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	3/31/2020	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 6575		**Document Title** Line Item Revision to SEMI F61-0617, Guide to Design and Operation of a Semiconductor Ultrapure Water System
List of Line	Line Item 1	**Line Item Title** SEMI F61 - Update Sections 10 and 17 and Appendices 1 and 7 to align with 2019 IRDS

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 Rate	
Letter Ballot	68	÷	105	=	64.8%	≥60%
Intercommittee Ballot	29					
Voting Interest Reject(s)	1		Total Voters with Rejects			1
Voting Interest Accept(s)	46					

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 ¶ 10.1.5.4		
	Negative Text	***Original complete Negative text (e.g., issue, justification, suggestion) should be copied.**		
		Negative: Do not insert the proposed text. Reason/Justification: It is not obvious to everyone how the logic flows from reducing H2O2 formation to reducing the need for "additional catalytic units". Although particles may be generated by a catalyst, I don't believe particles "leach"; substances "leach" into solution; particles are shed. Lastly, the last sentence appears to state that reducing UV energy has the effects of "reducing life of critical components and generating particles", neither of which appears desirable. As far as I can analyze the grammar, the sentence also says that "concerns" react with "polymers", which makes no sense to me.		
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		
		3**Y**-0 **N**; Motion passed.		

	Result of Vote **(check one)**	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

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] 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.