

Record of Line-item Letter Ballot Review by TC Chapter for Procedural Review

Region/Locale: **NA**
 Global Technical Committee: **EHS**
 TC Chapter Cochairs: **Sean Larsen (Lam Research), Chris Evanston (Salus Engineering), Bert Planting (ASML)**
 Standards Staff: **Kevin Nguyen**

	Scheduled in Background Statement	Actual
Date	11/9/2017	11/9/2017
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 6204	Document Title Line Item Revisions to SEMI S6-0707E With Title Change To: Environmental, Health, and Safety Guideline for Exhaust Ventilation of Semiconductor Manufacturing Equipment	
List of Line Items	Line Item 1	Line Item Title Title change to align with procedure manual
	Line Item 2	Line Item Title Add Table of Contents and remove list of sections from scope section
	Line Item 3	Line Item Title Update retroactive clause to refer to more versions than S6-93 and align with S2 revision
	Line Item 4	Line Item Title Clean up some references to other documents

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:

Voting Interest:	Returned Votes		Distribution	=	Return Rate	
Letter Ballot	58	÷	96	=	60.4%	≥60%
Intercommittee Ballot	27					
Voting Interest Reject(s)	0		Total Voters with Rejects		0	
Voting Interest Accept(s)	52					

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

III. Rejects None

IV. Other Technical Issues

None

V. Comments

V- (i) Voters' Comments

Commenter 1 (Lam Research: Sean Larsen) - Comment 1

Comment	*TF/TC Chapter to fill in section/paragraph #, if necessary. LI-1 Title
	COMMENT Suggestion / Justification I prefer EH&S.
Action	The TC Chapter agreed to do one of the following actions.
	*No motion is required in this step.
	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

V-(ii) Comments Created by Handling Negative

None

VI. Editorial Changes Other than Those Voted on in § V

Original section/paragraph number and at least one full sentence are required in “FROM” and “TO” fields.

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	=	52	/	52	=	100.0%		≥	90%

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

Note: See *Regulations § 9.7.2* for further information.

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.

Line Item 2 Adjudication

II. Tally

Voting Tally:

Voting Interest:	Returned Votes		Distribution		Return Rate	
Letter Ballot	58	÷	96	=	60.4%	≥60%
Intercommittee Ballot	27					
Voting Interest Reject(s)	0		Total Voters with Rejects		0	
Voting Interest Accept(s)	53					

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

III. Rejects

None

IV. Other Technical Issues

None

V. Comments

V- (i) Voters' Comments

Commenter 1 (Lam Research: Sean Larsen) - Comment 1

Comment	*TF/TC Chapter to fill in section/paragraph #, if necessary.	
	LI-2 ToC COMMENT Suggestion / Justification If allowed by style manual, I would prefer the Appendices and RIs to be listed in title case versus upper case, similar to previous list in Scope section, to make it easier to read.	
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 1
	<input 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	

