

Procedural Review Voting Sheet 2015 Cycle 1

REGION: **China**

COMMITTEE: Photovoltaic

EVENT: **SEMI China PV Standards TC Spring Meeting 2015**

DATE OF MEETING: March 17, 2015

PLACE OF MEETING: Pudong Ballroom 4, 3F, Pudong Kerry Hotel, Shanghai, China

COMMITTEE CO-CHAIRS: Guangchun Zhang/Canadiansolar, Jun Liu/CESI

SEMI STAFF: Kris Shen

A&R Voter: Name/Company

Date: 200X/MM/DD

I. Document Number & Title

Document 5477D	Document Title New Standard: Test Method For Determining B, P, Fe, Al, Ca Contents In Silicon Powder For PV Applications By Inductively-Coupled-Plasma Optical Emission Spectrometry
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II. Tally (Staff to fill in)

Voting Tally: As-cast tally after close of 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	<input style="width: 50px;" type="text" value="93"/>		<input style="width: 50px;" type="text" value="154"/>		<input style="width: 50px;" type="text" value="60.4%"/>	≥60%
Lilac & Others	<input style="width: 50px;" type="text" value="82"/>					
Total Vote	<input style="width: 50px;" type="text" value="175"/>					
Reject	<input style="width: 50px;" type="text" value="0"/>					
Accept	<input style="width: 50px;" type="text" value="43"/>					

A&R		Not approved
		Reason:

III. Rejects

There was no reject submitted.

IV. Comments

Comment 1

Comment	Referenced Section	*TF/Committee to fill in if necessary		
	From	Rafael Vargas-Bernal (Instituto Tecnologico Superior de Irapuato)		
	Comment	In subsection 6.1, review writing since boron must be changed by the standard solution containing all elements to be detected.		
	Discussion	<p>6.1 Use mannitol to form complex reaction with boron in the sample (the recovery of boron is 90~110%). Remove the silicon matrix with hydrofluoric acid and nitric acid by smoking reaction. Dissolve the residue with nitric acid solution, and use ICP-OES to measure the B, P, Fe, Al, and Ca contents in the prepared solution.</p> <p>In this method, we add mannitol to the sample, but the mannitol only forms complex reaction with boron, and has no effect on other elements to be detected in the sample. Rafael Vargas-Bernal's advice focus on the whole, and our description is more targeted and more specific.</p>		
Action proposed	X	The committee agreed to do one of the following actions.		
		*No motion is required in this step.		
		X	No further action was taken by the committee.	
			Refer to the task force for more consideration.	
			New Business	
		Other		
	Editorial Change			
		x	Case 1: No vote in this section :	
			To be included and voted on in <u>§ 5. Summary of Editorial Changes.</u>	
	1	Case 2: Voted in this section :		
Original section number and at least one full sentence are required in "FROM" and "TO" fields.				
FROM: Section xxx				
	To: Section xxx			
	Justification (If necessary)			

2	FROM: Section xxx
	To: Section xxx
	Justification (If necessary)
Motion by/2nd	
Vote	
A&R	Not approved
	Reason:

Comment 2

Comment	Referenced Section	*TF/Committee to fill in if necessary
	From	Chen, Joeng-Shein (TeraSolar)
	Comment	Analytical data should be provided to verify the validation of the method.
	Discussion	We listed the analytical data in the repeatability and reproducibility verification report.
Action proposed	X	The committee agreed to do one of the following actions. *No motion is required in this step.
	X	No further action was taken by the committee.
		Refer to the task force for more consideration.
		New Business
		Other
	Editorial Change	
		Case 1: No vote in this section : To be included and voted on in <u>§ 5. Summary of Editorial Changes.</u>
		Case 2: Voted in this section : Original section number and at least one full sentence are required in “FROM” and “TO” fields.
	1	FROM: Section xxx
		To: Section xxx

		Justification (If necessary)
	2	FROM: Section xxx
		To: Section xxx
		Justification (If necessary)
Motion by/2nd		
Vote		
A&R		Not approved
		Reason:

V. Summary of Editorial Changes

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

There was no editorial change.

VI. Approval Conditions Check

APPROVAL CONDITION 1: All negatives have been discussed and were withdrawn, found not related, or not persuasive. (Regulations ¶ 9.6.2)

APPROVAL CONDITION 2: At least 90% of the sum of the valid accept and reject votes must be accept. (Regulations ¶ 9.6.3)

Note: if both approval conditions are not satisfied, the document fails.

		Accepts		(Accepts + Valid)			
Approval Rate	=	28	/	28	=	100.0%	>=90%

A&R		Not approved
		Reason:

VII. Safety Check

See § 14 of the Regulations for further information

Motion:	X	This is not a Safety Document: when all safety-related information is removed, the document is still technically sound and complete.
		This is a Safety Document: when all safety-related information is removed, the document is not technically sound and complete.
		Safety Checklist (Regulations ¶ 14.3) is complete and has been included with the document throughout the balloting process.
Motion by/2nd by		Gui'e Chen (ENFI) / Zhixin Li (Linton)
Discussion		None
Vote		28-0 Motion passed
A&R		Not approved
		Reason:

VIII. 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

X	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.	
X	No potentially material patented technology or copyrighted items are known	GO TO SECTION IX
	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
	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	<input type="checkbox"/>	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	<input type="checkbox"/>	Not approved
	Reason:	

* 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.

IX. Action for this document

Motion	x	This document passed committee review as balloted and will be forwarded to the A&R for procedural review.	
	<input type="checkbox"/>	This document passed committee review with editorial changes and will be forwarded to the A&R for procedural review.	
	<input type="checkbox"/>	This document failed committee review and will be returned to the task force for rework.	
	<input type="checkbox"/>	This document failed committee review and work will be discontinued.	
	Motion by/2nd by	Gui'e Chen (ENFI)/ Zhixin Li (Linton)	
	Discussion	None	
	Vote	28-0	
	Final Action	<input checked="" type="checkbox"/>	Motion passed
		<input type="checkbox"/>	Motion failed
A&R	<input checked="" type="checkbox"/>	Approved	

	Not approved
	Reason: