

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

Region/Locale: **North America**

Global Technical Committee: **Gases**

TC Chapter Cochairs: **Mohamed Saleem/Fujikin**

Standards Staff: **Laura Nguyen**

	Scheduled in Background Statement	Actual
Date	<b>07/12/2016</b>	<b>07/12/2016</b>
Location	<b>San Francisco Marriott Marquis</b>	<b>San Francisco Marriott Marquis</b>
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

<b>Document Number</b> <b>5244B</b>	<b>Document Title</b> <b>Revision of SEMI F21–1102, Classification of Airborne Molecular Contaminant Levels in Clean Environments</b>
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## 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	<b>36</b>	÷	<b>59</b>	=	<b>61.0%</b>	≥60%
Intercommittee Ballot	<b>13</b>					
Voting Interest Reject(s)	<b>1</b>		Total Voters with Rejects			<b>1</b>
Voting Interest Accept(s)	<b>17</b>					

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

### III. Rejects

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

#### Voter Reject 1 (Voter: Michael Otto/ Fraunhofer)

#### Negative 1

Negative	Referenced Section/ Paragraph						
	Negative Text	Is this topic not covered by ISO 14644 8 in much greater details?					
TF input (optional)							
Withdrawal (check one)	<input checked="" type="checkbox"/>	No Negative withdrawal made by Voter.				GO TO "Related" subsection	
	<input type="checkbox"/>	Withdrawal document received by Standards staff on MM/DD/YYYY.				GO TO "Final" subsection → (A)	
Related	Motion and Reason (check one)	<input checked="" type="checkbox"/>	'Related' is mutually agreed upon. (Needs no motion.)				GO TO "Persuasive" subsection
		<input type="checkbox"/>	Negative is not related. (Needs ≥2/3 votes to pass.)				
		Reason	XXXX				
Persuasive	Motion and Reason (check one)	<input type="checkbox"/>	Negative is related and persuasive. (Needs >1/3 votes to pass.)				
		<input checked="" type="checkbox"/>	Negative is related and not persuasive. (Needs ≥2/3 votes to pass.)				
		Reason	This is a question and should not be grounds for rejection. ISO 14644 8 is written for other industries and does not spell out requirements for Semiconductor industry. Besides, ISO 14644 8 (a copy of which is not available to SEMI Staff or TF members) is managed by independent organization. Also, 5244B is updated to include what is current with SEMI users.				
	Motion by/ 2 <sup>nd</sup> by	Jeff Christian (WIKI) / Scott Balson (Swagelok)					
	Discussion	None.					
	Result of Vote (check one)	9 Y 0 N; Motion passed.					
		<input type="checkbox"/>	[Negative is related and persuasive.] > 1/3	Is a technical change recommended? (check one)	<input type="checkbox"/>	Y	GO TO "Address by Technical Change Option" subsection
		<input type="checkbox"/>	[Negative is related and not persuasive.] < 2/3		<input type="checkbox"/>	N	GO TO "Final" subsection → (E)
<input type="checkbox"/>		2/3 ≤ [Negative is related and not persuasive.] < 90%	GO TO "Final" subsection → (C)				
<input checked="" type="checkbox"/>	90% ≤ [Negative is related and not persuasive.]	GO TO "Not Significant Finding Option" subsection					

Not Significant Finding Option	This option can be used only “if the TC Chapter finds a Negative not persuasive by a vote equal to or greater than 90% of the persons voting on the action”. (Regulations ¶ 9.6.4.4.2)				
	Use of “Not significant finding option” (check one)	X	It is mutually agreed upon to term the Negative “not significant”. GO TO “Final” subsection → (D)		
			It is mutually agreed upon to term the Negative “significant”. GO TO “Final” subsection → (C)		
		Whether or not the Negative is “not significant” is decided by a vote.			
Final	(check if applicable)		(A)	Withdrawn (counted under h in disposition)	
			(B)	Not related (counted under i in disposition)	
			(C)	Related and not persuasive (significant)	
		X	(D)	Not significant (counted under j in disposition)	
			(E)	Related and persuasive and not addressed by technical change	DOCUMENT FAILS
		(F)	Addressed by technical change (counted under k disposition)		
	(check if applicable)		Comment generated. See Section V-(ii) Comment # X.		

## Disposition of Voting Interest Reject 1

Check only when the Document has not been failed.

1	Original number (#) of Negatives		(g)
	Number of Negatives withdrawn		(h)
	Number of Negatives found not related		(i)
1	Number of Negatives found not significant		(j)
	Number of Negatives addressed by technical change (Negative becomes not significant)		(k)
Final	X	$g - (h + i + j + k) = 0$	Reject is Not Valid and is not included in the denominator of § VI. Approval Conditions Check
		$g - (h + i + j + k) > 0$	Reject is included in the denominator of § VI. Approval Conditions Check
		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* ¶ 9.6.4.4.2)

#### 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 ¶ 9.7.1.2*)

**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	=	17	/	17	=	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):**

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 <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> )
		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> )
		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		Jeff Christian (WIKA) / Yanli Chen (UCT)
Discussion		None.
Vote		10 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 ¶ 8.8.1</i> )	
	X	No potentially material patented technology or reproduction of copyrighted items is known. <b>GO TO SECTION X.</b>
		Potentially material patented technology or reproduction of copyrighted items is known, but a Letter of Assurance (LOA) or copyright release letter for such items has been obtained or presented to the TC Chapter. <b>GO TO SECTION X.</b>
		Potentially material patented technology or reproduction of copyrighted items is known and use of such materials is technically justified by the TC Chapter, but an LOA or copyright release letter for some of the item(s) has NOT been obtained or presented to the TC Chapter.
	Motion	Ask ISC for special permission to publish.
		Quit activity.
		Wait for LOA for patented technology or release of copyrighted items.
	Motion by/2 <sup>nd</sup> by Name (Company)/Name (Company)	
	Discussion XXXX	
	Vote XX Y-XX N	
	Final Action	Motion passed
		Motion failed

**\* 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

<b>Motion</b>	<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.
	<input 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.
<b>Motion by/ 2<sup>nd</sup> by</b>	Jeff Christian (WIKI) / Thomas Fritz (WIKI)	
<b>Discussion</b>	None.	
<b>Vote</b>	11 Y 0 N	
<b>Final Action</b>	<input checked="" type="checkbox"/>	Motion passed
	<input type="checkbox"/>	Motion failed

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

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