket entrance diameter, bottom diameter, out-of-roundness, socket depth, threads (as measured with thread gauges), and thread length. For other fittings, critical dimensions are those specified in the normative reference standard.

Out-of-roundness requirement shall apply at the time of manufacture (i.e., before shipment or coiling), if such requirement applies per the product standard.