TO: Joint Committee on Biosafety Cabinetry

FROM: Robert W. Powitz, Chairperson of the Joint Committee

DATE: March 30, 2023

SUBJECT: Proposed revision to NSF/ANSI 49 – *Biosafety Cabinetry: Design, Construction, Performance and Field Certification* (49i179r1)

Revision 1 of NSF/ANSI 49 issue 179 is being forwarded to the Joint Committee for balloting. Please review the changes proposed to this standard and **submit your ballot by April 20, 2023** via the NSF Online Workspace <www.standards.nsf.org>.

When adding comments, please identify the section number/name for your comment and add all comments under one comment number where possible. If you need additional space, please upload a word or pdf version of your comments online via the browse function.

Purpose

The purpose of this ballot is to affirm new language related to the requirements for canopy connections in Section 5 of Standard 49.

Background

Issue paper **BSC-2023-05 – Canopy Requirements** highlighted the benefits of having data plates and/or model numbers for canopy connections. There are currently no requirements for these which means when new or revised designs are submitted, the documentation is ambiguous. The current listing implies any canopy connection is approved as acceptable which is up for interpretation.

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:

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Chairperson, Joint Committee
Allan Rose
c/o Joint Committee Secretariat
NSF
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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/ANSI International Standard for Biosafety Cabinetry —

Biosafety Cabinetry: Design, Construction, Performance, and Field Certification

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Design and Construction

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5.32 Data plate(s)

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5.32.3 A canopy connection is not required. However, when a canopy is submitted for approval as an acceptable option, it shall have a physical data plate including all of the following information:

— manufacturer's name and address;
— canopy model number;
— canopy serial number

***Rationale**: new language to eliminate ambiguity by adding a requirement for canopy connections listed as acceptable options to have a data plate with a model number.*