

**Joint Committee on Food Equipment
Meeting Summary
NSF Headquarters, Ann Arbor Michigan
August 21 – 22, 2019**

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Opening Remarks

M.Perez welcomed the Joint Committee (JC) members and observers and thanked them for their contributions. Following opening remarks, A.Rose conducted roll call. Once the attendance was recorded, A.Rose read the NSF Antitrust Statement and turned the meeting over to the Chair. Twenty-seven of the 30 voting members (90%) were present representing a quorum. Once quorum was established, the meeting was called to order at 1:00 pm.

M.Perez reviewed Robert's Rules of Order and Meeting Conduct emphasizing group participation and allowing everyone to be heard. Only voting members may make a motion, second a motion and vote on a motion. However all attendees may participate in a discussion. There were no questions at the end of his explanation.

Tab A – Agenda, 2018 Meeting summary and Review of Membership

Review of August 22-23, 2018 Meeting Summary

M.Perez reviewed the August 22-23, 2018 Meeting Summary and opened the floor for suggested changes and comments. There were none so he called for a motion:

Motion, S.Schaefer:	To accept the August 22-23, 2018 Meeting Summary
Second:	T.Johnson
Further discussion:	None
Vote:	Twenty-seven in favor, Zero Opposed, Zero Abstain
Motion:	Carries

Review of Agenda

M.Perez reviewed the agenda for this meeting and opened the floor for suggested changes. There were none so Michael called for a motion:

Motion by D.Negandhi:	To accept the agenda for this year's meeting
Second:	J.Brania
Further discussion:	None
Vote:	Twenty-seven in favor, Zero opposed, Zero Abstain
Motion:	Carries

Video Training

A.Rose shared a link on the NSF Online Workspace (NOW) where members and observers can go to learn more about the Standards Development Process:

[Link to Standards Development Process Video](#)

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Review of Membership

M.Perez explained the process of membership and balance of categories, and conducted a call for membership indicating that although the JC was balanced with 10 in each category, the preference is to have 11 in each category. He recognized and thanked the 4 members which have retired since last year's F2F meeting including Randy Dyer, Bryan Hurst, Paul Klouse and Kirk Northcutt.

M.Perez acknowledged the new JCFE member added since the previous meeting, Rick Petersen (PUBLIC HEALTH/REGULATORY). He then highlighted the increased emphasis placed on member participation, detailing the improved voting record, and the fact there were 21 members with a perfect 100% participation with respect to the 21 approval ballots issues since the previous meeting.

M.Perez then provided a special recognition to long time member, Food Equipment Fabrication TG Chair, and soon to be retiring Jim Brady. He further confirmed that Burl Finkelstein would be taking over as TG chair once Jim leaves in November.

NSF 75th Anniversary

Tom Chestnut, Sr. Vice President, Global Food Division for NSF International described many of the highlights of the 75 years NSF has been in existence, confirming it all began with Food Equipment and thanked the many contributors at this meeting.

M.Perez asked if there were any further comments; there were none

Tab C – 2018 Action Items, and List of Issue Papers Received and Assigned since previous meeting

M Perez reported on the various action items from the 2018 JCFE meeting:

2018 JCFE MEETING ACTION ITEMS:

Tab F2 – New Issue Paper FE-2018-08 – Change of NOTE in 5.2.1 of Standard 8

A.Rose to send directly to JC Approval Ballot

JCFE ballot 09-11-2019 33:0:0; CPHC ballot pending (not scheduled)

Tab F3 – New Issue Paper FE-2018-09 – Change of NOTE in 5.4.2 of Standard 21

A.Rose to send directly to JC Approval Ballot

JCFE ballot 09-12-2019 33:0:0; CPHC ballot 10-08-2018 14:1:0;

Issue paper withdrawn 05-03-2019 & replaced with FE-2019-05

Tab F1 – New Issue Paper FE-2018-07 – Glass in Bi-Metal Thermometers

A.Rose to send to TG on Food Equipment Materials

Sent to Standard 51 TG 08-23-2018

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Tab F4 – New Issue Paper FE-2018-10 – Food Shields

