Task Group on Vending Machines  
Teleconference Meeting Summary  
May 16, 2017

Participating Members:  
Bob Corrao (J.M. Smucker Company)  
Jim Collins (Automated Merchandising Systems)  
Bryan Laird (Primo Water Corporation)  
Tony Gagliardi (consultant – public health)  
Larry Eils (NAMA)  
Kelli Fall (NSF International)  
Tom Johnson (Qlean Tech Enterprises)  

Absent Members:  
Dipak Negandhi (Manitowoc Ice, Inc.)  
Jonathan Brania (Underwriters Laboratories)  
Dale Gallmann (Crane Merchandising Systems)  
Girvin Liggans (Food and Drug Administration)  
Philip McCrory (Consultant)  
Stephen Schaefer (Hoshizaki America, Inc.)  
Tom Conti (Glacier Water)  
Tom McNeil (U.S. Army)  

Participating observers:  
Al Rose (NSF International)  
Bill Larson (Nor-Lake, Inc.)  

Supplemental Materials Referenced  
1) Meeting Summary - TG on Vending Machines - 2017-03-07 - Draft.pdf  
3) 300 CABINET EXTERIOR.docx

Discussion
D. Negandhi was unavailable for this meeting so A. Rose welcomed everyone and called the meeting to order, indicating that he would be acting chair today. He then read the anti-trust statement and took attendance. Seven of the 15 voting members were present (47%) which did not represent a quorum. A. Rose then made a call for membership, stating that the Joint Committee for Food Equipment was in need of Public Health Category Representatives and to send interested parties his contact information.

A. Rose confirmed that everyone had received the agenda, and asked if there were any suggested changes; there were none and although there was no quorum, the group agreed to proceed.

A. Rose reminded the group of the need to publish Standard 25 within the upcoming 5-year cycle, and that this issue was presented to do so during the previous teleconference. He added the approval ballot process had completed in early May with unanimous voting on both the JC and the CPHC (28:0:0 and 16:0:0 respectively), and that the standard would be published in the next couple week.

Floor was opened for comments; there were none

Topic #2 – Progress on other NAMA sections - General
A. Rose confirmed that updates from group volunteers regarding other sections of NAMA, especially from L. Eils and K. Fall, have been drafted and are in the process of being formatted into Straw ballots for critique over the next several weeks. He added that since there are 4 or 5 more sections to go through, and having these complete prior to the next teleconference would be most productive, as well
as the full JC face-to-face in August, the most logical approach would be holding the next Vending TG teleconference in and around September 19 or October 10. T.Johnson Johnson suggested it would be nice to do this sooner as that would be 4 – 5 months out. A.Rose confirmed he would have a doodle poll sent out soon, and would add a 3 day to the choices that was sooner than September 19.

Floor was opened for comments; there were none

**Topic #3 – Progress on other NAMA sections – Section 300**

A.Rose presented the next language planned for straw ballot with this group, Section 300. K.Fall confirmed she wrote this up starting with L.Eil’s first draft, in the same format as the other straw ballots.

Floor was opened for comments

B.Corrao asked K.Fall to clarify the meanings of the highlights and fonts, specifically the yellow highlights. K.Fall explained the format, and specifically that the yellow highlights show the specific wording within NSF/ANSI Standards that does cover the requirements in NAMA. Within the same paragraphs, there are sometimes words not applicable to the specific discussion and those were left un-highlighted.

T.Johnson then added as a confirmation question in the following paragraph . . .

> 5.1.1 Vending machines shall be designed and manufactured to prevent the harborage of vermin and the accumulation of dirt and debris, and to permit the inspection, maintenance, servicing, and cleaning of the equipment and its components.

‘inspection, maintenance, servicing and” are not needed to compare against NSF/ANSI; K.Fall agreed

To this T.Johnson suggested there needs to be a sanitization step for every part of every standard, and K.Fall responded that we don’t actually require sanitization steps for every part of every standard, for instance in this standard that would include the handle of the vending machine. T.Johnson added that it is well known that push buttons require contact with fingers, which are known transmitters of disease and should therefore be addressed.

