

# Procedural Review Voting Sheet

## 2014 Cycle 2

REGION: **Japan**  
 COMMITTEE: **Liquid Chemicals Committee**  
 EVENT: **Japan Spring 2014 Meetings**  
 DATE OF MEETING: **2014/4/11**  
 PLACE OF MEETING: **SEMI Japan, Tokyo**  
 COMMITTEE CO-CHAIRS: **Hiroshi Tomita /Toshiba, Hiroyuki Araki /Dainippon Screen Manufacturing**  
 SEMI STAFF: **Chie Yanagisawa**

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

### I. Document Number & Title

<b>Document 5421A</b>	<b>Document Title: NEW STANDARD: TEST METHOD FOR PARTICLE REMOVAL PERFORMANCE OF LIQUID FILTER RATED BELOW 30 nm WITH ICP-MS</b>
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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	41	÷	65	=	63.1%	>=60%
Lilac & Others	22					
<hr style="border-top: 1px dashed black;"/>						
Total Vote	63					
Reject	1					
Accept	29					

<b>A&amp;R</b>		<b>Not approved</b>
		<b>Reason:</b>

### III. Rejects

#### Reject 1 (Marty Burkhart / Hi Pure Tech, Inc.)

##### Negative 1 of Reject 1

Negative	Referenced Section	*TF/Committee to fill in if necessary		
	Reason	*Original negative comment and justification should be included. The issue of the ligand adding diameter to the gold challenge particle has not been addressed in this new draft. For example, if the raw gold particle is 7nm diameter then it could be much larger with the attached ligand.		
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 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 checked="" type="checkbox"/>	Negative is not related (needs 2/3 or more votes to pass)	
		Reason	Section A1-7 of Appendix 1 explains what this Negative mentioned.	
	Motion by/2nd by	Takuya Nagafuchi (Nihon Entegris) / Takehito Mizuno (NihonPall)		
	Discussion	None		
	Result of Vote (check ONE)	12-0		
		<input type="checkbox"/>	[Negative is related] > 1/3	GO TO "Persuasive"
		<input type="checkbox"/>	[Negative is not related] < 2/3	
<input checked="" type="checkbox"/>		2/3=< [Negative is not related]	GO TO "Final" → (B)	
Persuasive	Motion and Reason	<input type="checkbox"/>	Negative is related and persuasive (needs over 1/3 votes to pass)	
		<input type="checkbox"/>	Negative is related and not persuasive (needs 2/3 or more votes to pass)	
			Reason	
	Motion by/2nd by	Name (Company)/Name (Company)		
	Discussion			
	Result of Vote (check ONE)	XX-XX		
		<input type="checkbox"/>	[Negative is related and persuasive] > 1/3	GO TO "Final" → (E)
		<input type="checkbox"/>	[Negative is related and not persuasive] < 2/3	
		<input type="checkbox"/>	2/3=<[Negative is related and not persuasive] <90%	GO TO "Final" → (C)
	<input type="checkbox"/>	90% =< [Negative is related and not persuasive]	GO TO "Not Significant Finding Option"	

Not Significant Finding Option	This option can only be used "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 ¶ 9.5.3.3.2)		
		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 → (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 → (C)	
Final	Negative is:		
	(A)	withdrawn (counted under h in disposition)	
	X (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	DOCUMENT FAILS
		Comment generated. See comment #x	
A&R		Not approved	
	Reason:		

### Disposition of Reject 1

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

Note: If all of the negative material included with a reject vote is withdrawn, determined to be not related, or determined to be not significant, the reject vote is not valid. (Regulations ¶ 9.4.3.3)

A&R		Not approved
	Reason:	