A.Rose to send to TG on Food Shields

Sent to Standard 2 foodshields TG 08-23-2019

Tab F5 – New Issue Paper FE-2018-11 – Change of NOTE in Section 5.2.2 of Standard 5

A.Rose to send to TG on Standard 5

Tab F6 – New Issue Paper FE-2018-12 – Change of NOTE in Section 7 of Standard 5

A.Rose to send directly to JC ballot

JCFE ballot 01-29-2019 27:0:0; CPHC ballot 02-22-2019 15:0:0

Tab F7 – New Issue Paper FE-2018-13 – Potable Water Definition

A.Rose to send to Standard 12 Task Group

Sent to Standard 12 TG 08-23-2018

Tab F8 – New Issue Paper FE-2018-14 – ICP Changed to CIP

A.Rose to send to TG on Food Equipment Fabrication

Standard 2 JCFE ballot 03-26-2019 26:0:0

CPHC ballot 05-31-2019 15:0:0

Standard 170 JCFE ballot 03-26-2019 26:0:0

CPHC ballot 07-02-2019 12:0:0

Tab F10 – New Issue Paper FE-2018-15 – Tubing in Cappuccino Machines

A.Rose to send to TG on Hot Food Equipment

JCFE ballot 05-08-2019; CPHC ballot pending (not scheduled)

Tab F11 – New Issue Paper FE-2018-16 – New Biofilm Cleaning Standard

A.Rose to withdraw Issue Paper

Withdrawn 08-23-2018

Tab H1 – New Issue Paper FE-2018-17 – Glass in Food Zone

A.Rose to send to TG on Food Equipment Fabrication

To Standard 2 TG 08-23-2018

Tab H2 – New Issue Paper FE-2018-18 – Dinnerware versus Tableware

A.Rose to send to TG on Food Equipment Fabrication

Standard 2 JC Approval Ballot, 04-17-2019 – 25:0:0

CPHC Ballot pending

Standard 170 JC Approval Ballot 03-25-2019 – 28:0:0

CPHC Ballot 05-09-2019 – 15:0:0

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M.Perez then presented the list of issue papers received & assigned since August 2018, as well as a list of Standards published since that same time.

Issue Papers Received and Assigned Since 2018 JCFE Meeting

Issue Document/Title	TG Assigned
FE-2018-19 - Normative Reference Update	Standard 3
FE-2019-01 - Metric Practice Reference Update	Standard 7
FE-2019-03 – Metric Practice Reference Update	All FE Standards
FE-2019-04 – Surface Cleanability	Standard 51
FE-2019-07 – Dinnerware versus Tableware	Standard 2

Yellow Highlights indicate balloted, completed and published language

Standards Published Since Previous JC Meeting

- 3 – Warewashing Equipment
- 6 – Dispensing Freezers
- 12 – Automatic Ice Making Equipment

M.Perez asked if there were any further comments; there were none

Tab D – Task Group Updates

Tab D1 – Standard 2 (reports included in the 2019 meeting packet)

There are 3 Task Groups reporting up through Standard 2: Food Equipment Fabrication, Food Shields and Figures and Diagrams

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Food Equipment Fabrication

J.Brady is the TG chair, confirming the TG met 3 times since the 2018 JC F2F (face-to-face meeting). He detailed the open issues as well as those completed or to be completed before the next publication scheduled for November 2019. J.Brady spent extra time explaining the open issue of glassware and ceramic ware, with detail about the genesis of the issue and the possible confluence with Standard 51.

M.Perez opened the floor for comments

M.Perez asked if there were plans to solicit manufacturers that produce these products, and J.Brady confirmed there was. D.Melaragno asked if the proposed update to performance testing would include added areas of lead testing, and J.Brady read off the big list of items that might be added to the performance testing.

M.Perez asked if there any other comments; there were none.

Food Shields

P.Matus is the TG chair confirming the TG met 1 time since the 2018 JC F2F. He recapped the one open issue and the discussion during the TG teleconference.

M.Perez opened the floor for comments

Burl indicated his presence on the call and suggested there was a lack of data directly connecting foodborne illness with use/misuse of food shields. Said he called the CDC for work on this subject and to date has received no response back.

