Record of Line-item Letter Ballot Review by TC Chapter for Procedural Review

Region/Locale: North America
Global Technical Committee: Liquid Chemicals
TC Chapter Cochairs: Don Hadder (Intel), Laura Ledenbach (PeroxyChem), Steven Rogers (KMG Chemicals), Koh Murai (MegaFluid Systems)
Standards Staff: Laura Nguyen

	Scheduled in Background Statement	Actual
Date	03/31/2020	08/20/2020
Location	SEMI HQ, Milpitas, CA/USA	SEMI Japan Office, Tokyo, Japan
Reason for Change of Date and/or Location **(if changed)**	Force majeure caused by the corona virus.	

Note: See *Regulations* ¶ 9.5 Exceptions for allowable reason to change.

Document Information

I. Document Number, Title, Lists of Line Items

Document Number 6576		Document Title Line Item Revision to SEMI F63-0918, Guide for Ultrapure Water Used in Semiconductor Processing
List of Line Items	Line Item 1	**Line Item Title** SEMI F63 - Provide clarification to limitations and Table 2
	Line Item 2	**Line Item Title** SEMI F63 - Update Table 1, including corresponding footnotes and text, to align with 2019 IRDS while also providing achievable limits with available metrology

Line Item 1 Adjudication

II. Tally

Voting Tally:
Note: A minimum of 60% of the Voting Interests that have TC Members within the global technical committee that issued the Letter Ballot must return Votes. (*Regulations* ¶ 9.6.2.1.1)

Voting Tally (with example values):

Voting Interest:	Returned Vote		Distributio		Return Rat	
Letter Ballot	**68**	÷	**105**	=	**64.8%**	≥60%
Intercommittee Ballot	**29**					
Voting Interest Reject(s)	**1**		Total Voters with Rejects		**1**	
Voting Interest Accept(s)	**45**					

Note: See _Regulations_ § 3.2.1 for definition of Voting Interest.

III. Rejects
Voting Interest Reject 1 (Voting Interest Name: Guru)
Voter Reject 1 (Voter: Eric Sklar/Safety Guru)

Negative 1

Negative	**Referenced Section/ Paragraph**	*TF/TC Chapter to fill in, including text in the ballot if necessary.*		
		# SG1-1 ¶ 3.1		
	Negative Text	*Original complete Negative text (e.g., issue, justification, suggestion) should be copied.*		
		Negative: Do not add the proposed text. Reason/Justification: The proposed text asserts that the document "provides" water quality. The document provides guidance, not water or its quality. I can't tell what was intended. For example, was the intent to assert that following this guide would provide such quality, or that the guide describes what that quality should be.		
TF input (optional)				
Withdrawal (check one)		**X**	No Negative withdrawal made by Voter.	**GO TO "Related" subsection**
			Withdrawal document received by Standards staff on MM/DD/YYYY.	**GO TO "Final" subsection → (A)**
Related	**Motion and Reason (check one)**	**X**	'Related' is mutually agreed upon. **(Needs no motion.)**	**GO TO "Persuasive" subsection**
			Negative is not related. **(Needs ≥2/3 votes to pass.)**	
		■	Reason	XXXX
	Motion by/ 2nd by	**Name (Company)/Name (Company)**		
	Discussion			
	Result of Vote (check one)	XX **Y**-XX **N**; Motion passed/failed.		
			[Negative is not related.] < 2/3	**GO TO "Persuasive" subsection**
			2/3 ≤ [Negative is not related.]	**GO TO "Final" subsection → (B)**

Persuasive	**Motion and Reason (check one)**	X	Negative is related and persuasive. **(Needs >1/3 votes to pass.)**					
			Negative is related and not persuasive. **(Needs ≥2/3 votes to pass.)**					
		■	Reason					
	Motion by/ 2nd by	Takuya Nagafuchi (Nihon Entegris) / Kaoru Kondo (RION)						
	Discussion	None						
	Result of Vote (check one)	3Y-0 N; Motion passed.						
		X	[Negative is related and persuasive.] > 1/3	**Is a technical change recommended? (check one)**			Y	**GO TO "Address by Technical Change Option" subsection**
			[Negative is related and not persuasive.] < 2/3			X	N	**GO TO "Final" subsection → (E)**
			2/3 ≤ [Negative is related and not persuasive.] < 90%	**GO TO "Final" subsection → (C)**				
			90% ≤ [Negative is related and not persuasive.]	**GO TO "Not Significant Finding Option" subsection**				
Final	**(check if applicable)**		**(A)**	Withdrawn **(counted under h in disposition)**				
			(B)	Not related **(counted under i in disposition)**				
			(C)	Related and not persuasive (significant)				
			(D)	Not significant **(counted under j in disposition)**				
		X	**(E)**	Related and persuasive and not addressed by technical change	**DOCUMENT FAILS**			
			(F)	Addressed by technical change **(counted under k disposition)**				
	(check if applicable)		Comment generated. **See Section V-(ii) Comment #** X.					

IV. Other Technical Issues
None

V. Comments
None

VI. Editorial Changes Other than Those Voted on in § V
None
VII. Approval Conditions Check
N/A – Document Fails

Line Item 2 Adjudication

II. Tally
Voting Tally:
Note: A minimum of 60% of the Voting Interests that have TC Members within the global technical committee that issued the Letter Ballot must return Votes. (*Regulations* ¶ 9.6.2.1.1)

Voting Tally (with example values):

Voting Interest:	Returned Vote		Distributio		Return Rate	
Letter Ballot	**68**	÷	**105**	=	**64.8%**	**≥60%**
Intercommittee Ballot	**29**					
Voting Interest Reject(s)	**2**			Total Voters with Rejects		**2**
Voting Interest Accept(s)	**45**					

Note: See *Regulations* § 3.2.1 for definition of Voting Interest.

