

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 virus.	

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

Document Information

I. Document Number, Title, Lists of Line Items

Document Number 6576A	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 Provide clarification to Limitations and Table 2
	Line Item 2	Line Item Title Update Table 1, including corresponding footnotes and text, to align with 2020 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 Votes		Distribution	=	Return Rate	
Letter Ballot	65	÷	105	=	61.9%	≥60%
Intercommittee Ballot	32					
Voting Interest Reject(s)	0		Total Voters with Rejects			0
Voting Interest Accept(s)	47					

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/ITSdl) - Comment 1

Comment	*TF/TC Chapter to fill in section/paragraph #, if necessary.		
	In subsection 5.3.1 separate '4nm' into two parts.		
Action	The TC Chapter agreed to do one of the following actions.		
	*No motion is required in this step.		
	<input type="checkbox"/>	Already addressed by Commenter #, Comment #	
	<input type="checkbox"/>	No further action was taken by the TC Chapter.	
	<input type="checkbox"/>	Refer to the TF for more consideration.	
	<input type="checkbox"/>	New Business	
	<input checked="" type="checkbox"/>	Editorial Change	
	Options for editorial change (check one)	<input type="checkbox"/> Case 1: No vote in this section: To be included and voted on as a group in § VI. <i>Editorial Changes Other than Those Voted on in § V.</i>	
		<input checked="" type="checkbox"/> Case 2: Voted in this section: Original section number and at least one full sentence are required in "FROM" and "TO" fields.	
	Editorial Changes	1	FROM: Section/Paragraph 5.3.1 5.3.1 nebulization and condensation particle counting (NCPC) — a measurement technique that uses aerosol particle detection, reconfigured to measure particles in liquids as small as 4nm.
			TO: Section/Paragraph 5.3.1 5.3.1 nebulization and condensation particle counting (NCPC) — a measurement technique that uses aerosol particle detection, reconfigured to measure particles in liquids as small as 4nm <u>4 nm</u> .
Justification (If necessary) Fix typographical error.			
Motion	To approve above editorial change(s)		
Motion by/2 nd by	Slava Libman (FTD Solutions) / Koh Murai (Mega Fluid Systems)		
Discussion	None.		
Vote	17 Y-0 N; Motion passed.		

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 Votes	Distribution	Return Rate	
Letter Ballot	65	÷ 105	= 61.9%	≥60%
Intercommittee Ballot	32			
Voting Interest Reject(s)	0	Total Voters with Rejects		0
Voting Interest Accept(s)	48			

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

None

V-(ii) Comments Created by Handling Negative

None

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

None

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	=	48	/	48	=	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 2 meets the Letter Ballot approval conditions for the global technical committee.

Need a Ratification Ballot:

Line Item 2 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 applies to the entire Standard or Safety Guideline including all the approved Line Items. See § 15 of the *Regulations* for further information.

Motion	<input checked="" type="checkbox"/>	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)
	<input type="checkbox"/>	This is a Safety Document , when all safety-related information is removed, the Document is not technically sound and complete. (<i>Regulations</i> ¶ 8.7.2)
	<input type="checkbox"/>	Safety Checklist (<i>Regulations</i> ¶ 15.3) is complete and has been included with the Document throughout the balloting process. (<i>Regulations</i> ¶ 15.1.2)
Motion by/2nd by		Slava Libman (FTD Solutions) / Alan Knapp (Evoqua Water Technologies)
Discussion		None
Vote		15 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 applies to the entire Standard or Safety Guideline 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 ¶ 16.3.1.1</i>) to the Standard or Safety Guideline; or, any copyrighted items or trademarks that are used/reproduced (see <i>Regulations ¶ 16.4.1.2</i>) in the Standard or Safety Guideline. (Also see, <i>Regulations § 8.8</i>)			
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 technology?	Yes, at least one of them is a patented technology	GO TO IX (a) “Patented Technology” subsection
			No	GO TO IX (b) “Copyright items” subsection

X. Action for This Document

Motion applicable items (Check all)	X	Line item(s) [2] passed TC Chapter review as balloted and will be forwarded to the ISC A&R SC for procedural review.
	X	Line item(s) [1] 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.
		Line item(s) [X], [X] and [X] 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		Slava Libman (FTD Solutions) / Koh Murai (Mega Fluid Systems)
Discussion		None
Vote		14 Y-0 N
Final Action		X Motion passed

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.