

Record of 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 (Peroxy Chemicals), Steve Rogers (KMG Chemicals), Koh Murai (MegaFluid Systems)**

Standards Staff: **Inna Skvortsova**

	Scheduled in Background Statement	Actual
Date	07/09/2019	07/09/2019
Location	Moscone, San Francisco, CA	Moscone, San Francisco, CA
Reason for Change of Date and/or Location (if changed)		

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

I. Document Number and Title

Document Number	Document Title
6085A	Revision to SEMI F57-0314, SPECIFICATION FOR POLYMER MATERIALS AND COMPONENTS USED IN ULTRAPURE WATER AND LIQUID CHEMICAL DISTRIBUTION SYSTEMS with title change to: SPECIFICATION FOR HIGH PURITY POLYMER MATERIALS AND COMPONENTS USED IN ULTRAPURE WATER AND LIQUID CHEMICAL DISTRIBUTION SYSTEMS.

II. Tally

Standards staff to fill in.

Voting Tally: **As-cast tally after close of voting period**

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	63	÷ 104	= 60.6% ≥60%
Intercommittee Ballot	32		
Voting Interest Reject(s)	0	Total Voters 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 (**Matsuda, Mitsuhiro/ Kokusai Electric Corporation**) - Comment 1

Comment	*TF/TC Chapter to fill in section/paragraph #, if necessary. <i>R1-4.2.3, R1-4.2.4</i>	
	<i>surface area component, pipe . ' is incomplete. Separate values of units in subsections R1-2.1, R1-2.2. In subsection R1-3.1 check use of superindices</i>	
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)	Case 1: No vote in this section: To be included and voted on as a group in § VI. Editorial Changes Other than Those Voted on in § V.
		Case 2: Voted in this section: Original section number and at least one full sentence are required in "FROM" and "TO" fields.
Editorial	1	FROM: Section/Paragraph: <i>R1-2.1, R1-2.2</i> <i>75mm</i>

		TO: Section/Paragraph 75_mm
		Justification (If necessary) Separate values of units in subsections R1-2.1, R1-2.2 in 5 places.
Editorial Changes	2	FROM: Section/Paragraph: R1-3.1 ($\mu\text{g}/\text{m}^2/\text{day}$)
		TO: Section/Paragraph: R1-3.1 ($\mu\text{g}/\text{m}^2/\text{day}$).
		Justification (If necessary) In subsection R1-3.1 correct the use of superindices in 5 places.
Motion	To approve above editorial change(s)	
Motion by/2nd by	Laura Ledenbach (Peroxy Chemicals) / Darren Conner (PARK)	
Discussion	No action needed for the first statement of the voter comment: "surface area component, pipe.' is incomplete."	
Vote	13 Y-0 N; Motion passed.	

This table is needed for each Comment accompanied a Vote

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	=	49	/	49	=	100.0%		≥	90%

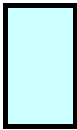
VII. – (ii) Approval Level (check one)

Note: See *Regulations* § 9.6.2 for further information.



Globally Approved (No Ratification Ballot needed):

The Letter Ballot meets the Letter Ballot approval conditions for the global technical committee.



Need a Ratification Ballot:

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

VIII. Safety Check

Note: See Regulations § 15 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 ¶ 8.7.1</i>)
	<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 ¶ 8.7.2</i>)
	<input type="checkbox"/>	Safety Checklist (<i>Regulations ¶ 15.3</i>) is complete and has been included with the Document throughout the balloting process. (<i>Regulations ¶ 15.1.2</i>)
Motion by/2nd by		Laura Ledenbach (Peroxy Chemicals) / Darren Conner (PARK)
Discussion		None
Vote		13 Y-0 N; Motion <u>passed</u>

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*. 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 technology?	<input checked="" type="checkbox"/>	Yes, at least one of them is a patented technology	GO TO IX (a) "Patented Technology" subsection
			<input type="checkbox"/>	No	GO TO IX (b) "Copyright items" subsection

X. Action for This Document

Motion	<input type="checkbox"/>	This Document passed TC Chapter review as balloted and will be forwarded to the ISC A&R SC for procedural review.
	<input checked="" type="checkbox"/>	This Document passed TC Chapter review with editorial changes and will be forwarded to the ISC A&R SC for procedural review.
	<input type="checkbox"/>	This Document 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.
	<input type="checkbox"/>	This Document failed TC Chapter review and will be returned to the TF for rework.
	<input type="checkbox"/>	This Document failed TC Chapter review and work will be discontinued.
Motion by/ 2nd by		Slava Libman (FTD Solutions) / David Kandiyeli (Mega Fluid Systems)
Discussion		None
Vote		13 Y-0 N
Final Action		<input checked="" type="checkbox"/> Motion passed
		<input type="checkbox"/> 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.