III. Rejects
Voting Interest Reject 1 (Voting Interest Name: Guru)
Voter Reject 1 (Voter: Eric Sklar/Safety Guru)

Negative 1

<table>
<tr>
<td rowspan="4">Negative</td>
<td rowspan="2">Referenced Section/ Paragraph</td>
<td colspan="3">*TF/TC Chapter to fill in, including text in the ballot if necessary.</td>
</tr>
<tr>
<td colspan="3"># SG2-7
Table Note 2</td>
</tr>
<tr>
<td rowspan="2">Negative Text</td>
<td colspan="3">*Original complete Negative text (e.g., issue, justification, suggestion) should be copied.</td>
</tr>
<tr>
<td colspan="3">Negative: Do not add "Emerging particle… manufacturing."
Reason/Justification: Evaluating a measurement method cannot measure particles, accurately or otherwise.</td>
</tr>
<tr>
<td colspan="2">TF input (optional)</td>
<td colspan="3"></td>
</tr>
<tr>
<td colspan="2" rowspan="2">Withdrawal
(check one)</td>
<td>X</td>
<td>No Negative withdrawal made by Voter.</td>
<td>GO TO "Related" subsection</td>
</tr>
<tr>
<td></td>
<td>Withdrawal document received by Standards staff on MM/DD/YYYY.</td>
<td>GO TO "Final" subsection → (A)</td>
</tr>
<tr>
<td rowspan="5">Related</td>
<td rowspan="3">Motion and Reason
(check one)</td>
<td>X</td>
<td>'Related' is mutually agreed upon. (Needs no motion.)</td>
<td>GO TO "Persuasive" subsection</td>
</tr>
<tr>
<td></td>
<td colspan="2">Negative is not related. (Needs ≥2/3 votes to pass.)</td>
</tr>
<tr>
<td></td>
<td>Reason</td>
<td>XXXX</td>
</tr>
<tr>
<td>Motion by/
2nd by</td>
<td colspan="3">Name (Company)/Name (Company)</td>
</tr>
<tr>
<td>Discussion</td>
<td colspan="3"></td>
</tr>
</table>

Persuasive	**Result of Vote (check one)**		XX **Y**-XX **N**; Motion passed/failed.				
			[Negative is not related.] < 2/3				**GO TO "Persuasive" subsection**
			2/3 ≤ [Negative is not related.]				**GO TO "Final" subsection → (B)**
	Motion and Reason (check one)	**X**	Negative is related and persuasive. **(Needs >1/3 votes to pass.)**				
			Negative is related and not persuasive. **(Needs ≥2/3 votes to pass.)**				
			Reason				
	Motion by/ 2nd by	Takuya Nagafuchi (Nihon Entegris) / Kaoru Kondo (RION)					
	Discussion	None					
	Result of Vote (check one)		3 **Y**-0 **N**; Motion passed				
		X	[Negative is related and persuasive.] > 1/3	**Is a technical change recommended? (check one)**		**Y**	**GO TO "Address by Technical Change Option" subsection**
			[Negative is related and not persuasive.] < 2/3		**X** **N**		**GO TO "Final" subsection → (E)**
			2/3 ≤ [Negative is related and not persuasive.] < 90%	**GO TO "Final" subsection → (C)**			
			90% ≤ [Negative is related and not persuasive.]	**GO TO "Not Significant Finding Option" subsection**			
Final	**(check if applicable)**		**(A)**	Withdrawn **(counted under h in disposition)**			
			(B)	Not related **(counted under i in disposition)**			
			(C)	Related and not persuasive (significant)			
			(D)	Not significant **(counted under j in disposition)**			
		X	**(E)**	Related and persuasive and not addressed by technical change		**DOCUMENT FAILS**	
			(F)	Addressed by technical change **(counted under k disposition)**			
	(check if applicable)		Comment generated. **See Section V-(ii) Comment #** X.				

Voting Interest Reject 2 (Voting Interest Name: JSR Micro)
Voter Reject 1 (Voter: Marc Henry/JSR Micro)
N/A – Document Fails

IV. Other Technical Issues
None

V. Comments
None

VI. Editorial Changes Other than Those Voted on in § V

None
VII. Approval Conditions Check
N/A – Document Fails

Checks for Entire Document Including All Approved Line Items

VIII. Safety Check
N/A – Document Fails

IX. Intellectual Property (IP) Check
N/A – Document Fails

X. Action for This Document

Motion (Check all applicable items)		Line item(s) [X], [X] and [X] passed TC Chapter review as balloted and will be forwarded to the ISC A&R SC for procedural review.
		Line item(s) [X], [X] and [X] passed TC Chapter review with editorial changes and will be forwarded to the ISC A&R SC for procedural review.
		Line item(s) [X], [X] and [X] passed TC Chapter review with technical changes and with or without editorial changes and will be forwarded to the ISC A&R SC for procedural review. A Ratification Ballot will be issued to verify the technical changes.
	X	Line item(s) [1], and [2] failed TC Chapter review and will be returned to the TF for rework.
		Line item(s) [X], [X] and [X] failed TC Chapter review and work will be discontinued.
Motion by/ 2nd by		Takuya Nagafuchi (Nihon Entegris) / Kaoru Kondo (RION)
Discussion		None
Vote		3 Y-0 N
Final Action	X	Motion passed
		Motion failed

Note: If the use of PMPT or copyrighted item is justified by the TC Chapter, LOA or release form must be received before publication can proceed.