

Japan Liquid Chemicals Committee Meeting Summary and Minutes

SEMI Japan Standards Summer 2013 Meetings

Monday, July 22, 2013, 15:00-17:00

SEMI Japan, Tokyo, Japan

Next Committee Meeting

SEMI Japan Standards Fall 2013 Meetings

Friday, October 11, 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: 16 + **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	Nihon Entegris	Nagafuchi	Takuya
Nihon Entegris	Chiba	Koji	Advance Electric Company	Sasao	Kimihito
W. L. Gore & Associates	Hiraoka	Eri	Organo	Sugawara	Hiroshi
Swegelok	Ishida	Norhitsu	Toshiba	Tomita	Hiroshi
Kanto Chemical	Ishikawa	Norio	W. L. Gore & Associates	Yamakawa	Keiichi
Particle Measuring Systems	Kato	Kazutoshi	Kurita Kogyo	Yokoi	Ikunori
Rion	Kondo	Kaoru	Flowell	Yoshida	Jun
Nihon Pall	Mizuno	Takehito			
Organo	Kawada	Kazuhiko	SEMI Japan	Yanagisawa	Chie

** alphabetical order by last name*

Table 2 Leadership Changes

None

Table 3 Ballot Results

None

Table 4 Authorized Ballots

#	When	SC/TF/WG	Details
5421	C6-13	Liquid Filter Task Force	New Standard: Test Method for Particle Removal Performance of Liquid Filter Rated Below 30 nm with ICP-MS

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>
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

1 Welcome, Reminders and Introductions

Hiroshi Tomita, 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 April 5, 2013.

Motion:	To approve the minutes of the previous meeting as written
By / 2nd:	Hiroshi Tomita (Toshiba) / Hiroyuki Araki (Dainippon Screen Manufacturing)
Discussion:	None
Vote:	14 in favor and 0 opposed. Motion passed.

Attachment: 01_JA_LC_Previous_Mtg_Minutes_130405

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
- ISC A&R SC Summary May and June 2013
- Preparation for SEMICON Japan 2013
- Contact Information

Attachment: 02_SEMI_Staff_Report_1307, 02-01_ISCA&RSCMay2013WebVotingSummaryv1, 02-02_ISCA&RSCJune2013WebVotingSummaryv1

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

Attachment: 03_NA LChem Report July 2013 MT

5.2 Europe Gases and Liquid Chemicals Committee

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

- Leadership
- Committee Organization
- Meeting Information
- Ballot Results from Oct 2012 TC meeting
- New SNARFs from Oct 2012 TC meeting
- Existing SNARFs
- Upcoming Ballots for 2013
- Task Force Activities

Attachment: 04_EU_GasChem_ERSC_March_2103_Berlin_ver.0.1a

6 Ballot Review

None.

7 Task Force Reports

7.1 Diaphragm Valve Task Force

Kimihito Sasao reported there was no update.

7.2 Welding Fitting Task Force

Kimihito Sasao reported that Doc. 5371 was scheduled to be published as SEMI C83 near future.

7.3 5-year-review Task Force

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

One of the Action Items from the previous committee meeting was to check whether there are some documents for 5-year-review procedure. Chie Yanagisawa reported there was no document for 5-year-review except for SEMI F108-0310 in later years.

7.4 Liquid Filter Task Force

Takehito Mizuno reported on:

- Doc. 5297 to be published as SEMI C82 near future.
- Ballot submission for Doc. 5421 to be proposed at the section of New Business of this meeting.
- 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 reported on progress for the Liquid-borne Particle Counter Task Force.

- AIST offered its cooperation to the task force activity for the quantitative measurement of mass concentration and size distribution for test particle and of uncertainty attributed to diluting procedure which would be fundamental of evaluation value on the implementation of SEMI C73.

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>
LC130405-01	SEMI	To report the leadership change of JA Liquid Chemical Committee to JRSC on April 19. Close
LC130405-02	SEMI	To forward adjudication result of Doc.5297 to the ISC A&R Subcommittee for procedural review. Close
LC130405-03	SEMI	To forward adjudication result of Doc.5371 to the ISC A&R Subcommittee for procedural review. Close
LC130405-04	SEMI	To check whether there are some documents for 5-year-review procedure. Close

9 New Business

9.1 Proposals of Ballot submission: New Standard: “Test Method for Particle Removal Performance of Liquid Filter Rated below 30 nm with ICP-MS”

Liquid Filter TF co-leader, Takehito Mizuno, proposed the ballot submission of 5421 for Cycle 6-2013.

Motion:	To submit the ballot 5421 for cycle 6-2013
By / 2nd:	Takehito Mizuno (Nihon Pall) / Nagafuchi (Nihon Entegris)
Discussion:	None
Vote:	16 in favor and 0 opposed. Motion passed.

9.2 Proposal of discussion on ESD issue with distribution system of liquid chemicals

Hiroshi Tomita proposed to have a discussion on ESD issue with distribution system of liquid chemicals in order to decide whether or not it is necessary to have a new activity for it. For the preparation, the Japan Liquid Chemicals Committee would start to communicate with the members of ESD TF under the Japan Metrics Committee.

Action Item: 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, Hiroshi Tomita and Hiroyuki Araki.

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: 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, Hiroshi Tomita and Hiroyuki Araki.

11 Next Meeting and Adjournment

The next meeting of the Japan Liquid Chemicals Committee is scheduled for Friday, October 11, 2013, 15:00-17:00 at SEMI Japan, Tokyo, Japan.



Respectfully submitted by:
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SEMI Japan
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Minutes approved by:

Hiroshi Tomita (Toshiba), Co-chair	October 3, 2013
Hiroyuki Araki (Dainippon Screen Manufacturing), Co-chair	October 4, 2013

Table 8 Index of Available Attachments #1

#	<i>Title</i>
1	JA_LC_Previous_Mtg_Minutes_130405
2	SEMI_Staff_Report_1307, ISCA&RSCMay2013WebVotingSummaryv1, ISCA&RSCJune2013WebVotingSummaryv1
3	NA LChem Report July 2013 MT
4	EU_GasChem_ERSC_March_2103_Berlin_ver.0.1a

#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. For additional information or to obtain individual attachments, please contact Naoko Tejima at the contact information above.