	X	Editorial Change
		<p>Options for editorial change (check one)</p> <p><input type="checkbox"/> Case 1: No vote in this section: To be included and voted on as a group in § VI. Editorial Changes Other than Those Voted on in § V.</p> <p><input checked="" type="checkbox"/> Case 2: Voted in this section: Original section number and at least one full sentence are required in "FROM" and "TO" fields.</p>
Editorial Changes	1	<p>FROM: Section/Paragraph Table of Contents</p> <p>APPENDIX 1 — DETERMINATION OF GAS AND VAPOR GENERATION AND RELEASE RATES 27 APPENDIX 2 — TEST METHOD FOR DETERMINING FUGITIVE EMISSIONS BY USING TRACER GAS 34 APPENDIX 3 — TEST METHOD FOR AEROSOL VISUALIZATION 38 APPENDIX 4 — TEST METHOD FOR AIR PATTERN ASSESSMENT FOR FLAMMABLE GAS AND VAPOR SOURCES 39 APPENDIX 5 — TEST METHOD FOR FACE VELOCITY MEASUREMENT 42 APPENDIX 6 — TEST METHODS FOR FLOW AND PRESSURE 43 RELATED INFORMATION 1 — EXAMPLE EXHAUST VENTILATION PARAMETERS 45 RELATED INFORMATION 2 — RELATIONSHIP TO FACILITY EXHAUST VENTILATION SYSTEMS 46 RELATED INFORMATION 3 — GENERAL DESIGN RECOMMENDATIONS 49 RELATED INFORMATION 4 — CONTROLLING OBJECTIONABLE ODORS FROM PROCESS EQUIPMENT 66 RELATED INFORMATION 5 — RECOMMENDED FORM FOR REPORTING EXHAUST VENTILATION INFORMATION 70 RELATED INFORMATION 6 — GENERAL EQUATION RELATING PROCESS GAS FLOW RATE TO TRACER GAS INJECTION RATE 72 RELATED INFORMATION 7 — EXHAUST VENTILATION AS SMOKE CONTROL 73</p>
		<p>FROM: Section/Paragraph Table of Contents</p> <p>Appendix 1 — Determination of Gas and Vapor Generation and Release Rates 27 Appendix 2 — Test Method for Determining Fugitive Emissions by Using Tracer Gas 34 Appendix 3 — Test Method for Aerosol Visualization 38 Appendix 4 — Test Method for Air Pattern Assessment for Flammable Gas and Vapor Sources 39 Appendix 5 — Test Method for Face Velocity Measurement 42 Appendix 6 — Test Methods for Flow and Pressure 43 Related Information 1 — Example Exhaust Ventilation Parameters 45 Related Information 2 — Relationship to Facility Exhaust Ventilation Systems 46 Related Information 3 — General Design Recommendations 49 Related Information 4 — Controlling Objectionable Odors from Process Equipment 66 Related Information 5 — Recommended Form for Reporting Exhaust Ventilation Information 70 Related Information 6 — General Equation Relating Process Gas Flow Rate to Tracer Gas Injection Rate 72 Related Information 7 — Exhaust Ventilation as Smoke Control 73</p>
		<p>Justification (If necessary) Makes it easier to read and fit on the page</p>
Motion	To approve above editorial change(s)	
Motion by/2nd by	Sean Larsen (Lam Research)/Eric Sklar (Safety Guru)	
Discussion	XXXX	

Vote	7 Y-0 N; Motion passed
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**V-(ii) Comments Created by Handling Negative
None**

**VI. Editorial Changes Other than Those Voted on in § V
See section V- (i) above**

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	=	53	/	53	=	100.0%		≥90%	

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

Note: See Regulations § 9.7.2 for further information.

Globally Approved (No Ratification Ballot needed):

Line Item 2 meets the Letter Ballot approval conditions for the global technical committee.

Need a Ratification Ballot:

Line Item 2 meets the Letter Ballot approval conditions for the TC Chapter and a Ratification Ballot will be issued to validate technical changes.

Line Item 3 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:

Voting Interest:	Returned Votes	Distribution	Return Rate	≥60%
Letter Ballot	58	96	60.4%	
Intercommittee Ballot	27			
Voting Interest Reject(s)	2	Total Voters with Rejects		2
Voting Interest Accept(s)	49			

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

III. Rejects

Voting Interest Reject 1 (Voting Interest Name: SCREEN)

Voter Reject 1 (Voter: Imamiya, Ryosuke / SCREEN Semiconductor Solutions)

Negative 1

Negative	Referenced Section/ Paragraph	*TF/TC Chapter to fill in, including text in the ballot if necessary.		
	Negative Text	3.7 3.72 *Original complete Negative text (e.g., issue, justification, suggestion) should be copied. If SEMI S6-93 is still acceptable for existing models, do not delete the words SEMI S6-93. A previous version of SEMI S6 reminds only the 2000 versions of SEMI S6.		
TF input (optional)				
Withdrawal (check one)	x	No Negative withdrawal made by Voter.	GO TO "Related" subsection	
		Withdrawal document received by Standards staff on MM/DD/YYYY.	GO TO "Final" subsection → (A)	
Related	⊗	'Related' is mutually agreed upon. (Needs no motion.)	GO TO "Persuasive" subsection	
		Negative is not related. (Needs ≥2/3 votes to pass.)		
		Reason	XXXX	

