

## Japan Liquid Chemicals Committee Meeting Summary and Minutes

**SEMI Japan Standards Fall 2013 Meetings**  
Friday, October 11, 2013, 15:00-17:00  
SEMI Japan, Tokyo, Japan

**Next Committee Meeting**  
SEMICON Japan 2013  
Tuesday, December 3, 2013, 15:00-17:00  
SEMI Japan, Tokyo, Japan

### Table 1 Meeting Attendees

**Co-Chairs:** Hiroshi Tomita (Toshiba), Hiroyuki Araki (Dainippon Screen Manufacturing)

**SEMI Staff:** Chie Yanagisawa (SEMI Japan)

**Attendee:** 14 + **SEMI:** 1

<i>Company</i>	<i>Last</i>	<i>First</i>	<i>Company</i>	<i>Last</i>	<i>First</i>
Dainippon Screen Manufacturing	Araki	Hiroyuki	Advance Electric Company	Sasao	Kimihito
Nihon Entegris	Chiba	Koji	Organo	Sugawara	Hiroshi
Kanto Chemical	Ishikawa	Norio	Toshiba	Tomita	Hiroshi
AIST	Kato	Haruhisa	Nihon Pall	Tsuzuki	Shuichi
Particle Measuring Systems	Kato	Kazutoshi	W. L. Gore & Associates	Yamakawa	Keiichi
Rion	Kondo	Kaoru	Flowell	Yoshida	Jun
Nihon Pall	Mizuno	Takehito			
Nihon Entegris	Nagafuchi	Takuya	SEMI Japan	Yanagisawa	Chie

*\* alphabetical order by last name*

### Table 2 Leadership Changes

None

### Table 3 Ballot Results (or move to Section 4, Ballot Review)

**Passed** ballots and line items will be submitted to the ISC Audit & Review Subcommittee for procedural review.

**Failed** ballots and line items were returned to the originating task forces for re-work and re-balloting.

<b>Document #</b>	<b>Document Title</b>	<b>Committee Action</b>
5421	New Standard: "Test Method for Particle Removal Performance of Liquid Filter Rated Below 30 nm with ICP-MS"	<b>Failed</b> and was returned to the Task Force for rework.

### Table 4 Authorized Ballots

None

### Table 5 Authorized Activities

None

**Table 6 New Action Items (or move to Section 8, Action Item Review)**

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>
LC131011-01	SEMI Japan Staff	To convey the message via SEMI NA Staff to North America Liquid Chemicals Committee Co-chairs and UPW Task Force Leaders that Japan Liquid Chemicals Committee takes the position as mentioned in 7.4 of the Japan Liquid Chemicals Committee meeting minutes on July 22, 2013, regarding the slide 15th of North America Liquid Chemicals Committee Liaison Report for Japan Liquid Chemicals Committee meeting on October 11, 2013.

## 1 Welcome, Reminders and Introductions

Hiroshi Tomita (Toshiba), committee co-chair, called the meeting to order at 15:00. Self-introductions were made followed by the agenda review.

## 2 Required Meeting Elements

The meeting reminders on program membership requirement, antitrust issues, intellectual property issues and international effective meeting guidelines, were reviewed by SEMI staff, Chie Yanagisawa.

## 3 Review of Previous Meeting Minutes

The committee reviewed the minutes of the previous meeting held on July 22, 2013.

<b>Motion:</b>	To approve the minutes of the previous meeting with modifying the first name of Yoshida (Flowell) at the section of the meeting attendees.
<b>By / 2<sup>nd</sup>:</b>	Hiroyuki Araki (Dainippon Screen Manufacturing) / Takuya Nagafuchi (Nihon Entegris)
<b>Discussion:</b>	None
<b>Vote:</b>	12 in favor and 0 opposed. <b>Motion passed.</b>

**Attachment:** 01\_Minutes\_130722\_Japan-LC\_Final

## 4 SEMI Staff Report

Chie Yanagisawa gave the SEMI staff report. This report included as following points.

- Global SEMI Events
- Global Standards Meetings Schedule
- Ballot Critical Dates
- Publication Update
- SEMICON Japan 2013
- Contact Information

**Attachment:** 02\_SEMI Staff Report 2013 Oct.\_R0.1

## 5 Liaison Reports

### 5.1 North America Liquid Chemicals Committee

Chie Yanagisawa gave the North America Liaison Report. This report included as following points.

- Leadership
- Organization Chart
- New Activities
- Meeting Information
- Ballot Results

- Upcoming Ballots
- Task Force Reports
- Upcoming Meeting Schedule

**Action Item 1:** SEMI Staff, Chie Yanagisawa, to convey the message via SEMI NA Staff to North America Liquid Chemicals Committee Co-chairs and UPW Task Force Leaders that Japan Liquid Chemicals Committee takes the position as mentioned in 7.4 of the Japan Liquid Chemicals Committee meeting minutes on July 22, 2013, regarding the slide 15th of North America Liquid Chemicals Committee Liaison Report for Japan Liquid Chemicals Committee meeting on October 11, 2013.

