

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

Region/Locale: **Japan**

Global Technical Committee: **Liquid Chemical**

TC Chapter Cochairs: **Hiroshi Tomita / Toshiba Memory Corporation,  
Hiroyuki Araki / SCREEN Semiconductor Solutions Co., Ltd.**

Standards staff: **Mizue Iwamura (Ms.)**

	Scheduled in Background Statement	Actual
Date	<b>13/12/2017</b>	<b>13/12/2017</b>
Location	<b>Tokyo Big Sight, Tokyo, Japan</b>	<b>Tokyo Big Sight, Tokyo, Japan</b>

### I. Document Number and Title

Document Number	Document Title
<b>6196</b>	<b>Reapproval of SEMI C77-0912: TEST METHOD FOR DETERMINING THE COUNTING EFFICIENCY OF LIQUID-BORNE PARTICLE COUNTERS FOR WHICH THE MINIMUM DETECTABLE PARTICLE SIZE IS BETWEEN 30 nm AND 100 nm</b>

### II. Tally (Standards staff to fill in)

**Voting Tally: As-cast tally after close of voting period**

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>53</b>	÷	<b>86</b>	=	<b>61.6%</b>	>=60%
Intercommittee Ballot	<b>21</b>					
Voting Interest Reject(s)	<b>1</b>		<b>Total Voter with Rejects</b>		<b>1</b>	
Voting Interest Accept(s)	<b>35</b>					

### III. Rejects

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

#### Voting Interest Reject 1- Voter Reject 1 (Voter: Dale, Chuck / General Electric)

#### Negative 1 of Voting Interest Reject 1- Voter Reject 1

<b>Negative</b>	Referenced Section/ Paragraph	<b>*TF/TC Chapter to fill in including text in the ballot if necessary.</b>				
	Negative Text	<b>*Original complete Negative text (e.g., issue, justification, suggestion) should be copied.</b> <b>Background Statement Document 6196 does not provide enough information to allow a full review and reapprove vote for Specification C77. Please provide the complete text of C77 for review as an attachment to the Background Statement.</b>				
TF input (optional)						
<b>Withdrawal (check one)</b>	<input type="checkbox"/>	No Negative withdrawal made by Voter.		GO TO "Related" subsection		
	<input checked="" type="checkbox"/>	Withdrawal document received by Standards staff on 10/21/2017.		GO TO "Final" subsection → (A)		
<b>Related</b>	<b>Motion and Reason (check one)</b>	<input 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			
	Motion by/2nd by	Name (Company)/Name (Company)				
	Discussion					
	<b>Result of Vote (check one)</b>	XX-XX; Motion passed/failed.				
		<input type="checkbox"/>	[Negative is not related.] <2/3		GO TO "Persuasive" subsection	
<input type="checkbox"/>		2/3 ≤ [Negative is not related.]		GO TO "Final" subsection → (B)		
<b>Persuasive</b>	<b>Motion and Reason (check one)</b>	<input type="checkbox"/>	Negative is related and persuasive. (Needs >1/3 votes to pass.)			
		<input type="checkbox"/>	Negative is related and not persuasive. (Needs ≥2/3 votes to pass.)			
		Reason	XXXX			
	Motion by/2nd by	Name (Company)/Name (Company)				
	Discussion					
	<b>Result of Vote (check one)</b>	XX-XX; Motion passed/failed.				
<input type="checkbox"/>		[Negative is related and persuasive.] >1/3	Is a Technical Change Recommended?	Y	GO TO "Address by Technical Change Option" subsection	
<input type="checkbox"/>		[Negative is related and not persuasive.] <2/3	?	N	GO TO "Final" subsection → (E)	

		2/3 ≤ [Negative is related and not persuasive.] < 90%	GO TO “Final” subsection → (C)	
		90% ≤ [Negative is related and not persuasive.]	GO TO “Not Significant Finding Option” subsection	
Address by Technical Change Option	<b>Technical Change Recommended by the TF</b>			
	<b>Note: Original section/paragraph number and at least one full sentence are required in “FROM” and “TO” fields.</b>			
	1	FROM: Section/Paragraph XXX		
		TO: Section/Paragraph xxx		
		Justification (if necessary)		
	2	FROM: Section/Paragraph XXX		
		TO: Section/Paragraph xxx		
		Justification (if necessary)		
	Motion		Negative is addressed by the Technical Change.	
	Motion by/2nd by		Name (Company)/Name (Company)	
	Discussion			
	Result of Vote one (check one)		XX-XX; Motion passed/failed.	
			2/3 ≤ [Negative is addressed by the Technical Change.]	GO TO “Incorporation of the Technical Change” subsection
			[Negative is not addressed by the Technical Change.] < 2/3	GO TO “Final” subsection → (E)
	Incorporation of the Technical Change	Motion		To incorporate the Technical Change.
Motion by/2nd by		Name (Company)/Name (Company)		
Discussion				
Result of Vote (check one)		XX-XX; Motion passed/failed.		
		90% ≤ [Agree to incorporate.]	GO TO “Final” subsection → (F)	
		[Disagree to incorporate.] > 10%	GO TO “Final” subsection → (E)	
Not Significant Finding Option	<b>This option can only be used “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)</b>			
	Use of “Not significant finding option” (check one)		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.		
Motion		The Negative is “not significant”.		