	Motion by/ 2 nd by	Name (Company)/Name (Company)			
	Discussion				
	Result of Vote (check one)	XX Y-XX N; 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)		
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	The balloted change does not limit to the 2000 version as indicated by the negative.	
	Motion by/ 2 nd by	Sean Larsen (Lam Research) /Ed Karl (Applied Materials)			
	Discussion	None			
	Result of Vote (check one)	8 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)	<input checked="" type="checkbox"/>	It is mutually agreed upon to term the Negative "not significant".		GO TO "Final" subsection → (D)
		<input type="checkbox"/>	It is mutually agreed upon to term the Negative "significant".		GO TO "Final" subsection → (C)
		<input type="checkbox"/>	Whether or not the Negative is "not significant" is decided by a vote.		
	Motion	The Negative is "not significant".			
	Motion by/ 2 nd by	Name (Company)/Name (Company)			
Vote	<input type="checkbox"/>	XX Y-XX N; Motion passed with simple majority		GO TO "Final" subsection → (D)	
	<input type="checkbox"/>	XX Y-XX N; Motion failed with simple majority		GO TO "Final" subsection → (C)	
Final	(check if applicable)	<input 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 checked="" type="checkbox"/>	(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)	
0	Number of Negatives withdrawn	(h)	
0	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)

Voting Interest Reject 2 (Voting Interest Name: Safety Guru)

Voter Reject 1 (Voter: Eric Sklar / Safety Guru)

Negative 1

	Referenced Section/ Paragraph	*TF/TC Chapter to fill in, including text in the ballot if necessary.
Negative	Negative Text	*Original complete Negative text (e.g., issue, justification, suggestion) should be copied.
		<p>The point made by the NOTE is rather important, so the NOTE's contents should be retained and, if the risk(s) to be mitigated by the ventilation have changed, re assessment to the originally used or current S6 should be done.</p> <p>I do realize that this opens a large can of worms as to who is responsible for making the ventilation conform to the criteria for a use that is created by a user, not by the equipment supplier.</p> <p>I think it's important enough, though, to make the point that what ventilation is needed depends not only on the design of the equipment, but on how (particularly with what chemicals) it is used.</p>

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			
	Motion by/ 2nd by		Name (Company)/Name (Company)			
	Discussion					
	Result of Vote (check one)		XX Y-XX N; 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)	
Persuasive	Motion and Reason (check one)		<input checked="" 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		Sean Larsen (Lam Research) /Eric Sklar (Safety Guru)			
	Discussion		None			
	Result of Vote (check one)		8 Y-0 N; Motion passed			
			<input checked="" type="checkbox"/>	[Negative is related and persuasive.] > 1/3	Is a technical change recommended? (check one)	<input checked="" type="checkbox"/> Y
<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 type="checkbox"/>	90% ≤ [Negative is related and not persuasive.]	GO TO "Not Significant Finding Option" subsection				
Address by Technical Change Option	Technical Change Recommendations					
	Original section/paragraph number and at least one full sentence are required in "FROM" and "TO" fields.					
	Technical Changes	1	FROM: Section/Paragraph 3.7.1 Equipment models with redesigns that significantly affect the equipment ventilation, air flow or hazards being controlled by these features should conform to the latest version of SEMI S6.			

	TO: Section/Paragraph 3.7.1 Equipment models with redesigns or other changes (such as process changes) that significantly affect the equipment ventilation, air flow or risks being controlled by these features should conform to the latest version of SEMI S6.			
	Justification (if necessary) This both addresses the negative and is the original intent of the proposed change.			
	Motion	Negative is addressed by the technical change(s).		
	Motion by/2nd by	Sean Larsen (Lam Research) /Eric Sklar (Safety Guru)		
	Discussion	None		
	Result of Vote (check one)	3 Y-0 N; Motion passed		
<input checked="" type="checkbox"/>		2/3 ≤ [Negative is addressed by the technical change(s).]	GO TO "Incorporation of the Technical Change" subsection	
<input type="checkbox"/>		[Negative is not addressed by the technical change(s).] < 2/3	GO TO "Final" subsection → (E)	
Incorporation of the Technical Change	Motion	To incorporate the technical change(s).		
	Motion by/2nd by	Sean Larsen (Lam Research) /Eric Sklar (Safety Guru)		
	Discussion	None		
	Result of Vote (check one)	5 Y-0 N; Motion passed		
<input checked="" type="checkbox"/>		90% ≤ [Agree to incorporate.]	GO TO "Final" subsection → (F)	
<input type="checkbox"/>		[Disagree to incorporate.] > 10%	GO TO "Final" subsection → (E)	
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)	<input type="checkbox"/>	It is mutually agreed upon to term the Negative "not significant".	GO TO "Final" subsection → (D)
		<input type="checkbox"/>	It is mutually agreed upon to term the Negative "significant".	GO TO "Final" subsection → (C)
		<input type="checkbox"/>	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	<input type="checkbox"/>	XX Y-XX N; Motion passed with simple majority	GO TO "Final" subsection → (D)	
	<input type="checkbox"/>	XX Y-XX N; Motion failed with simple majority	GO TO "Final" subsection → (C)	
Final	(check if applicable)	<input 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	DOCUMENT FAILS
		<input checked="" type="checkbox"/>	(F) Addressed by technical change (counted under k disposition)	