**Attachment:** 03\_NA LChem Report Oct 2013 MT

## 5.2 Europe Gases and Liquid Chemicals Committee

No report.

## 6 Ballot Review

6.1 Document #5421, New Standard: *“Test Method for Particle Removal Performance of Liquid Filter Rated below 30 nm with ICP-MS”*

Takehito Mizuno (Nihon Pall), co-leader of Liquid Filter task force, went through the rejects and the comments and the motion was made as following.

**Motion:** To withdraw and the document #5421 and rework for rebalot

**By / 2<sup>nd</sup>:** Takehito Mizuno (Nihon Pall) / Takuya Nagafuchi (Nihon Entegris)

**Discussion:** None

**Vote:** 12 in favor and 0 opposed. **Motion passed.**

Document **failed** technical review and was returned to the Liquid Filter task force for rework and rebalot. See attachment below for detail of ballot adjudication.

**Attachment:** 04\_5421\_Ballot-Review-Result

## 7 Task Force Reports

### 7.1 Diaphragm Valve Task Force

Kimihito Sasao (Advance Electric Company), co-leader, reported there was no update.

### 7.2 Welding Fitting Task Force

Kimihito Sasao, co-leader, reported that Doc. 5371 was published as SEMI C83-0713.

### 7.3 5-year-review Task Force

No report was provided by the 5-year-review Task Force.

### 7.4 Liquid Filter Task Force

Takehito Mizuno, co-leader, reported that the ballot review for #5421 was made at the section 6 above and the document failed and returned to rework.

And also Takehito Mizuno “There used to be a concern that Doc. 5188 by the North America Liquid Chemicals Committee and Doc. 5421 and Doc. 5297 by the Japan Liquid Chemicals Committee would be double standards. As a result of discussions between the two committees, SEMI presented a viewpoint in 2012 that those documents would not be double standards by deciding Doc. 5188 should be “Guide” and Doc. 5297 should be “Test Method” based on the SEMI Standards Regulations. The author of Doc. 5188 showed the same concern again through SEMI NA Staff in 2013, so that the SEMI Japan reported to SEMI North America that the both committees reached the agreement and the issue was already settled in the previous year. Japan Liquid Filter task force decided to send the ballot draft of Doc. 5421 to the members concerned in North America before the submission.”

## 7.5 Liquid-borne Particle Counter Task Force

Kaoru Kondo (Rion), co-leader, reported there was no update.

## 8 Old Business

### 8.1 Previous Meeting Action Items

Chie Yanagisawa reviewed the previous meeting action items.

**Table 7 Previous Meeting Actions Items**

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>
LC130722-01	SEMI Staff	To contact the ESD task force leader of Japan Metrics Committee and to ask him to communicate with the co-chairs of Japan Liquid Chemicals Committee. => <b>Close</b>

## 9 New Business

None.

## 10 Action Item Review

### 10.1 New Action Items

Chie Yanagisawa reviewed the new action item. This can be found in the New Action Item table at the beginning of these minutes.

**Action Item 1:** Chie Yanagisawa, SEMI Staff, to convey the message via SEMI NA Staff to North America Liquid Chemicals Committee Co-chairs and UPW Task Force Leaders that Japan Liquid Chemicals Committee takes the position as mentioned in 7.4 of the Japan Liquid Chemicals Committee meeting minutes on July 22, 2013, regarding the slide 15th of North America Liquid Chemicals Committee Liaison Report for Japan Liquid Chemicals Committee meeting on October 11, 2013.

## 11 Next Meeting and Adjournment

The tentative schedule of Japan Liquid Chemicals Committee meeting and the related meetings in conjunction with SEMICON Japan 2013 are as following.

- Liquid Filter TF, 13:00-15:00, Tuesday, December 3, at SEMI Japan Office, Tokyo
- Liquid Chemicals Technical Committee, 15:00-17:00, Tuesday, December 3, at SEMI Japan Office, Tokyo

Having no further business, a motion was made by Hiroshi Tomita, co-chair, to adjourn the Japan Liquid Chemicals Committee meeting at JPR Conference room #1, SEMI Japan office. The meeting unanimously adjourned at 17:00.

Respectfully submitted by:

Chie Yanagisawa  
Sr. Coordinator, Standards & EHS  
SEMI Japan  
Phone: +81.3.3222.5863  
Email: cyanagisawa@semi.org

Minutes approved by:

Hiroshi Tomita (Toshiba), Co-chair	November 22, 2013
Hiroyuki Araki (Dainippon Screen Manufacturing), Co-chair	November 25, 2013

**Table 8 Index of Available Attachments #1**

#	<i>Title</i>
1	Minutes_130722_Japan-LC_Final
2	SEMI Staff Report 2013 Oct._R0.1
3	NA LChem Report Oct 2013 MT
4	5421_Ballot-Review-Result

#1 Due to file size and delivery issues, attachments must be downloaded separately. A .zip file containing all attachments for these minutes is available at [www.semi.org](http://www.semi.org). For additional information or to obtain individual attachments, please contact Naoko Tejima at the contact information above.