

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), Laura Ledenbach (Peroxy Chemicals), Steve Rogers (KMG Chemicals), Koh Murai (MegaFluid Systems)**

Standards Staff: **Inna Skvortsova**

	Scheduled in Background Statement	Actual
Date	Tuesday, November 6, 2018	Tuesday, November 6, 2018
Location	SEMI HQ, Milpitas, CA	SEMI HQ, Milpitas, CA
Reason for Change of Date and/or Location (if changed)		

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

Document Information

I. Document Number, Title, Lists of Line Items

Document Number 6399		Document Title LINE ITEM REVISION TO SEMI E49-0617 GUIDE FOR HIGH PURITY AND ULTRAHIGH PURITY PIPING PERFORMANCE, SUBASSEMBLIES, AND FINAL ASSEMBLIES
List of Line Items	Line Item 1	Line Item Title Update references in E49 to make it consistent with recently revised subordinate SEMI E49.2, E49.4, E49.5, and E49.7.

Line Item 1 Adjudication

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 (Line Item 1):

Voting Interest:	Returned Votes		Distribution		Return Rate	
Letter Ballot	60	÷	99	=	60.6%	≥60%
Intercommittee Ballot	26					
Voting Interest Reject(s)	0		Total Voters with Rejects			0
Voting Interest Accept(s)	45					

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

III. Rejects - None**IV. Other Technical Issues - None****V. Comments - 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APPROVAL CONDITION 1: All Negatives have been discussed and were withdrawn, found not related, found not persuasive, or addressed by a technical change.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 ¶ 9.7.1.2)

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.

		Accepts		(Accepts + Valid Rejects)					
Approval Rate	=	45	/	45	=	100.0%		≥90%	

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

Note: See Regulations § 9.7.2 for further information.

X

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 applies to the entire Standard or Safety Guideline including all the approved Line Items. See § 15 of the *Regulations* 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</i> ¶ 8.7.1)
		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)
		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		Koh Murai (Mega Fluid Systems) / Bob McIntosh (GF Piping)
Discussion		NONE
Vote		6 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</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?	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 (Check all applicable items)	<input checked="" type="checkbox"/>	Line item(s) [1] passed TC Chapter review as balloted and will be forwarded to the ISC A&R SC for procedural review.			
	Motion by/ 2nd by Bob McIntosh (GF Piping) / Koh Murai (Mega Fluid Systems)				
	Discussion NONE				
	Vote 6 Y-0 N				
	Final Action <table border="1"> <tr> <td><input checked="" type="checkbox"/></td> <td>Motion passed</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Motion failed</td> </tr> </table>		<input checked="" type="checkbox"/>	Motion passed	<input type="checkbox"/>
<input checked="" type="checkbox"/>	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"/>	Line item(s) [X], [X] and [X] are Approved for publication
	<input type="checkbox"/>	Line item(s) [X], [X] and [X] are Approved pending acceptance of the Ratification Ballot
	<input type="checkbox"/>	Line item(s) [X], [X] and [X] are Not approved
	Reason:	