TO: Joint Committee on Food Equipment

FROM: Michael Perez, Chair of the Joint Committee

DATE: November 6, 2023

SUBJECT: Proposed revision to NSF/ANSI 3 – *Warewashing Equipment* (3i10r2)

Revision 1 of NSF/ANSI 12, issues 17 and 18 are presented to the Joint Committee on Food Equipment (JCFE) for consideration. Please review the proposed new language and **submit your ballot by November 29, 2023** via the NSF Online Workspace <www.standards.nsf.org>. Log in at https:///standards.nsf.org/kps.

When adding comments, please include the section number for your comment and add all comments under one comment number whenever possible. If additional space is needed you may upload a MS Word or .PDF version of your comments directly to the NSF Online Workspace.

Purpose

The purpose of this ballot is to approve revised language regarding the incubation time and serial density of *P. fluorescens* in Normative Annex 1 of Standard 12.

Background

Issue papers FE-2023-10 and -11 propose revised language regarding the incubation time and serial density in the culturing of *P. fluorescens* in Normative Annex 1. The proponent contends the current language is inconsistent between inoculum preparation and final testing, and the proposed language harmonizes the subsections within section 1.8 of this normative annex.

Language proposed in both issue papers is presented here as revision 1 for your consideration.

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

Michael Perez
Chair, Joint Committee on Food Equipment
c/o Allan Rose
Joint Committee Secretariat
NSF International
Tel: (734) 827-3817
Email: arose@nsf.org

Not for publication. This document is part of the NSF International standard development process. This draft text is for circulation for review and/or approval by a NSF Standards Committee and has not been published or otherwise officially adopted. All rights reserved. This document may be reproduced for informational purposes only.

[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/ANSI Standard
for Food Equipment –

Automatic Ice Making Equipment

•

Normative Annex 1

Procedures for the preparation of test media

•

N-1.8 Culture of *P. fluorescens*

•

N-1.8.2 Challenge culture preparation

d) ~~Serial dilutions of *P. fluorescens* suspension (10_4 to 10_8) shall be made using sterile PBS~~. Serial dilutions (10^{-4} to 10^{-8}) of *P. fluorescens* suspension shall be made using sterile PBS. ~~10_6 to 10_8~~ 10^{-6} to 10^{-8} dilutions shall be plated in triplicate on ~~TSA~~ PFA plates. Test sample shall be inverted and incubated at 26 ± 1 °C (79 ± 2 °F) for ~~24~~ 48 h. Remaining *P. fluorescens* suspension shall be refrigerated at 3 ± 2 °C (37.4 ± 3 °F).

•

N-1.8.4 Negative control

a) For the negative control samples, a 100 mL sample shall be aseptically processed using the membrane filter technique. A mixed cellulose ester membrane with a pore size of 0.45 µm shall be utilized. Test sample shall be plated on PFA, inverted, and incubated at 26 ± 1 °C (79 ± 2 °F) for ~~24~~ 48 h.

•

N-1.8.4 Positive challenge culture control

a) For the positive challenge control samples, serial dilutions of the samples (10^0 to 10^{-4}) shall be made using SBDW. 10^{-4} and 10^{-5} dilutions shall be processed aseptically using the membrane filter technique. Test sample shall be plated on PFA, inverted, and incubated at 26 ± 1 °C (79 ± 2 °F) for ~~24~~ 48 h.

***Rationale**: These revisions harmonize subsections within section 1.8 and consistency between inoculum preparation and final testing.*

NSF Confidential