(check if applicable)		Comment generated. See Section V-(ii) Comment # X.
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Disposition of Voting Interest Reject 2

Check only when the Document has not been failed.

1	Original number (#) of Negatives	(g)	
0	Number of Negatives withdrawn	(h)	
0	Number of Negatives found not related	(i)	
0	Number of Negatives found not significant	(j)	
1	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

Note: TC Chapter may choose to address a technical issue that is not part of a Negative received on a Letter Ballot (i.e., a Comment or a reason not addressed by a Vote response) by handling it as a Negative and finding it related and technically persuasive. The TC Chapter may then fail the Document or address such technical issue by using the procedure defined in Regulations § 9.6.4.3 to make a technical change to the Document. (Regulations ¶ 9.6.2.4.5)

None

V. Comments

V- (i) Voters' Comments

Commenter 1 (Lam Research: Sean Larsen) - Comment 1

Comment	*TF/TC Chapter to fill in section/paragraph #, if necessary. LI-3 3.7.2
	Accept with comment COMMENT Suggestion / Justification Fix the ballot preparation error and delete the duplicate "should continue".
Acti	The TC Chapter agreed to do one of the following actions.
	*No motion is required in this step.

		Already addressed by Commenter #, Comment #
		No further action was taken by the TC Chapter.
		Refer to the TF for more consideration.
		New Business
	X	Editorial Change
	Options for editorial change (check one)	Case 1: No vote in this section: To be included and voted on as a group in § VI. Editorial Changes Other than Those Voted on in § V.
	X	Case 2: Voted in this section: Original section number and at least one full sentence are required in "FROM" and "TO" fields.
Editorial Changes	1	FROM: Section/Paragraph xxx 3.7.2 Models and subsystems that have been assessed to a previous version of SEMI S6 should continue should continue to meet the previous version, or meet a more recently published version, and are not intended to be subject to the provisions of this version.
		TO: Section/Paragraph xxx 3.7.2 Models and subsystems that have been assessed to a previous version of SEMI S6 should continue to meet the previous version, or meet a more recently published version, and are not intended to be subject to the provisions of this version.
		Justification (If necessary) Redundant text should be removed. Is editorial and the redundancy does not imply any other meanings.
		Motion To approve above editorial change(s)
	Motion by/2nd by	Sean Larsen (Lam Research)/Eric Sklar (Safety Guru)
	Discussion	None
	Vote	5 Y-0 N; Motion passed

Commenter 2 (Lam Research: Brian Claes) - Comment 1

Comment	*TF/TC Chapter to fill in section/paragraph #, if necessary.	
	Abstain with comment	
	Clause 3.7.2 has redundant text ('should continue should continue')	
Action	The TC Chapter agreed to do one of the following actions.	
	*No motion is required in this step.	
	x	Already addressed by Commenter 1, Comment 1
		No further action was taken by the TC Chapter. (as addressed above)
		Refer to the TF for more consideration.
		New Business
	Editorial Change	

Commenter 3 (Tokyo Electron: Lauren Crane) - Comment 1

Comment	*TF/TC Chapter to fill in section/paragraph #, if necessary.	
	<p>Accept with comment</p> <p>There is a repeated phrase in the proposed addition (highlighted here with asterisk). We recommend it be deleted as an editorial matter. '3.7.2 Models and subsystems that have been assessed to a previous version of SEMI S6 should continue *should continue* to meet the previous version, or meet a more recently published version, and are not intended to be subject to the provisions of this version.'</p>	
Action	The TC Chapter agreed to do one of the following actions.	
	*No motion is required in this step.	
	x	Already addressed by Commenter 1, Comment 1
		No further action was taken by the TC Chapter. (addressed above)
		Refer to the TF for more consideration.
		New Business
	Editorial Change	

