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), Steven Rogers (KMG Chemicals), Laura Ledenbach

(PeroxyChem/Evonik), Koh Murai (MegaFluid Systems)

Standards Staff: Laura Nguyen

	Scheduled in Background Statement	Actual
Date	TBD	02/17/2021
Location	TBD	OVTCCM
Reason for Change of Date and/or Location (if changed)	Force majeure caused by the corona vi	rus.

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

Document Information

I. Document Number, Title, Lists of Line Items

Doc 6575	ument Number A	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 Update Sections 10 and 17 and Appendices 1 and 7 to align with 2020 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 Votes		Distribution		Return Rate	
Letter Ballot	65	÷	105	=	61.9%	≥60%
Intercommittee Ballot	32]				
Voting Interest Reject(s)	0		Total	Vote	rs with Rejects	0
Voting Interest Accept(s)	49]				

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

III. Rejects None

IV. Other Technical Issues None

V. Comments

V- (i) Voters' Comments

Commenter 1 (Rafael Vargas-Bernal/ITSdI) - Comment 1

11110	ienter 1 (Rafael Vargas-Bernai/11Sdf) - Comment 1								
Comment	*TF	/TC Chapte	r to	fill in section/paragraph #, if necessary.					
ment	In subsection 10.1.5.4 subindices must be used.								
	The	The TC Chapter agreed to do one of the following actions.							
	*No motion is required in this step.								
P	Already addressed by Commenter #, Comment #								
Action		No further	actio	on was taken by the TC Chapter.					
		Refer to th	e TF	for more consideration.					
		New Busin	iess						
	X	Editorial C	hanç	ge					
		Options		Case 1: No vote in this section:					
		for editorial		To be included and voted on as a group in § VI. Editorial Changes Other than Those Voted on in § V.					
		change (check		Case 2: Voted in this section:					
		one)	X	Original section number and at least one full sentence are required in "FROM" and "TO" fields.					
Edito		FROM: Section/Paragraph 10.1.5.4 10.1.5.4 This will reduce UV energy and thus minimize H2O2 formation and avoid additional costs the possible side effects of adding additional catalytic units.							
Editorial Changes	1	TO: Section/Paragraph 10.1.5.4 10.1.5.4 This will reduce UV energy and thus minimize H2O2 H2O2 formation and available additional costs and the possible side effects of adding additional catalytic units.							
25		Justificat Fix typogra		(If necessary) cal error.					
M	otion	1	Ţ	o approve above editorial change(s)					
M	otion	by/2 nd by	(Chuck Dale (Suez) / Koh Murai (Mega Fluid Systems)					
Di	scus	ssion	N	None.					
Vo	ote		1	8 Y-0 N; Motion passed.					
,				Comment ecomposied a Vota					

This table is needed for each Comment accompanied a Vote

Commenter 2 (Alana Denning/Samsung Electronics) - Comment 1

Com	*TF	*TF/TC Chapter to fill in section/paragraph #, if necessary.						
omment	10.3	10.3.4 - consider specifying whether this means on wafer testing or liquid particle counter.						
	The	ne TC Chapter agreed to do one of the following actions.						
	*No motion is required in this step.							
Þ	Already addressed by Commenter #, Comment #							
ction	X	No further action was taken by the TC Chapter.						
	Refer to the TF for more consideration.							
		New Business						
		Editorial Change						

V-(ii) Comments Created by Handling Negative None

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

VII. Approval Conditions Check

VII. - (i). Approval Rate

APPROVAL CONDITION 1: All Negatives have been discussed and were withdrawn, found not related, found not persuasive, or addressed by a technical change. (*Regulations* ¶ 9.6.2.1.2)

APPROVAL CONDITION 2: At least 90% of the sum of valid Voting Interest Accept and Voting Interest Reject Votes must be Accept. (*Regulations* ¶ 9.6.2.1.3)

Note: If both approval conditions are not satisfied, the Document fails.

		Accepts		(Accepts + Valid Rejects)			
Approval Rate	=	49	/	49	=	100.0%	≥90%

VII. – (ii) Approval Level (check one)

Note: See Regulations § 9.6.2 for further information.

Globally Approved (No Ratification Ballot needed):
Line Item 1 meets the Letter Ballot approval conditions for the global technical committee.

Need a Ratification Ballot:

Line Item 1 meets the Letter Ballot approval conditions for the TC Chapter and a Ratification Ballot will be issued to validate technical changes.

Checks for Entire Document Including All Approved Line Items

VIII. Safety Check

Note: This Safety check <u>applies to the entire Standard or Safety Guideline</u> including all the approved Line Items. See § 15 of the *Regulations* for further information.

Motio	X	This is not a Safety Document , when all safety-related information is removed, the Document is still technically sound and complete. (<i>Regulations</i> ¶ 8.7.1)						
		This is a Safety Document , when all safety-related information is removed, the Document is n technically sound and complete. (<i>Regulations</i> ¶ 8.7.2)						
		Safety Checklist (<i>Regulations</i> ¶ 15.3) is complete and has been included with the Docume throughout the balloting process. (<i>Regulations</i> ¶ 15.1.2)						
	Motion by/2 nd by			Slava Libman (FTD Solutions) / Koh Murai (Mega Fluid Systems)				
	Discussion			None				
		٧	ote	17 Y- 0 N; Motion passed.				

IX. Intellectual Property (IP) Check

Note: This Letter Ballot may cover all or part of a Standard or Safety Guideline. Regardless of the coverage, this IP check <u>applies to the entire Standard or Safety Guideline</u> including all the approved Line Items*. See *Regulations* § 16 for further information.

X	The TC Chapter meeting chair asked those participating, if they were aware of any patented technology that might be relevant (see <i>Regulations</i> ¶ 16.3.1.1) to the Standard or Safety Guideline; or, any copyrighted items or trademarks that are used/reproduced (see <i>Regulations</i> ¶ 16.4.1.2) in the Standard or Safety Guideline. (Also see, <i>Regulations</i> § 8.8)						
	X	The question is NOT answered in affirmative (No potentially material patented technology or use/reproduction of copyrighted items/trademarks is known.)	GO TO SECTION X.				
		The question is answered in affirmative	Is any of the known IPs a patented		Yes, at least one of them is a patented technology	GO TO IX (a) "Patented Technology" subsection	
			technology?		No	GO TO IX (b) "Copyright items" subsection	

X. Action for This Document

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			tem(s) [X], [X] and [X] passed TC Chapter review as balloted and will be forwarded to the ISC			
<u>20</u>		A&R	SC for procedural review.			
Motion (Check all applicable items)	X		item(s) [1] passed TC Chapter review with editorial changes and will be forwarded to the ISC			
요 ∽ ≥	^	A&R	A&R SC for procedural review.			
oti ec		Line	tem(s) [X], [X] and [X] passed TC Chapter review with technical changes and with or without			
on k a e it			ial changes and will be forwarded to the ISC A&R SC for procedural review. A Ratification			
en =		Ballo	t will be issued to verify the technical changes.			
S)	Line item(s) [X], [X] and [X] failed TC Chapter review and will be returned to the TF for					
		Line i	tem(s) [X], [X] and [X] failed TC Chapter review and work will be discontinued.			
Motion by	y/ 2n	d by	Koh Murai (Mega Fluid Systems) / Chuck Dale (Suez)			
Discussion		ı	None.			
Vo	te		14 Y-0 N			
Einal /	٠.4: ٥	_	X Motion passed			
rinai A	Action		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.