J.Petersen asked if there any indication this group should discuss going back to the work started several years ago. M.Perez recalled that FCSI declined funding of that project. T.Johnson suggested this issue describes the whole of the matter, adding he too has reached out to the CDC, and there is no data supporting either side of the argument. He listed the typical foodborne pathogens evaluated by any given study and how the food transmission does not appear to be due to the absence of food shields but rather the presence of food handlers. Finished by suggesting the foodborne pathogens are most likely coming from the hands of servers and patrons, not from someone sneezing.

M.Perez reminded the group that the issue on the table is not whether food shields should be removed, simply the specifications be further updated. He reiterated the current action items with the TG, thanked everyone for the discussion here today and indicated this would be discussed in greater detail at the TG.

M.Perez asked if there any other comments; there were none.

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Figures and diagrams

J.Scanlon is TG chair confirming the TG met 6 times since the 2018 JC F2F. J.Scanlon explained the origin of the group, including the scope written by the group during the first teleconference. Stated that the goal is not to change any content of the figures and diagrams, just update them. He then presented a sample of the work completed thus far:

[Old-New Figures.pdf](#)

M.Perez opened the floor for comments

J.Hall asked if the group should consider hyperlinks. M.Perez suggested this was a good idea, but reminded everyone the first part of the task was to modernize the current diagrams. Next steps could include hyperlinks or adding new diagrams.

M.Samarya-Timm asked if participation was still needed and volunteered to be added to the roster.

S.Burton-Zick asked how many diagrams were being updated. J.Scanlon indicated there were 57, and thus far 12 have been completed. M.Perez reiterated that figures and diagrams are not normative, they are informative. Furthermore, they are not to promote design requirements, but to provide general guidance.

M.Perez asked if there any other comments; there were none.

Tab D2 – Standard 3 (report included in the 2019 meeting packet)

J.Hipp is the TG chair, confirming the TG met 2 times since the 2018 JC F2F. He then detailed the timing of the open issues, and M.Perez opened the floor for comments.

Regarding 3i15, the use of chemicals is 7.2.3, T.Johnson suggested there is an overlap in CFR 180.940 and the language presented. He added that the way it reads, one can only use chemicals based on the label, and some don't have labels. J.Hipp confirmed the statement was from the original issue paper and the TG has discussed in detail, updated extensively and has straw balloted through revision 3 clearing up that part of the language.

M.Perez asked if there were any other comments; there were none.

Tab D3 – Standard 4 (report included in the 2019 meeting packet)

J.Brania is the TG chair, confirming the TG met 2 times since the 2018 JC F2F and briefly went over the open issues. Said that the next target publication date is February 2020, with a few ballots currently at CPHC. Spent a bit of extra time on the issue regarding Merchandisers, and the design options for sensors technology with them. The group agreed the equipment is new to the

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landscape of Food Equipment, but these are definitely on the horizon. J.Brania finished with a call to membership for regulators interested in the TG.

M.Perez opened the floor for comments; there were none.

Tab D4 – Standard 7 (report included in the 2019 meeting packet)

T.Gagliardi is the TG chair, confirming the TG met 3 times since the 2018 JC F2F. He briefed the group on the open issues adding that all 3 are ready to be sent to the CPHC starting in September. This will result in a publication due at the end of April 2020.

M.Perez opened the floor for comments; there were none.

Tab D4.1 – Presentation – How the CDC Vessel Sanitation Program, drives food equipment requirements in a marine, cruise ship, environment – CDR Luis Rodriguez

(not available for public download)

Tab D5 – Standard 12 (report included in the 2019 meeting packet)

B.Glynn is the new TG chair and thanked M.Perez for the opportunity to lead the efforts moving forward. She confirmed the group met 2 times since the 2018 JC F2F, and provided a brief update regarding the open issues. Task group has agreed the scope of the cleanability issue is very broad and has struggled with the discussion. Many in the room today have been on these calls and there has been a lot of debate about accessibility.

The issue regarding potable water has received no consensus, and the issue proponent has tabled the topic pending discussion regarding cleanability.