K.Fall reminded the group that this is only a gap analysis between the 2 standards, adding she didn’t disagree with T.Johnson’s statement, and someone can certainly address this concern with a separate issue paper, but the specifics of this current issue are with performing a gap analysis between NAMA and NSF 25 and then later suggesting language to plug any gaps found. The group agreed.

A.Rose asked the group if they would like to scroll line-by-line through the document during the meeting or to simply send this to a straw ballot with this TG, especially since so many members were absent. K.Fall suggested a straw ballot, and L.Eils suggested the group just spend a few minutes looking through this quickly.
The first section in question was 302.1

302.1 Protection Of Vending Stage, Dispensing Nozzles And Chutes

A. Vending Stage.
1) The vending stage shall be protected from dust, insects, rodents and other pests by a self-closing door or panel if there are openings into the cabinet interior at the outlet end of dispensing nozzles or chutes.

2) Doors or panels shall fit and close so that no opening larger than 1.6 mm (1/16 inch) exists.

3) The vending stage need not be equipped with a self-closing door or panel if the stage is designed with a mechanism that makes the dispensing nozzles or chutes inaccessible when the machine is not vending. The vending stage drain shall also be equipped with a device, which will preclude the entrance of insects, rodents and other pests.

L.Eils asked why the language was highlighted in blue; K.Fall confirmed that unlike the previous gap analysis straw ballots on Sections 400 and 500, section 300 appears to have some areas not covered within any NSF/ANSI standards. These were highlighted in blue.

Regarding the specific language, it is difficult even maintaining self-closing doors, although the JC has created so requirements recently in Standard 7. Brief question and answers from T.Johnson to L.Eils, ending with T.Johnson requesting a schematic on this concept. L.Eils agreed to provide a schematic.

This led to a UV question from T.Johnson regarding the existence of a validation on the process, to which L.Eils said he was unaware of one, but this product has been in the field for a long time and he hasn’t heard of any correlated food safety concerns. Bill confirmed their vending cabinets actually have 2 UV sterilizers, including one that cannot be seen.

Next section:

5) Unattended location refrigerated display cases that utilize the cabinet doors as the customer access point shall be equipped with self-closing doors, and cannot have a stay open position on the hinge.

1.2 Scope Vending machine materials and components covered under other NSF or NSF/ANSI Standards or Criteria shall also conform to the requirements therein.

NSF Standard 7 References

9.7.2 Display refrigerators with automatic lockout shall be equipped with:
— an automatic door lock; and
— self-closing door(s); and
— a feature that would allow the door to be unlocked only by an operator/employee or service person.

NOTE — The self-closing feature of a self-closing door is not required to function when the door is opened to a position beyond a 90-degree arc.

Note – NSF 25 does not specify self-closing doors for refrigerated display. However, standard 7 does have a requirement that display refrigerators with automatic lockout must have self-closing doors. NSF std 25 does
require cold food vending machines to have a lock out mechanism, therefore, the requirements of 9.7.2 of Std 7 would apply. However, it may be beneficial to place these requirements in Std. 25 itself. Additionally, Std 7 has a note that allows for the by-pass of the self-closing feature of the door, whereas std 25 does not allow for that provision.)

L.Eils suggested this statement may not be required any longer because the new requirements written into Standard 7. K.Fall said although that may be the case, we should still keep this in the straw ballot for consideration at this point. Group agreed.

A.Rose asked if there was anything else to discuss, and nothing was brought to the floor

A.Rose confirmed the action items:

**Action Items:**

1) L.Eils to provide the group a schematic regarding the vending staging area and self-closing doors
2) A.Rose to adjust Section 300 language into ballot format and send to group in the form of an extended time straw ballot, sometime over the next several days
3) Doodle poll to go out in the next few weeks for the next meeting sometime during Q3 2017

Meeting adjourned