	Motion by/2nd by	Name (Company)/Name (Company)			
	Vote		XX-XX; Motion passed with simple majority	GO TO "Final" subsection → (D)	
			XX-XX; Motion failed with simple majority	GO TO "Final" subsection → (C)	
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)	
			(D)	not significant (counted under j in disposition)	
			(E)	related and persuasive and not addressed by Technical Change	<b>DOCUMENT FAILS</b>
			(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

1	Original number of Negatives	(g)	
1	# of Negatives withdrawn	(h)	
0	# of Negatives found not related	(i)	
0	# of Negatives found not significant	(j)	
0	# of Negatives addressed by Technical Change (Negative becomes not significant)	(k)	
Final	✓	$g - (h + i + j + k) = 0$	Reject is <b>Not Valid</b> and is <b>not</b> included in the denominator of § VI. <i>Approval Conditions Check</i>
		$g - (h + i + j + k) > 0$	Reject is included in the denominator of § VI. <i>Approval Conditions Check</i>
		Reject without a Negative	<b>Not Valid</b>

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

There is no Other Technical Issue on #6196.

## V. Comments

### V- (i) Voters' Comments

#### Commenter 1 (Mizuno, Takehito / Nihon Pall Ltd.) - Comment 1

Comment	*TF/TC Chapter to fill in, if necessary.
	Only I can find first 4 pages.

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 checked="" 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 type="checkbox"/>	Editorial Change	
	Options for Editorial Change (check one)	Case 1: No vote in this section : <b>To be included and voted on in § VI. Summary of Editorial Changes.</b>	
		Case 2: Voted in this section : <b>Original section number and at least one full sentence are required in "FROM" and "TO" fields.</b>	
	Editorial Change	1	FROM: Section/Paragraph xxx
			TO: Section/Paragraph xxx
Justification (If necessary)			
2		FROM: Section/Paragraph xxx	
		TO: Section/Paragraph xxx	
		Justification (If necessary)	
Motion	To approve above editorial change(s)		
Motion by/2nd by	Name (Company)/Name (Company)		
Discussion	XXXX		
Vote	XX-XX; Motion passed/failed.		

### V-(ii) Comments Created by handling Negative

There is no Comments Created by handling Negative on #6196.

### VI. Editorial Changes other than those dealt with in Section V.

There is no Editorial Changes on #6196.

## 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	=	35	/	35	=	100.0%		>=90%	

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

See § 9.7.2 of the *Regulations* for further information

- The Letter Ballot meets the Letter Ballot Approval Conditions for the global technical committee
- The Letter Ballot the Letter Ballot Approval Conditions for the TC Chapter and a Ratification Ballot will be issued to verify Technical Changes

## VIII. Safety Check

See § 15 of the *Regulations* for further information.

Motion:	<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. ( <i>Regulations ¶ 8.7.1</i> )
	<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 ¶ 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/2nd by		Kaoru Kondo (Rion) / Kazutoshi Kato (PMS Division / Spectris Co., Ltd.)
Discussion		None.
Vote		10-0; 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 § 16 of the *Regulations* for further information.

<input checked="" type="checkbox"/>	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> )	
<input checked="" type="checkbox"/>	No potentially material patented technology or reproduction of	<b>GO TO SECTION IX</b>

		copyrighted items are known.	
		Potentially material patented technology or reproduction of copyrighted items are 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 IX</b>
		Potentially material patented technology or reproduction of copyrighted items are 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.	
<b>MOTION</b>		Ask ISC for special permission to publish.	
		Quit activity.	
		Wait for LOA for patented technology or release of copyrighted items.	
	<b>Motion by/2<sup>nd</sup> by</b>	Name (Company)/Name (Company)	
	<b>Discussion</b>	XXXX	
	<b>Vote</b>	XX-XX	
<b>Final Action</b>			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>	✓	This Document passed TC Chapter review as balloted and will be forwarded to the A&R SC for procedural review.
		This Document passed TC Chapter review with editorial changes and will be forwarded to the 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 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.
	<b>Motion by/2<sup>nd</sup> by</b>	Kaoru Kondo (Rion) / Kazutoshi Kato (PMS Division / Spectris Co., Ltd.)
	<b>Discussion</b>	None.
	<b>Vote</b>	10-0, Motion passed
<b>Final Action</b>	✓	Motion passed
		Motion failed

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

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