M.Perez opened the floor for comments

T.Johnson suggested the issue from the CFP was the inability to access and clean biofilm, and he recapped the work completed thus far.

M.Perez asked if there were any other comments; there were none.

Tab D6 – Standard 25 (report included in the 2019 meeting packet)

D.Negandhi is the TG chair, confirming the group met 1 time since the 2018 JC F2F, and explained the one open issue facing the TG, specifically to synchronize the NAMA vending machine standard with NSF 25 so NAMA standards can be retired.

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He explained the next teleconference is scheduled for early October and a straw poll of all the sections will be started in the next few days for feedback to discuss during the next call. This topic has been discussed for some time, so assuming there is limited feedback the language will be ready for JC Approval ballot soon.

M.Perez opened the floor for comments; there were none.

Tab D7 – Standard 51 (report included in the 2019 meeting packet)

B.Sickles is the TG chair, and explained that the group met 2 times since the 2018 JC F2F. He provided a brief update regarding the open issues, confirming that there were 3 closed issues that would be published by the end of September.

M.Perez opened the floor for comments; there were none.

Tab D8 – TGs for Standards having no action since 2018 F2F (report included in the 2019 meeting packet)

M.Perez reported on the active TGs that have had no teleconferences since the previous F2F meeting, and asked if there were any comments; there were none.

End of Day 1

Tab D8.1 – NAFEM Presentation – Charlie Souhrada, CFSP

(not available for public download)

Tab F – New Issue Papers and Interpretation Requests

Tab F1 – New Issue Paper FE-2019-05 – Section 5.4 Cover Requirements

M.Perez is the issue proponent and presented his paper and supporting documents.

[FE-2019-05 - Section 5.4 Cover Requirements.pdf](#)
[FE-2019-05 S21 Section 5.4 Cover.ppt](#)

M.Perez then presented the new proposed language for 5.4.1, along with 3 possible recommendations for the JC to consider today. He then opened the floor for comments.

B.Sickles asked what is meant by the term '*gnawing edge*'. M.Kohler confirmed this is a term describing an edge of material that is exposed to vermin and there accessible to gnawing and the creation of a rough surface after gnawing takes place.

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Motion, T.McNeil: Send this to the Standard 21 TG
Second: J.Leonard
Discussion: Question whether there is an active TG for Standard 21, and M.Perez confirmed there was. J.Brady said in the rewording there was removal of the entire phrase in 5.4.4, and the proposal doesn't include any rewrite. M.Perez confirmed there were 2 very good comments from the JC and CPHC which included the removal of this subsection. There is no good rationale for keeping this language so it was removed in this proposal and up for debate.
Vote: Twenty-six in favor, One opposed, Zero Abstain
Motion: Carries

Action Item: Issue paper to be sent to the TG on Standard 21

M.Perez asked if there were any other comments; there were none.

Tab F2 – New Issue Paper FE-2019-06 – Slotted Fasteners in Marine Equipment

L.Rodriguez is the issue proponent and presented his paper, supporting documents.

[FE-2019-06 - Slotted Fasteners in Marine Equipment.pdf](#)

M.Perez opened the floor for comments

J.Hipp, motion: Send to the Standard 2 TG
Second: J.Brania
Discussion: D.Negandhi asked if the intent for only for this one section, because there is similar language elsewhere in various Annexes. M.Kohler indicated the request would be for all of section 8, and he explained how the language was attempted to be added in the 1990's and never gained traction because nobody ever requests certification. The cruise ship industry has a conflict however. J.Brania asked if the violations are transcending other pieces of equipment, and if so, then Standard 2 changes might not address the full problem. L.Rodriguez provided many examples of equipment this effects, and explained what splash zone means to his inspectors, which is a non-food zone. L.Rodriguez confirmed that in areas without slotted fasteners in service they are much easier to clean. J.Leonard indicated the cruise line did publicly oppose the use of these. J.Brady suggested if this goes to TG, it would be helpful if L.Rodriguez was involved in the conversation. J.Petersen asked what the difference is with marine equipment, versus terrestrial. M.Kohler said this was centered on the added need for corrosion resistance many years ago. Also, there is a higher bar for the

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enclosed environment of the users and consumers. J.Brania indicated that in NSF 4 there is a section for marine equipment and very few customers ask for this certification. B.Sickles said to M.Kohler's point, if we delete section 8 we also lose the language regarding Stainless Steel. T.Johnson asked if there is data supporting and indication of a hazard, for example in other industries like the hospital setting. J.Hipp agreed that there is a captive audience and possibly higher risk, but the science has to be there. R.Petersen suggested this be considered in all food service equipment. R.Brandt said the group needs to be clear about what splash and food zones means.

