

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), Frank Flowers (Peroxy Chemicals)**

Standards Staff: **Inna Skvortsova**

	Scheduled in Background Statement	Actual
Date	04/04/2017	04/04/2017
Location	SEMI HQ, Milpitas, California	SEMI HQ, Milpitas, California
Reason for Change of Date and/or Location (if changed)		

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

I. Document Number and Title

Document Number	Document Title
6086	Revision to SEMI F75-1102 (Reapproved 0309), <i>GUIDE FOR QUALITY MONITORING OF ULTRAPURE WATER USED IN SEMICONDUCTOR MANUFACTURING</i>

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* ¶ 9.7.1.1)

Voting Tally (with example values):

Voting Interest:	Returned Votes	Distribution	Return Rate	
Letter Ballot	48	÷ 80	= 60.0%	≥60%
Intercommittee Ballot	15			
Voting Interest Reject(s)	0	Total Voters with Rejects		0
Voting Interest Accept(s)	35			

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

III. Rejects

No rejects received.

IV. Other Technical Issues

No other technical issues

V. Comments

V- (i) Voters' Comments

Commenter 1 (Murai, Koh/ MegaFluids) - Comment 1

Comment	*TF/TC Chapter to fill in section/paragraph #, if necessary.		
	8.2.2.2 - Should be Liquid Chromatography, currently is Liquide Chromatography		
	8.5.4 - RDI needs to be defined. Does not appear in Section 5 or in the SEMI Compilation of Terms <ul style="list-style-type: none"> Technical Committee recommendation not to define RDI. RDI is not a term or acronym. 		
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. Editorial Changes Other than Those Voted on in § V.
		<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: 8.2.2.2 Liquide chromatography with organic carbon detector (LC-OCD) is recommended for such troubleshooting.
			TO: Section/Paragraph 8.2.2.2 Liquide Liquid chromatography with organic carbon detector (LC-OCD) is recommended for such troubleshooting.
Justification (If necessary)			
Motion	To approve above editorial change(s)		
Motion by/2 nd by	Koh Murai (MegaFluids) / Bob McIntosh (GF Piping)		
Discussion	None		
Vote	7 Y-0 N; Motion passed.		

**V-(ii) Comments Created by Handling Negative
NONE**

**VI. Editorial Changes Other than Those Voted on in § V
NONE**

VII. Approval Conditions Check

		Accepts		(Accepts + Valid Rejects)			
Approval Rate	=	35	/	35	=	100.0%	≥90%

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 ¶ 9.7.1.2)

APPROVAL CONDITION 2: At least 90% of the sum of valid Voting Interest Accept and Voting Interest Reject Votes must be Accept. (Regulations ¶ 9.7.1.3)

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

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

Note: See Regulations § 9.7.2 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.

<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. (Regulations ¶ 8.7.1)
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Motion	<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/2 nd by	Bob McIntosh (Enviro-Energy Solutions) / Koh Murai (Mega Fluids Systems)	
Discussion	None	
Vote	7 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. 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 potentially material patented technology or copyrighted items* in the Standard or Guideline. (<i>Regulations</i> ¶ 8.8.1)	
	X	No potentially material patented technology or reproduction of copyrighted items is known. GO TO SECTION X.

* **Note: Such potentially material patented technology or copyrighted items might have become known since the Standard or Safety Guideline was last reviewed, or might become relevant due to this Letter Ballot.**

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.
	X	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/2 nd by	Koh Murai (Mega Fluids Systems) / Bob McIntosh (GF Piping)	
Discussion	None	
Vote	7 Y-0 N	
Final Action	X	Motion passed
	<input type="checkbox"/>	Motion failed

Standards staff to record the result of the A&R procedural review here:

A&R	<input type="checkbox"/>	Approved for publication
	<input type="checkbox"/>	Approved pending acceptance of the Ratification Ballot
	<input type="checkbox"/>	Not approved
	Reason:	