

Procedural Review Voting Sheet 2013 Cycle 2

REGION: **NA**
 COMMITTEE: PV Materials
 EVENT: **NA Spring**
 DATE OF MEETING: April 3, 2013
 PLACE OF MEETING: SEMI HQ, San Jose, CA
 COMMITTEE CO-CHAIRS: Win Baylies (BayTech Group)
 SEMI STAFF: Kevin Nguyen

A&R Voter: Name/Company
 Date: 200X/MM/DD

I. Document Number & Title

Document 5439	Line Item Revision to SEMI PV13-1111, Test Method for Contactless Excess-Charge-Carrier Recombination Lifetime Measurement in Silicon Wafers, Ingots, and Bricks Using an Eddy-Current Sensor
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II-1 Line item 1

Line Item 1	Materials Revision proposed here adds references to this study in the Reference Material section and adds a precision statement based on the study to the Uncertainty section.
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1. Tally (**Staff to fill in**)

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

A minimum of 60% of the voting interests that have voting members within the technical committee must return votes. (Regulations ¶ 9.6.1)

	Return	Distribution	Return Rate	
Yellow	52	÷ 85	= 61.2%	>=60%
Lilac & Others	52			

Total Vote	104			
Reject	1			
Accept	30			

A&R	Not approved
	Reason:

2. Rejects

Reject 1 (Michael Boettcher/Bosch Solar Energy)

Negative 1 of Reject 1

Negative	Referenced Section	*TF/Committee to fill in if necessary	
	Reason	Calibration insufficient	
Withdrawal	<input checked="" type="checkbox"/>	No withdrawal made	GO TO "Related" section
	<input type="checkbox"/>	Withdrawal document received by staff on XXXX	GO TO "Final" → (A)
Related	Motion and Reason	<input type="checkbox"/>	"Related" is mutually agreed upon.
		<input checked="" type="checkbox"/>	*This motion can be appended to the motion for Persuasive (See Persuasive Section)
		<input type="checkbox"/>	Negative is related (needs over 1/3 votes to pass)
		<input type="checkbox"/>	Negative is not related (needs 2/3 or more votes to pass)
		Reason	XXXX
	Motion by/2nd by	Name (Company)/Name (Company)	
Discussion			
Result of Vote (check ONE)	XX-XX		
	<input type="checkbox"/>	[Negative is related] > 1/3	GO TO "Persuasive"
	<input type="checkbox"/>	[Negative is not related] < 2/3	
	<input type="checkbox"/>	2/3=< [Negative is not related] <90%	GO TO "Final" → (B)
<input type="checkbox"/>	90% =< [Negative is not related]	GO TO "Not Significant Finding Option"	
Persuasive	Motion and Reason	<input type="checkbox"/>	Negative is related and persuasive (needs over 1/3 votes to pass)
		<input checked="" type="checkbox"/>	Negative is related and not persuasive (needs 2/3 or more votes to pass)
		Reason	Insufficient information. The voter was contacted for additional information. However, multiple attempts were made. Voter did not respond.
	Motion by/2nd by	James Swirhun (Sinton Instruments)/Hugh Gotts (Air Liquide)	
	Discussion	The calibration section from the document was reviewed in the meeting. The section is complete with full details. It was unclear why the voter stated that it was insufficient.	
Result of Vote (check ONE)	4-0		
	<input type="checkbox"/>	[Negative is related and persuasive] > 1/3	GO TO "Final" → (E)