After several minutes of discussion, M.Perez called for a vote.

Vote: Nineteen in favor, Seven opposed, One Abstention
Motion: Carries

Action Item: Issue paper to be sent to the TG on Standard 2

M.Perez asked if there were any other comments; there were none.

Immediately following the meeting, the issue proponent withdrew the issue paper to further consider with his colleagues. Felt there was enough controversy surrounding the topic to pull it back and reconsider.

Tab F3 – New Issue Paper FE-2019-08 – NOTE in 5.1.4 of Standard 18

R.Bergamini is the issue proponent and presented his paper and supporting documents, along with a detailed presentation.

[FE-2019-08 - NOTE in 5.1.4, including support documents.pdf](#)
[22.08.19 DISPENSER NSF Final excel 97-2003.ppt](#)

M.Perez opened the floor for comments

M.Samarya-Timm posed the general question that from a human aspect, what's to keep certain people from eating the 'supposed to be discarded' product. R.Bergamini indicated the owner's manual will contain that information, but really the same question can be asked of any user operation.

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T.Gagliardi asked to confirm that the ask here is to suggest this equipment never needs cleaning.
R.Bergamini said yes

Motion, E.Brasseur: Send to Dispensing Equipment Task Group
Second: S.Schaefer
Discussion: D.Negandhi asked if the equipment being sold or leased, to which Ricardo indicated that is not known yet. Then asked if other products get put through the machine, how would it be affected. R.Bergamini indicated this equipment is specifically designed for our packages only. E.Brasseur reminded the group that this NOTE came from him a few years ago, for oil suspension. He further suggested that the language be made more generic.
Vote: Twenty-four in favor, Zero opposed, Three Abstentions
Motion: Carries

Action Items:

Issue Proponent to revise Issue paper to be more generic
A.Rose to send to Dispensing Equipment Task for discussion

M.Perez asked if there were any other comments; there were none.

Tab F4 – New Issue Paper FE-2019-09 – Definition for Potentially Hazardous Foods

D.Melaragno is the issue proponent and presented her paper and supporting documents, along with a short presentation.

[FE-2019-09 - Definition for Potentially Hazard Foods.pdf](#)
[2019_08_NSF-JC - Sheets and PHF.pptx](#)

M.Perez opened the floor for comments

J.Leonard suggested it makes sense to align with the food code, but warned it's a slippery slope to assume everything is the same between the two. Based on the presentation updated since the submittal of the original issue paper, the JC suggested the issue paper be revised to include the following items:

- Add definition for time/temperature control for safety (TCS) food to correspond with the current U.S. FDA Food Code (2017):
- Add a definition for “cut leafy greens”:
- Revise clause 3.155 for “potentially hazardous food” to reference updated definition:
- Update the term “potentially hazardous food” to “time/temperature control for safety (TCS) food” in other applicable definitions and guidelines in various NSF/ANSI standards

Motion, J.Hipp: send to straw poll with JC, with the amended language as just discussed.

Second: J.Brania

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Discussion: M.Perez asked D.Melaragno to submit an amended issue paper. J.Brady asked G.Liggans if there's an FDA comment. G.Liggans said it's definitely important to consider harmonization, but will hold back the comments for the straw poll. M.Kohler indicated he has always been in favor of harmonizing with the Food Code. In this case, the JC has stepped back for some time to see how the industry reacted to the change in the Food Code. Enough time has passed and appropriate to consider this issue. J.Brania indicated this definition would influence at least 6 standards, and asked the group if this would need to go to each TG for work. M.Perez suggested that would be based on the results of the straw ballot, after which we'll make that decision.