## IV. Comments

### Comment 1

Comment	Referenced Section	*TF/Committee to fill in if necessary	
	From	Suhas Ketkar (Air Products & Chemicals Inc.)	
	Comment	The grammar is bad in many places – probably due to translation from Japanese. Too many occurrences for me to list here. Section 7.1.6 refers to the use of a thermometer. I presume a thermocouple would also be acceptable.	
	Discussion	None	
Action proposed		The committee agreed to do one of the following actions.	
		*No motion is required in this step.	
		No further action was taken by the committee.	
		Refer to the task force for more consideration.	
		New Business	
		Other	
	Editorial Change	Change “thermometer” to “thermometer or thermocouple” at Section 5.1.14. Also change “thermometer” to “thermometer or thermocouple” at Section 7.1.6.	
		Case 1: No vote in this section :	
		To be included and voted on in § 5. Summary of Editorial Changes.	
		Case 2: Voted in this section :	
	X	Original section number and at least one full sentence are required in “FROM” and “TO” fields.	
	1	FROM: Section 5.1.14 T - thermometer	
		To: Section 5.1.14 T – thermometer or thermocouple	
		Justification (If necessary) Section 5.1.14 should be modified as above in order to get the document consistent.	
	2	FROM: Section 7.1.6 Use a thermometer with an allowable effort to less than 1% full scale and of appropriate range.	
	To: Section 7.1.6 Use a thermometer or thermocouple with an allowable effort to less than 1% full scale and of appropriate range.		
	Justification (If necessary)		
Motion by/2nd	Takuya Nagafuchi (Nihon Entegris) / Takehito Mizuno (NihonPall)		
Vote	12-0 Motion passed		
A&R		Not approved	
	Reason:		

## Comment 2

Comment	Referenced Section	*TF/Committee to fill in if necessary	
	From	Suhas Ketkar (Air Products & Chemicals Inc.)	
	Comment	Section 10.2.1 refers to Figure 2. There is no Figure 2 in this document.	
	Discussion	Figure 2 itself was deleted in the process of drafting 5421A from 5421, so that the word "Figure 2" should have been deleted.	
Action proposed		The committee agreed to do one of the following actions.	
		*No motion is required in this step.	
		No further action was taken by the committee.	
		Refer to the task force for more consideration.	
		New Business	
		Other	
	Editorial Change	Delete the word "Figure 2" in the sentence of Section 10.2.1	
		Case 1: No vote in this section :	
		To be included and voted on in § 5. Summary of Editorial Changes.	
		Case 2: Voted in this section :	
	X	Original section number and at least one full sentence are required in "FROM" and "TO" fields.	
	1	FROM: Section 10.2.1 Background testing is required for every test before installing the test filter into the test line (see Figure 1 or Figure 2).	
		To: Section 10.2.1 Background testing is required for every test before installing the test filter into the test line (see Figure 1).	
		Justification (If necessary) The word "Figure 2" in the sentence of Section 10.2.1 remains by mistake, so that the editorial error should be correct as above.	
	2	FROM: Section xxx	
	To: Section xxx		
	Justification (If necessary)		
Motion by/2nd		Takuya Nagafuchi (Nihon Entegris) / Takehito Mizuno (NihonPall)	
Vote		12-0 Motion passed	
A&R		Not approved	
		Reason:	

