

# Record of Letter Ballot Review by TC Chapter for Procedural Review

Region/Locale: **North America**  
 Global Technical Committee: **Gases**  
 TC Chapter Cochairs: **Mohamed Saleem/Brooks Instrument**  
 Standards Staff: **Laura Nguyen**

	Scheduled in Background Statement	Actual
Date	03/29/2022	03/29/2022
Location	SEMI HQ, Milpitas, CA/USA	SEMI HQ, Milpitas, CA/USA
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
6874	Reapproval of SEMI F79-0914, Guide for Gas Compatibility with Silicon Used in Gas Distribution Components

## 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	40	÷ 64	= 62.5%	≥60%
Intercommittee Ballot	15			
Voting Interest Reject(s)	1	Total Voters with Rejects		1
Voting Interest Accept(s)	28			

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

### III. Rejects

#### Voting Interest Reject 1 (Voting Interest Name: TEL)

#### Voter Reject 1 (Voter: Supika Mashiro / Tokyo Electron Limited)

#### Negative 1 (TEL-1)

Negative	Referenced Section/ Paragraph	*TF/TC Chapter to fill in, including text in the ballot if necessary.	
		7.4.1	
Negative	Negative Text	*Original complete Negative text (e.g., issue, justification, suggestion) should be copied.	
		Negative/ “must” should not be used. Or change the Standard subtype to a Specification.  Reason/ Justification/Suggestion Having any requirement in a Guide subtype of SEMI Standard is not allowed. Use of must is allowed only for expressing unavoidable consequence. See Style Manual Table 4, #4-6(2)	
Withdrawal (check one)	<input type="checkbox"/>	No Negative withdrawal made by Voter.	GO TO “Related” subsection
	<input checked="" type="checkbox"/>	Withdrawal document received by Standards staff on 03/29/2022.	GO TO “Final” subsection → (A)
Final	(check if applicable)	<input checked="" type="checkbox"/> (A)	Withdrawn (counted under h in disposition)
		<input type="checkbox"/> (B)	Not related (counted under i in disposition)
		<input type="checkbox"/> (C)	Related and not persuasive (significant)
		<input type="checkbox"/> (D)	Not significant (counted under j in disposition)
		<input type="checkbox"/> (E)	Related and persuasive and not addressed by technical change
	<input type="checkbox"/> (F)	Addressed by technical change (counted under k disposition)	
(check if applicable)	<input type="checkbox"/>	Comment generated. See Section V-(ii) Comment # X.	

This table is needed for each Negative.

#### Negative 2 (TEL-2)

Negative	Referenced Section/ Paragraph	*TF/TC Chapter to fill in, including text in the ballot if necessary.	
		7.4.1	
Negative	Negative Text	*Original complete Negative text (e.g., issue, justification, suggestion) should be copied.	
		Negative/ Even if the Document is not Guide subtype, a requirement by “must” is not appropriate..  Reason/ Justification/Suggestion See Style Manual Table 4, #4-6(1)	
Withdrawal (check one)	<input type="checkbox"/>	No Negative withdrawal made by Voter.	GO TO “Related” subsection
	<input checked="" type="checkbox"/>	Withdrawal document received by Standards staff on 03/29/2022.	GO TO “Final” subsection → (A)
Final	(check if applicable)	<input checked="" type="checkbox"/> (A)	Withdrawn (counted under h in disposition)
		<input type="checkbox"/> (B)	Not related (counted under i in disposition)
		<input type="checkbox"/> (C)	Related and not persuasive (significant)

		<b>(D)</b>	Not significant <b>(counted under j in disposition)</b>
		<b>(E)</b>	Related and persuasive and not addressed by technical change <b>DOCUMENT FAILS</b>
		<b>(F)</b>	Addressed by technical change <b>(counted under k disposition)</b>
<b>(check if applicable)</b>		Comment generated. <b>See Section V-(ii) Comment # X.</b>	