Vote: Twenty-seven in favor, Zero opposed, Zero Abstentions

Motion: Carries

M.Perez asked if there were any other comments; there were none.

Tab F5 – New Issue Paper FE-2019-10 – Definition for Sheets

D.Melaragno is the issue proponent and presented her paper and supporting documents, along with a short presentation.

[FE-2019-10 - Definition for Sheets.pdf](#)
[2019_08 NSF-JC - Sheets and PHF.pptx](#)

M.Perez opened the floor for comments

J.Hipp asked D.Melaragno to explain a time when no definition of 'sheet' has caused an issue. She presented pictures from issue paper, detailing the concern. B.Sickles suggested if the word '*permanent*' were added to the definition it would cover pictures 2 and 3; the group agreed.

J.Brady asked M.Kohler if NSF has run into this same problem, to which M.Kohler indicated there haven't been any specific issues. He added however that this requirement seems like one that would benefit from some discussion and consideration.

M.Perez said there wasn't a specific 'call for action' on the issue paper, and D.Melaragno indicated she was asking for the group to look at the clauses in Standard 2. M.Perez then asked D.Melaragno to rewrite the issue paper with the specific call for action to standard 2, after which he would send it directly to the Standard 2 Task Group. D.Melaragno agreed.

M.Perez asked if there were any other comments; there were none.

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Tab F6 – New Issue Paper FE-2019-11 – Casters

J.Hall is the issue proponent and presented the issue paper and supporting presentation. He explained the challenges with the leveling casters designs as it related to the NSF standards, detailing how they allow for wheel spin but not harborage of dirt and debris.

[FE-2019-11 - Casters.pdf](#)

M.Perez indicated there were 2 distinct portions to the Issue Paper, opened the floor for comments for the first.

M.Kohler asked and J.Hall explained how the lowering of the leg portion works. D.Negandhi asked if these were designed for heavy or light equipment, and J.Hall indicated both, explaining the history of the leveling caster, and the typical use. Follow up question from D.Negandhi about whether the equipment can be moved once it's in place, and J.Hall explained the leveling casters are designed to move heavy equipment in place and then leave it there, but these casters allow movement if necessary without the use of the typical locking mechanism.

M.Perez questioned if there was a reason why these casters cannot be made with the current typical clearances. J.Hall indicated if his company used the 1 inch requirements, it would very negatively affect the weight capacity of the casters. This led to some discussion about the types of clearance allowed, specifically for permanent heavy equipment versus that on current casters intended to be moved and cleaned around.

- Motion, J.Scanlon:** Send this issue to Standard 2 TG.
- Second:** M.Neshan
- Discussion:** D.Negandhi asked J.Hall to clarify the specific call to action on the issue paper, and he confirmed he is asking for 1/32" and NOT an exemption. M.Perez indicated that contingent upon revision of issue paper, this can be sent to the TG. J.Brady said presenting a sample or video would be very helpful for task group. Bob suggested he may also want to educate the TG on the differences between current casters and what is being created here.
- Vote:** Twenty-seven in favor, Zero opposed, Zero Abstentions
- Motion:** Carries

M.Perez asked if there were any other comments; there were none.

M.Perez asked J.Hall to discuss the second part of the issue paper.

Diagram presented by J.Hall and he stated the ask here is for an exemption because they consider the leveling system on their caster to be a braking system.

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[Old-New Figures.pdf](#)

M.Kohler explained the requirements in the Standard as it relates to the diagram presented.

M.Perez said he was inclined to table this part of the issue until the language is rewritten with clarity. J.Hall agreed and said he would rewrite. He confirmed he would submit both issue papers.

M.Perez asked if there were any other comments; there were none.

Tab F7 – New Information Paper – Surface Cleanability

D.Negandhi is the proponent, and presented the information paper intent. Provided a history of the removal of the cleanability language in Standard 51.

[Surface Characteristics Rev-A.PPTX](#)

The issue paper is ultimately suggesting that some form of cleanability testing replace the old test.

M.Perez opened the floor for comments

B.Sickles confirmed this topic has been discussed extensively outside today's meeting, and we're trying to come up with an objective method for applying and measuring the removal of a representative soil. Of course there's a lot of work to be done if the group agrees.