### Comment 3

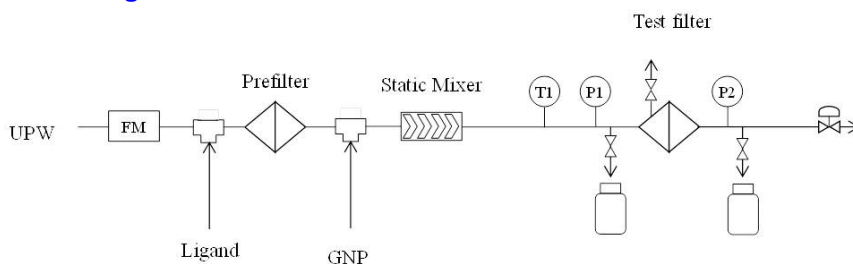
Comment 9

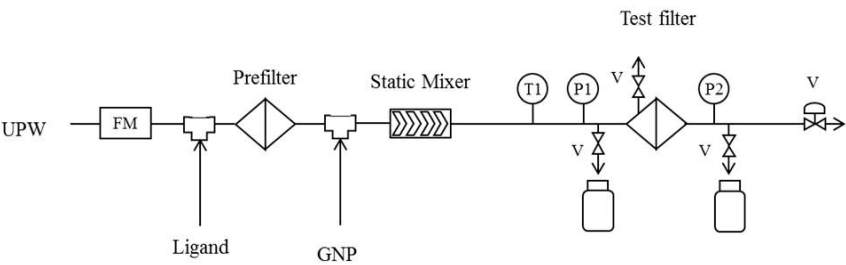
Comment	Referenced Section	*TF/Committee to fill in if necessary		
	From	Suhas Ketkar (Air Products & Chemicals Inc.)		
	Comment	There are several references to “aggregation” of the gold particles (Sections 10.5., A1-1.1). I believe “agglomeration” might be more correct. Agglomerated particles are less tightly bound together than aggregated particles.		
	Discussion	Definition of aggregation and agglomeration are vague.		
Action proposed		The committee agreed to do one of the following actions.		
		*No motion is required in this step.		
			No further action was taken by the committee.	
			Refer to the task force for more consideration.	
			New Business	
			Other	
	Editorial Change		Change the description of “aggregation” and “aggregated” to “aggregation/agglomeration” or “aggregated/agglomerated”, respectively.	
			Case 1: No vote in this section :	
			To be included and voted on in § 5. Summary of Editorial Changes.	
		X	Case 2: Voted in this section :	
		X	Original section number and at least one full sentence are required in “FROM” and “TO” fields.	
		1	FROM: Section 10.5.1 The prepared challenge solution shall be used in the test within 24h. Preferably, the particle size in the solution also should be evaluated with the instrument such as DLS, and SAXS in case the particle aggregation might occur. The purpose of this measurement is to confirm that no existence of large aggregated particle in the challenge solution.	
		1	To: Section 10.5.1 The prepared challenge solution shall be used in the test within 24h. Preferably, the particle size in the solution also should be evaluated with the instrument such as DLS, and SAXS in case the particle aggregation/agglomeration might occur. The purpose of this measurement is to confirm that no existence of large aggregated/agglomerated particle in the challenge solution.	
			Justification (If necessary)	
		2	FROM: Section A1-1.1 As the GNP used in this standard has very small size, some disturbance such as concentration change, contamination of foreign object, and pH change could easily cause aggregation or sedimentation of GNP.	
		2	To: Section A1-1.1 As the GNP used in this standard has very small size, some disturbance such as concentration change, contamination of foreign object, and pH change could easily cause aggregation/agglomeration or sedimentation of GNP.	
			Justification (If necessary)	
		Motion by/2nd	Takuya Nagafuchi (Nihon Entegris) / Takehito Mizuno (NihonPall)	

Vote		12-0 Motion passed
A&R		Not approved
	Reason:	

#### Comment 4

Comment	Referenced Section	*TF/Committee to fill in if necessary
	From	Suhas Ketkar (Air Products & Chemicals Inc.)
	Comment	The filter vent valve in Figure 1 should be labeled, since there is reference to this valve in the document.
	Discussion	None
Action proposed	The committee agreed to do one of the following actions.	
	*No motion is required in this step.	
		No further action was taken by the committee.
		Refer to the task force for more consideration.
		New Business
		Other
	Editorial Change	Add “v” description near each valve shown in Figure 1.
	X	Case 1: No vote in this section :
		To be included and voted on in § 5. Summary of Editorial Changes.
		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 5.1.16 V -- valve
		Justification (If necessary) The abbreviation should be added to Section 5.1 as above in order to get the document consistent.
	2	FROM: Figure 1



To: <b>Figure 1</b>	
	
Justification (If necessary)	
Motion by/2nd	<b>Takuya Nagafuchi (Nihon Entegris) / Takehito Mizuno (NihonPall)</b>
Vote	<b>12-0 Motion passed</b>
A&R	Not approved
	Reason:

## V. Summary of Editorial Changes

There is no additional editorial change other than above.

## 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 Rejects)					
Approval Rate	=	29	/	29	=	100.0%		>=90%	

A&R	Not approved
	Reason:



## VII. Safety Check

See § 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 (Regulations ¶ 14.3) is complete and has been included with the document throughout the balloting process.
Motion by/2nd by		Takuya Nagafuchi (Nihon Entegris) / Takehito Mizuno (NihonPall)
Discussion		None
Vote		12-0 Motion passed
A&R	<input type="checkbox"/>	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

<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	<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/2 <sup>nd</sup> 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	<input type="checkbox"/>	This document passed committee review as balloted and will be forwarded to the A&R for procedural review.	
	<input checked="" 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		Takuya Nagafuchi (Nihon Entegris) / Takehito Mizuno (NihonPall)	
Discussion		None	
Vote		12-0	
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:		