Commenter 4 (SCREEN Semiconductor Solutions: Naokatsu Nishiguchi) - Comment 1

Comment	*TF/TC Chapter to fill in section/paragraph #, if necessary. 3.7.2	
	<p>Accept with comment</p> <p>Please correct as follows. “3.7.2 Models and subsystems that have been assessed to a previous version of SEMI S6 should continue should continue to meet the previous version, or meet a more recently published version, and are not intended to be subject to the provisions of this version.</p>	
Action	The TC Chapter agreed to do one of the following actions.	
	*No motion is required in this step.	
	x	Already addressed by Commenter 1, Comment 1
		No further action was taken by the TC Chapter. (Addressed above)
		Refer to the TF for more consideration.
		New Business
	Editorial Change	

**V-(ii) Comments Created by Handling Negative
None**

VI. Editorial Changes Other than Those Voted on in § V

Original section/paragraph number and at least one full sentence are required in “FROM” and “TO” fields.

See section V-(i) above

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	=	49	/	49	=	100.0%		≥90%	

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

Note: See *Regulations § 9.7.2* for further information.

Globally Approved (No Ratification Ballot needed):

Line Item 3 meets the Letter Ballot approval conditions for the global technical committee.

Need a Ratification Ballot:

Line Item 3 meets the Letter Ballot approval conditions for the TC Chapter and a Ratification Ballot will be issued to validate technical changes.

Line Item 4 Adjudication

II. Tally

Voting Tally:

Voting Interest:	Returned Votes		Distribution	=	Return Rate	
Letter Ballot	58	÷	96	=	60.4%	≥60%
Intercommittee Ballot	27					
Voting Interest Reject(s)	0		Total Voters with Rejects		1	
Voting Interest Accept(s)	49					

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

III. Rejects

None

IV. Other Technical Issues

None

V. Comments

Commenter 1 (Safety Guru: Eric Sklar) - Comment 1

Comment	*TF/TC Chapter to fill in section/paragraph #, if necessary.	
	Abstain with comment Comment: IIRC, Changes to Referenced Standards and Documents are not subject to ballot. This Section is a listing of the standards and documents to which there are references in the rest of the present document, so determining the contents of this document is a clerical procedure. (Changing the references in the rest of the document, however, is technical for normative references.)	
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	

V- (i) Voters' Comments
None

V-(ii) Comments Created by Handling Negative
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	=	49	/	49	=	100.0%		≥90%	

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

Note: See *Regulations § 9.7.2* for further information.

Globally Approved (No Ratification Ballot needed):

Line Item 4 meets the Letter Ballot approval conditions for the global technical committee.

Need a Ratification Ballot:

Line Item 4 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	<input 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</i> ¶ 8.7.1)
	<input checked="" type="checkbox"/>	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)
	<input checked="" type="checkbox"/>	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/2nd by		Sean Larsen (Lam Research)/ Eric Sklar (Safety Guru)
Discussion		XXXX
Vote		3 Y-0 N; Motion passed

IX. Intellectual Property (IP) Check

Note: This IP check applies to the entire Standard or Safety Guideline including all the approved Line Items. 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</i> ¶ 8.8.1)	
<input checked="" type="checkbox"/>	No potentially material patented technology or reproduction of copyrighted items is known.	GO TO SECTION X.

* **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

Motion (Check all applicable items)	<input checked="" type="checkbox"/>	Line item(s) 1 and 4 passed TC Chapter review as balloted and will be forwarded to the ISC A&R SC for procedural review.
	<input checked="" type="checkbox"/>	Line item(s) 2 passed TC Chapter review with editorial changes and will be forwarded to the ISC A&R SC for procedural review.
	<input checked="" type="checkbox"/>	Line item(s) 3 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"/>	Line item(s) [X], [X] and [X] failed TC Chapter review and will be returned to the TF for rework.
	<input type="checkbox"/>	Line item(s) [X], [X] and [X] failed TC Chapter review and work will be discontinued.
Motion by/ 2nd by		Sean Larsen (LAM Research) / Eric Sklar (Safety Guru)
Discussion		XXXX
Vote		7 Y-0 N
Final Action	<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		Line item(s) [X], [X] and [X] are Approved for publication
		Line item(s) [X], [X] and [X] are Approved pending acceptance of the Ratification Ballot
		Line item(s) [X], [X] and [X] are Not approved
	Reason:	