M.Perez asked if the group finds this to be a worthy project. M.Kohler suggested something to consider is the application of the test. The old test was not required, necessarily. Only textured surfaces were ever tested. If we develop a test, it should be done with the specific material types and concerns in mind up front. To develop a test just to have a test would not be a great use of time.

M.Perez then asked if the group would like to consider developing an ad hoc group to discuss outside of this meeting, or is there no interest

Motion, T.McNeil: Create a cleanability test.
Second: S.Burton-Zick
Discussion: J.Leonard asked if the group was talking about developing a cleanable test, or defining criteria to measure whether something is cleanable in the first place. B.Sickles indicated that under Standard 51 it states '*must be smooth and easily cleanable*', to which J.Brady suggested this might well be sent to the Standard 51 TG.
Vote: Thirteen in in favor, Six Opposed, Two Abstentions (some members had left the meeting)

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Motion: Carries with the remaining number of members, and 21 is still a quorum, but 13 does not carry with the original number of members at the meeting which was 27.

M.Kohler reminded the group of Kelli's original issue paper, and the second call to action which was to gather consensus on whether a test is needed in the first place.

M.Perez asked the specific question "does this committee think a test is needed?" this led to some discussion, and he further suggested that since some members have now left the meeting, and this issue is so divided, we will send this question out to the JC as a straw poll to get everyone's votes and comments before continuing.

M.Perez asked if there were any other comments; there were none.

Tab F8 – New Information Paper – Plastic Cutting Boards

J.Veden is the proponent, and presented the information paper along with detailed presentation including cutting boards.

[NSF PP Presentation - Master - cutting boards.pptx](#)

Michael opened the floor for comments

B.Sickles indicated he had just completed some research on this and actually the Food Code goes into some detail on this in section 4.501.12. Within this context, many of the examples presented should have been thrown away. Thus, this current language meets the Food Code. B.Sickles added that it's not this committee's purview to be concerned about plastics in the ocean, despite the importance.

J.Hipp said this was submitted as information paper, but if you're seeking specific action you'll have to submit an issue paper. J.Veden said he'll do whatever it takes. M.Perez confirmed there is a lot of information presented here, which will need to be verified, but if there is any action decided we need a motion

Motion, J.Scanlon: proponent to go back and create an issue paper.

Second: M.Samarya-Timm

Discussion: J.Brania reminded the group that cutting boards are evaluated brand new. G.Liggins added that as this moves forward, to remember there is a difference to getting this through the standard because there's a difference of what they look like new versus with used.

Vote: Twenty-one in favor, Zero Opposed, Zero Abstentions (some members had left the meeting)

Motion: Carries with the remaining number of members, all of which voted affirmatively.

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Action Item:
Issue Proponent to revise into issue paper

M.Perez asked if there were any other comments; there were none.

Motion, J.Brania:	To adjourn
Second:	D.Negandhi
Discussion:	none
Vote:	Twenty-one in favor, Zero Opposed, Zero Abstentions
Motion:	carries

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LIST ACTION ITEMS:

Tab F1 – New Issue Paper FE-2019-05 – Section 5.4 Cover Requirements

Action Item: Issue paper to be sent to the TG on Standard 21

Tab F2 – New Issue Paper FE-2019-06 – Slotted Fasteners in Marine Equipment

Action Item: Issue paper to be sent to the TG on Standard 2

Tab F3 – New Issue Paper FE-2019-08 – NOTE in 5.1.4 of Standard 18

Action Items:

Issue Proponent to revise Issue paper to be more generic

A.Rose to send to Dispensing Equipment Task for discussion

Tab F4 – New Issue Paper FE-2019-09 – Definition for Potentially Hazardous Foods

Action Item: Issue proponent to revise the issue paper. The revised Issue paper to be sent to the JC as a straw ballot

Tab F5 – New Issue Paper FE-2019-10 – Definition for Sheets

Issue proponent to rewrite the Issue Paper to include a specific call for action.

