

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), Steven Rogers (KMG Chemicals), Laura Ledenbach (PeroxyChem/Evonik), Koh Murai (MegaFluid Systems)**

Standards Staff: **Laura Nguyen**

	Scheduled in Background Statement	Actual
Date	TBD	02/18/2021
Location	TBD	OVTCCM
Reason for Change of Date and/or Location (if changed)	COVID-19	

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

I. Document Number and Title

Document Number	Document Title
6602	New Standard: Test Method for Determining pH of Chemical Mechanical Planarization (CMP) Slurries and Related Chemicals

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	65	÷	105	=	61.9%	≥60%
Intercommittee Ballot	32					
Voting Interest Reject(s)	0		Total Voters with Rejects		0	
Voting Interest Accept(s)	41					

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

III. Rejects

None

IV. Other Technical Issues

None

Note: TC Chapter may choose to address a technical issue that is not part of a Negative received on a Letter Ballot (i.e., a Comment or a reason not addressed by a Vote response) by handling it as a Negative and finding it related and technically persuasive. The TC Chapter may then fail the Document or address such technical issue by using the procedure defined in *Regulations* § 9.6.1.4.3 to make a technical change to the Document. (*Regulations* ¶ 9.6.1.4.2.5)

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 section 2.1 'and / or' must be placed as 'and/or'. In section 7.1 'solution / pH' must be placed as 'solution/pH'.	
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.
	FROM: Section/Paragraph 2.1, 7.1	
	TO: Section/Paragraph 2.1, 7.1	
Editorial Changes	1	2.1 This Document applies to slurries and pCMP application chemicals determined by the manufacturer and / or IDM to be relevant as a measure of material quality. 7.1 <i>Reagents</i> — pH buffers, reference electrode solution / pH storage solution determined by the probe manufacturer.
		2.1 This Document applies to slurries and pCMP application chemicals determined by the manufacturer and/or <u>and/or</u> IDM to be relevant as a measure of material quality. 7.1 <i>Reagents</i> — pH buffers, reference electrode solution/pH <u>solution/pH</u> storage solution determined by the probe manufacturer.

	Justification (If necessary) Fix typographical error.
Motion	To approve above editorial change(s)
Motion by/2nd by	Koh Murai (Mega Fluid Systems) / Bob McIntosh (Georg Fischer)
Discussion	None
Vote	15 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
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	=	41	/	41	=	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	X	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>)
		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>)
		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		Koh Murai (Mega Fluid Systems) / Bob McIntosh (Georg Fischer)
Discussion		None
Vote		11 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*. 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.

X. Action for This Document

Motion		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.
		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.
		This Document failed TC Chapter review and will be returned to the TF for rework.
		This Document failed TC Chapter review and work will be discontinued.
Motion by/2nd by		Bob McIntosh (Georg Fischer) / Koh Murai (Mega Fluid Systems)
Discussion		None
Vote		12Y-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.