			[Negative is related and not persuasive] < 2/3		
			2/3=<[Negative is related and not persuasive] <90%	GO TO “Final” → (C)	
		x	90% =< [Negative is related and not persuasive]	GO TO “Not Significant Finding Option”	
Not Significant Finding Option	<p>This option can only be used in either case of “if the committee finds a negative not related by a vote equal to or greater than 90% of the persons voting on the action” or “if the committee finds a negative not persuasive by a vote equal to or greater than 90% of the persons voting on the action”. (Regulations ¶ 9.5.3.1.4, 9.5.3.3.2)</p>				
		x	It is mutually agreed upon to term the negative “not significant”	GO TO → (D)	
			It is mutually agreed upon to term the negative “significant”	GO TO → (B) OR (C)	
	Motion		The negative is “not significant”.		
	Motion by/2nd by	Name (Company)/Name (Company)			
	Vote		XX-XX Motion passed with simple majority	GO TO → (D)	
		XX-XX Motion failed with simple majority	GO TO → (B) OR (C)		
Final	Negative is:				
		(A)	withdrawn (counted under h in disposition)		
		(B)	not related (significant) (counted under i in disposition)		
		(C)	related and not persuasive (significant)		
	x	(D)	not significant (counted under j in disposition)		
		(E)	related and persuasive	DOCUMENT FAILS	
	Comment generated. See comment #x				
A&R		Not approved			
	Reason:				

Disposition of Reject 1

1	Original number of Negatives	(g)	
	# of Negatives withdrawn	(h)	
	# of Negatives found not related	(i)	
1	# of Negatives found not significant	(j)	
Final	x	$g-(h+i+j)=0$	<input type="checkbox"/> Reject is Not Valid and is not included in the denominator of <u>V. Approval Conditions Check</u>
		$g-(h+i+j)>0$	<input type="checkbox"/> Reject is included in the denominator of <u>V. Approval Conditions Check</u>
		Reject without a Negative	<input type="checkbox"/> Not Valid

	Reason:
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III. Safety Check

This section applies to the entire document.
See Section 14 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.
	<input type="checkbox"/>	This is a Safety Document: when all safety-related information is removed, the document is not technically sound and complete.
	<input type="checkbox"/>	Safety Checklist is complete and has been included with the document throughout the balloting process. (Regulations ¶ 14.3)
Motion by/ 2nd by		James Swirhun (Sinton Instruments)/Hugh Gotts (Air Liquide)
Discussion		None
Vote		4-0 Motion passed
A&R		Not approved
		Reason:

IV. Intellectual Property Check

Note: This ballot may be all or part of a Standard or Safety Guideline. This IP check applies to the entire Standard or Safety Guideline. See § 15 of the Regulations for further information

<input checked="" type="checkbox"/>	The meeting chair asked those present in person or by electronic link, if they were aware of any potentially material patented technology or copyrighted items* in the Standard or Guideline.		
<input checked="" type="checkbox"/>	No potentially material patented technology or copyrighted items are known	GO TO SECTION IX	
<input type="checkbox"/>	Potentially material patented technology or copyrighted items are known but a Letter of Assurance (LOA) or copyright release for such material has been obtained or presented to the committee.	GO TO SECTION IX	
<input type="checkbox"/>	Potentially material patented technology or copyrighted items are known but an LOA or copyright release for some of the material(s) has NOT been obtained or presented to the committee		
MOTION		Ask ISC for special permission to publish	
	<input type="checkbox"/>	Quit activity	
	<input type="checkbox"/>	Wait for LOA for patented technology or release of copyrighted items.	
Motion by/2nd by		Name (Company)/Name (Company)	
Discussion		XXXX	
Vote		XX-XX	
Final Action		<input type="checkbox"/>	Motion Passed
		<input type="checkbox"/>	Motion Failed
A&R		Not approved	

	Reason:
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* 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 ballot.

V. Action for this document

Motion (Check all applicable items)	<input checked="" type="checkbox"/>	Line item(s) [1] passed committee review as balloted and will be forwarded to the A&R for procedural review.
	<input type="checkbox"/>	Line item(s) [X], [X] and [X] passed committee review with editorial changes and will be forwarded to the A&R for procedural review.
	<input type="checkbox"/>	Line item(s) [X], [X] and [X] failed committee review and will be returned to the task force for rework.
	<input type="checkbox"/>	Line item(s) [X], [X] and [X] failed committee review and work will be discontinued.
Motion by/ 2nd by	James Swirhun (Sinton Instruments)/Hugh Gotts (Air Liquide)	
Discussion	None	
Vote	4-0	
Final Action	<input checked="" type="checkbox"/>	Motion passed
	<input type="checkbox"/>	Motion failed
A&R	<input type="checkbox"/>	Approved
	<input type="checkbox"/>	Not approved
		Reason: