Record of Letter Ballot Review by TC Chapter for Procedural Review

Region/Locale: Japan
Global Technical Committee: EHS
TC Chapter Cochairs: Hidetoshi Sakura/Intel, Moray Crawford/Hatsuta, Supika Mashiro/Tokyo Electron
Standards staff: Junko Collins

	Scheduled in Background Statement	Actual
Date	04/17/2015	04/17/2015
Location	SEMI Japan, Tokyo Office	SEMI Japan, Tokyo Office

I. Document Number and Title

Document Number	Document Title
5556	Line Item Revision to SEMI S2-0712b, Environmental, Health, and Safety Guideline for Semiconductor Manufacturing Equipment Revisions to §19 "Seismic Protection"

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	51	÷	85	=	60.0%	>=60%
Intercommittee Ballot	25					
Voting Interest Reject(s)	4		**Total Voter with Rejects**		5	
Voting Interest Accept(s)	35					

III. Rejects
Voting Interest Reject 1 (Voting Interest Name: ASML)
Voting Interest Reject 1- Voter Reject 1 (Voter: Bert Planting/ASML)
Negative 1 of Voting Interest Reject 1- Voter Reject 1

<table>
<tr><td rowspan="3">Negative</td><td>Referenced Section/ Paragraph</td><td colspan="3">*TF/TC Chapter to fill in including text in the ballot if necessary.

19.2.3 <s>When calculating for overturning, a maximum value of 85% of the weight of the equipment should be used to resist the overturning moment.</s> A vertical force equal to 15% of the weight of the equipment acting upward or downward (i.e., a net force on the equipment center of gravity of .85W upward or 1.15W downward)</td></tr>
<tr><td>Negative Text</td><td colspan="3">*Original complete Negative text (e.g., issue, justification, suggestion) should be copied.

Negative:
Incorrect value"…of .85W upward …".

Proposal:
Should be .85W downward.</td></tr>
</table>

<table>
<tr><td colspan="2">TF input (optional)</td><td colspan="3"></td></tr>
</table>

<table>
<tr><td colspan="2">Withdrawal (check one)</td><td>X</td><td>No Negative withdrawal made by Voter.</td><td>GO TO "Related" subsection</td></tr>
<tr><td colspan="2"></td><td></td><td>Withdrawal document received by Standards staff on MM/DD/YYYY.</td><td>GO TO "Final" subsection → (A)</td></tr>
<tr><td rowspan="6">Related</td><td rowspan="3">Motion and Reason (check one)</td><td>X</td><td>'Related' is mutually agreed upon. (Needs no Motion.)</td><td>GO TO "Persuasive" subsection</td></tr>
<tr><td></td><td>Negative is not related. (Needs ≥2/3 votes to pass.)</td><td></td></tr>
<tr><td>■</td><td>Reason   XXXX</td><td></td></tr>
<tr><td>Motion by/2nd by</td><td colspan="3">Name (Company))/Name (Company)</td></tr>
<tr><td>Discussion</td><td colspan="3"></td></tr>
<tr><td>Result of Vote (check one)</td><td colspan="3">XX-XX; Motion passed/failed.</td></tr>
</table>

<table>
<tr><td></td><td>[Negative is not related.] <2/3</td><td>GO TO "Persuasive" subsection</td></tr>
<tr><td></td><td>2/3≤ [Negative is not related.]</td><td>GO TO "Final" subsection → (B)</td></tr>
</table>

<table>
<tr><td rowspan="6">Persuasive</td><td rowspan="3">Motion and Reason (check one)</td><td>X</td><td>Negative is related and persuasive. (Needs >1/3 votes to pass.)</td></tr>
<tr><td></td><td>Negative is related and not persuasive. (Needs ≥2/3 votes to pass.)</td></tr>
<tr><td>■</td><td>Reason   Task Force agrees that .85W upward is incorrect.

TF correct the wording as proposed - .85W downward.</td></tr>
<tr><td>Motion by/2nd by</td><td colspan="2">Eiji Nakatani (SCREEN Semiconductor Solutions)/Nishiguchi (SCREEN BS)</td></tr>
<tr><td>Discussion</td><td colspan="2">Would "0.85W downward" be definite solution for this negative? Yes
Is there no other option? No</td></tr>
<tr><td>Result of</td><td colspan="2">14/0; Motion passed</td></tr>
</table>

	Vote (check one)		x	[Negative is related and persuasive.] >1/3	Is a Technical Change Recommended ? (Y/N)		**GO TO "Address by Technical Change Option" subsection**
				[Negative is related and not persuasive.] <2/3		No	**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	**Technical Change Recommended by the TF** **Note: Original section/paragraph number and at least one full sentence are required in "FROM" and "TO" fields.**						
	Technical 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		Negative is addressed by the Technical Change.				
	Motion by/2nd by		Name (Company)/Name (Company)				
	Discussion						
	Result of Vote (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	**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	**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)**						
	Use of "Not significant"			It is mutually agreed upon to term the Negative "not significant".		**GO TO "Final" subsection → (D)**	

	finding option" (check one)		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)	
		x	**(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

#	Original number of Negatives		(g)
#	# of Negatives withdrawn		(h)
#	# of Negatives found not related		(i)
#	# of Negatives found not significant		(j)
#	# of Negatives addressed by Technical Change (Negative becomes not significant)		(k)
Final		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)

X. Action for This Document

Motion		
		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.
	x	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		Eiji Nakatani (SCREEN Semiconductor Solutions)/Naokatsu Nishiguchi (SCREEN Semiconductor Business Solution)
Discussion		No discussion
Vote		15-0
Final Action	x	Motion passed
		Motion failed

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

A&R		Approved for publication
		Approved pending for acceptance of the Ratification Ballot
		Not approved
	Reason:	