Participating Members:
Dipak Negandhi (A.O. Smith)  Bob Corrao (J.M. Smucker Company)
Larry Eils (NAMA)  Kelli Fall (NSF International)
Girvin Liggans (Food and Drug Administration)  Stephen Schaefer (Hoshizaki America, Inc.)
Tony Gagliardi (consultant – public health)  Bryan Laird (Primo Water Corporation)

Absent Members:
Jim Collins (Automated Merchandising Systems)  Philip McCrory (Consultant)
Dale Gallmann (Crane Merchandising Systems)  Tom Johnson (Qlean Tech Enterprises)
Jonathan Brania (Underwriters Laboratories)  Vilker Siede (HKI)

Participating observers:
Al Rose (NSF International)

Supplemental Materials Referenced
1) NSF_25-17 draft.docx

Discussion
D.Negandhi welcomed everyone and called the meeting to order. A.Rose read the anti-trust statement and took attendance. Eight of the 14 voting members were present (57%) representing a quorum.

A.Rose recapped work thus far, and K.Fall and L.Eils explained the ballot development. D.Negandhi opened the floor for comments.

T.Gagliardi questioned a couple comments related to what he did not consider parts of vending machines. One example:

5.11.2 Covers having slotted openings designed to allow serving utensils to remain in the food shall be exempt from 5.11.1. Slotted openings shall be no larger than 1 1/2 in x 1 in (38 mm x 25 mm) and shall be protected by a raised rim of at least 3/16 in (0.19 in, 5.0 mm).

K.Fall confirmed vending machine types are defined in 170, and provided one example.

3.226 vending machine: A self-service device that, upon insertion of a coin, paper currency, token, card, key, or optional manual operation, dispenses unit servings of food, in bulk or in packages, without the necessity of replenishing the device before or after each vending operation. Unless otherwise stated, the term includes controlled location vending machines.

L.Eils added that some of the language in NAMA is outdated and possibly obsolete, but still refers to the old type machines that required refill, including self-serve ice cream machines, which are still in existence.

L.Eils confirmed he sent questions to discuss, and A.Rose presented these comments to the group.
1. Page 3. What definitions have been added to NSF 170? Note sent to K.Fall and Al on June 14, 2019.

K.Fall confirmed nothing else has been added to 170, and that would require a separate proposal. She added that at this point there are no definitions proposed.

2. Page 4. Item 5.4.2 Concerned has been raised about this sentence: Non-flush-break pop rivets shelled be capped or filled with a food-grade material.” Our concern is why is this required in non-food zone? The back and sides of vending machines are not generally readily accessible because of the way they are positioned on location. Can we make an exception for pop rivets in non-food zones?

D.Negandhi confirmed that language is exactly from Standard 2, which is the boiler plate standard. L.Eils indicated that the NAMA standard does not require to fill rivets. K.Fall reminded the group that this is a Non-food zone, and the TG needs to focus on filling in the gaps between the standards, not removing what is already in Standard 25.

3. Page 7. Item 5.11.7 “Hood mountings for covered pitchers shall be accessible?” Can someone explain what this statement is referring to?

L.Eils was looking for an explanation of what these are. K.Fall reiterated this is boiler plate language that is in many different FE standards.

4. Page 14. Item 5.29.4 NAMA has a reference to an “Air Brake” which has not been picked up for inclusion in the merger. Hot beverage vending machines have this at the entrance to their hot water heater. Can this be added to the merger?

L.Eils asked why there isn’t language for “Air Break”. K.Fall confirmed that was a simply oversight on her part and it will be added prior to sending to ballot. They explained to the group the difference between and “air gap” and an “air break”.

5. Page 16. Item 5.35.3 The wording needs to be revised. Two sections, NAMA 701.2 and 701.3.B.2, were put together which makes the third line difficult to understand.

L.Eils suggested the wording was confusing and this paragraph should be separated into 2 sections:

5.35.3.1 A written procedure for testing the automatic sensor temperature shall be provided to demonstrate that the automatic shutoff control will disable the vending mechanism or otherwise prevent consumer access to potentially hazardous foods, disconnect the sensor from the control. Access to disconnecting the sensor from the control shall be readily accessible and without having to open the door to the food storage compartment.

The group agreed, and L.Eils volunteered to write the new language.
6. Page 21. Item 6.2.1.1 There is no time period specified for the test. Suggest 24 hour minimum test period be added. Follows NAMA Standard specification on page 25 of NAMA standard. Also, do we need to add a statement excluding defrost cycles when calculating average temperatures? Included in NAMA Standard.

K.Fall confirmed the language he seeks is already there two lines below:

The temperature at each thermocouple location shall be recorded every 5 min during a 24-h test period.

7. Page 24. Item 6.4.1.1 In all of the performance tests 5 minutes is being cited as the time being measured. We would like to suggest this time be changed to 15 minutes. The industry has experience where many false shut downs because of electrical or electronic problems which they have no control over, such as dirty power, which causes false readings and shut downs. Testing has shown the longer time works around the electrical or electronic problems.

L.Eils indicated he has found that 5 minutes is too short, and in the NAMA went to 15 minutes because of false readings. K.Fall said this wasn’t updated because the 5 minute test is less restrictive, adding that will be difficult to pass the Public Health community because that loosens the test. Furthermore, this is a big and separate discussion, affecting more than just the vending standard, and would require a different issue paper.

D.Negandhi asked if there were any other questions; there were none so he listed off the action items:

- **K.Fall to incorporate air break language**
- **L.Eils to work on section 5.35.3.1 to separate out into two subsections**
- **K.Fall to send a copy of 170 to L.Eils for evaluation of putting in a new issue paper for definitions**
- **A.Rose will send to straw ballot when complete**

D.Negandhi asked K.Fall if she thought there were going to be any added definitions. She indicated the only one coming to mind would be ‘air break’.

**Motion, T.Gagliardi:** Adjourn

**Second:** K.Fall

**Discussion:** None

**Vote:** All in favor