Tab F6 – New Issue Paper FE-2019-11 – Casters

Action Item: Amended Issue paper to be sent to the TG on Standard 2

Tab F7 – New Information Paper – Surface Cleanability

Action Item: Send to JC as a straw poll.

Tab F8 – New Information Paper – Plastic Cutting Boards

Issue Proponent to revise into issue paper

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Joint Committee Members in Attendance

Name	Company / organization	Interest category
Bhatt, Swati	Los Angeles County	Public Health
Bortolotti, Stefano	Carpigiani	Industry
Brady, Jim	Wawa, Inc.	User
Brandt, Rex	Taylor Company	Industry
Brania, Jonathan	Underwriters Laboratories, Inc.	User
Brasseur, Eric	Little Caesars Enterprises	User
Burton-Zick, Sara	DuPage County Health Department	Public Health
Gagliardi, Tony	Consultant - Public Health / Regulatory	User
Glynn, Beth	Starbucks Coffee Company	User
Hall, Jon	Glastender, Inc.	Industry
Hipp, Joel	Hobart Corporation	Industry
Johnson, Tom	Qlean Tech Enterprises, LLC	User
Kohler, Mike	NSF International	User
Leonard, James, MPH, LEHP	Princess Cruises	User
Liggans, Girvin, PhD	Food and Drug Administration	Public Health
Maxon, Gary	The Delfield Company	Industry
McNeil, Thomas, RS	U.S. Army	User
Negandhi, Dipak, PE, CFSP-1	Manitowoc Foodservice	Industry
Neshan, Massoud	Southern CaseArts	Industry
¹ Perez, Michael	Baring Industries	User
Petersen Jr., James	C.i.i. Food Service Design	User
Petersen, Rick	Norwalk Community College	Public Health
Rodriguez, Luis, MS	CDC Vessel Sanitation Program	Public Health
² Rose, Allan, MS	NSF International	General Interest
Samarya-Timm, Michéle	Somerset County Department of	Public Health
Scanlon, John	Hatco Corporation	Industry
Schaefer, Stephen	Hoshizaki America, Inc.	Industry
Sickles, Willard, PE	InterMetro Industries Corporation	Industry
Webb, Timothy	Navy and Marine Corps Public Health	Public Health

¹ – JC Chair

² – JC Secretariat

** - participation via teleconference

Joint Committee Members NOT in Attendance

Name	Company / organization	Interest category
Dye, Shayna	Sauk County Health Department	Public Health
Jumalon, Thomas,	Wake County Environmental Services	Public Health
Tackitt, Steve	Barry-Eaton District Health Department	Public Health

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Observing Attendees

NSF International	Amanda Zeoli	General Interest
Intertek	Bernard Poton	General Interest
J.M Smucker Company	Bob Corrao	User
Dairy Queen	Brent Miller	User
Kason Industries	Burl Finkelstein	Industry
NAFEM	Charlie Souhrada	General Interest
Manitowoc Foodservice	Cheryl Appell	Industry
Intertek	Danielle Melaragno	General Interest
NSF International	Derek DeLand	General Interest
Testo Solutions USA, Inc.	Eric Moore	Industry
Hoshizaki America, Inc.	Howard Ricketts	Industry
Perlick	Jeff Burnett	Industry
Follett Corp.	Jim Godiska	Industry
A. O. Smith Water Products Company	Joe Wallace	Industry
Structural Concepts Corporation	Jon Murray	Industry
Stone Spectrum	Joshua Spencer	Industry
NSF International	Kelli Fall	General Interest
NAMA	Larry Eils	General Interest
Unified Brands	Mark Sanford	Industry
Intertek	Nicholas Unger	General Interest
Vitamix	Nick Mazzino	Industry
Randell Manufacturing, Inc.	Nicky Snyder	Industry
NSF International	Orsi Dezsi	General Interest
Versa-Gard	Pep Matus	Industry
Publix	Robert Casey	User
NSF International	Sara Risley	General Interest
NSF International	Sarah Krol	General Interest
Cornelius, Inc.	Syed Rizvi	Industry
NSF International	Taylor Morrison	General Interest
NSF International	Tyler Acree	General Interest
NSF International	Allan Rose	General Interest