### Negative 3 (TEL-3)

<b>Negative</b>	<b>Referenced Section/ Paragraph</b>	<b>*TF/TC Chapter to fill in, including text in the ballot if necessary.</b>	
		7.4.1	
<b>Negative</b>	<b>Negative Text</b>	<b>*Original complete Negative text (e.g., issue, justification, suggestion) should be copied.</b>	
		Negative/ Use of "will" in the last sentence is not appropriate.  Reason/ Justification/Suggestion See Style Manual Table 4, #4-6(1) [Suggestion] If the TC Chapter is intended to keep this Standard a Guide, "will" should be replaced with "should". If the TC Chapter is intended to change the Standard subtype to Specification, replace "will" with "shall".	
<b>TF input (optional)</b>			
<b>Final</b>	<b>Withdrawal (check one)</b>	<input type="checkbox"/>	No Negative withdrawal made by Voter. <b>GO TO "Related" subsection</b>
		<input checked="" type="checkbox"/>	Withdrawal document received by Standards staff on 03/29/2022. <b>GO TO "Final" subsection → (A)</b>
<b>Final</b>	<b>(check if applicable)</b>	<input checked="" type="checkbox"/>	<b>(A)</b> Withdrawn <b>(counted under h in disposition)</b>
		<input type="checkbox"/>	<b>(B)</b> Not related <b>(counted under i in disposition)</b>
		<input type="checkbox"/>	<b>(C)</b> Related and not persuasive (significant)
		<input type="checkbox"/>	<b>(D)</b> Not significant <b>(counted under j in disposition)</b>
		<input type="checkbox"/>	<b>(E)</b> Related and persuasive and not addressed by technical change <b>DOCUMENT FAILS</b>
		<input type="checkbox"/>	<b>(F)</b> Addressed by technical change <b>(counted under k disposition)</b>
<b>(check if applicable)</b>		Comment generated. <b>See Section V-(ii) Comment # X.</b>	

### Disposition of Voting Interest Reject 1

Check only when the Document has not been failed.

3	Original number (#) of Negatives	(g)
3	Number of Negatives withdrawn	(h)
#	Number of Negatives found not related	(i)
#	Number of Negatives found not significant	(j)
#	Number of Negatives addressed by technical change <b>(Negative becomes not significant)</b>	(k)
<b>Final</b>	<input checked="" type="checkbox"/> $g - (h + i + j + k) = 0$	<b>Reject is Not Valid and is not included in the denominator of § VI. Approval Conditions Check</b>

	$g - (h + i + j + k) > 0$	Reject is included in the denominator of § VI. <i>Approval Conditions Check</i>
	Reject without a Negative	Not Valid

Note: If all of the Negatives included with a Reject Vote are withdrawn, determined to be not related, or determined to be not significant, the Reject Vote is not valid. (*Regulations ¶ 9.4.3.3*)

Note: A Negative addressed by a technical change is automatically considered to be not significant. (*Regulations ¶ 9.6.1.4.5.2*)

#### 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 ¶ 9.6.2.1.2*)

**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	=	28	/	28	=	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 <b>Safety Document</b> , 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 <b>Safety Document</b> , 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/2 <sup>nd</sup> by		By: Matt Milburn / Ham-let Second: Kevin Findleton / Ichor Systems
Discussion		None
Vote		9 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.

<input checked="" type="checkbox"/>	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> )	
<input checked="" type="checkbox"/>	The question is NOT answered in affirmative (No potentially material patented technology or use/reproduction of copyrighted items/trademarks is known.)	<b>GO TO SECTION X.</b>

## X. Action for This Document

Motion	<input checked="" type="checkbox"/>	This Document passed TC Chapter review as balloted and will be forwarded to the ISC A&R SC for procedural review.
Motion by/2 <sup>nd</sup> by		By: Matt Milburn / Ham-let Second: Yanli Chen / Applied Materials, Inc.
Discussion		None
Vote		9 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.