



# Liquid Chemicals Global Technical Committee Japan TC Chapter

## Meeting Summary and Minutes

May 27, 2022

10:00 – 12:00

OVTCCM

### TC Chapter Announcements

*Next TC Chapter Meeting*

December 15<sup>th</sup>, 10:00-12:00

SEMICON Japan (Tokyo Big Sight) + OVTCCM (Hybrid)

### Table 1 Meeting Attendees

*Italics indicate virtual participants*

**Co-Chairs:** *Hiroshi Tomita (KIOXIA), Yoshiyuki Fujitani (SCREEN Semiconductor Solutions),*

**SEMI Staff:** Keigo Nakajima

<i>Company</i>	<i>Last</i>	<i>First</i>	<i>Company</i>	<i>Last</i>	<i>First</i>
<i>SCREEN Semiconductor Solutions</i>	<i>Fujitani</i>	<i>Yoshiyuki</i>	<i>SCREEN Semiconductor Solutions</i>	<i>Araki</i>	<i>Hiroyuki</i>
<i>TOKYO DYLEC</i>	<i>Yanagiuchi</i>	<i>Mamoru</i>	<i>X-FAB Sarawak Sdn. Bhd</i>	<i>Liew</i>	<i>Emily</i>
<i>RION</i>	<i>Shinmura</i>	<i>Masaki</i>	<i>Nihon Entegris</i>	<i>Nagafuchi</i>	<i>Takuya</i>
<i>Organo</i>	<i>Sugawara</i>	<i>Hiroshi</i>	<i>Pall</i>	<i>Nakagawa</i>	<i>Hisashi</i>
<i>TOKYO DYLEC</i>	<i>Ishii</i>	<i>Wataru</i>	<i>Particle Measuring Systems</i>	<i>Kato</i>	<i>Kazutoshi</i>
<i>Safety Guru, LLC</i>	<i>Sklar</i>	<i>Eric</i>	<i>SEMI Japan</i>	<i>Nakajima</i>	<i>Keigo</i>
<i>RION</i>	<i>Kondo</i>	<i>Kaoru</i>			

### Table 2 Leadership Changes

<i>WG/TF/SC/TC Name</i>	<i>Previous Leader</i>	<i>New Leader</i>
Japan TC Chapter of Liquid Chemicals Global Technical Committee	Hiroshi Tomita / KIOXIA Fujitani Yoshiyuki / SCREEN Semiconductor Solutions	Fujitani Yoshiyuki / SCREEN Semiconductor Solutions

### Table 3 Committee Structure Changes

None

### Table 4 Ballot Results

<i>Document #</i>	<i>Document Title</i>	<i>Committee Action</i>
6883	Reapproval of SEMI C89-0116 TEST METHOD FOR PARTICLE REMOVAL PERFORMANCE OF LIQUID FILTER RATED BELOW 30 nm WITH INDUCTIVELY COUPLED PLASMA – MASS SPECTROSCOPY (ICP-MS)	<b>Failed</b>



**Table 5 Activities Approved by the GCS between meetings of the TC Chapter**

None

**Table 6 Authorized Activities**

None

**Table 7 Authorized Ballots**

None

**Table 8 SNARF(s) Granted a One-Year Extension**

None

**Table 9 SNARF(s) Abolished**

None

**Table 10 Standard(s) to receive Inactive Status**

None

**Table 11 New Action Items**

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>
220527-01	Trace Metal Analysis for High Pure IPA TF	To explain about the inquiry from Eric san regarding the Document #6820.

**Table 12 Previous Meeting Action Items**

None

**1 Welcome, Reminders, and Introductions**

Yoshiyuki Fujitani (SCREEN Semiconductor Solutions) called the meeting to order at 10:10. The meeting reminders on antitrust issues, intellectual property issues and holding meetings with international attendance were reviewed. Attendees introduced themselves.

**Attachment:** 01-01\_RequiredElementNov2020Rev1-E&J-r1

**2 Review of Previous Meeting Minutes**

The TC Chapter reviewed the minutes of the previous meeting.

**Motion:** Approve the minutes as written

**By / 2<sup>nd</sup>:** Takuya Nagafuchi / Nihon Entegris, Hiroyuki Araki / SCREEN Semiconductor Solutions

**Discussion:** None

**Vote:** 9:0 Pass

**Attachment:** 02-01\_Mins\_1203v1.0

### 3 Liaison Reports

#### 3.1 *Liquid Chemicals North America TC Chapter*

Keigo Nakajima (SEMI) reported for the NA TC Chapter.

**Attachment:** 03-01\_NA LChem Liaison Report March2022 v1

#### 3.2 *SEMI Staff Report*

Keigo Nakajima (SEMI) gave the SEMI Staff Report.

**Attachment:** 03-02\_Staff Report March 2022 v5 SA (1)

### 4 Ballot Review

NOTE1 : TC Chapter adjudication on ballots reviewed is detailed in the Audits & Review (A&R) Subcommittee Forms for procedural review. The A&R forms are available as attachments to these minutes. The attachment number for each balloted document is provided under each ballot review section below.

#### 4.1 Document# 6883, Reapproval of SEMI C89-0116

TEST METHOD FOR PARTICLE REMOVAL PERFORMANCE OF  
LIQUID FILTER RATED BELOW 30 nm WITH INDUCTIVELY COUPLED PLASMA –  
MASS SPECTROSCOPY (ICP-MS)

4.2 The ballot **failed** TC Chapter review and will be returned to the TF for rework.

**Attachment:** 04-01\_Ballot report\_6883\_reviewed

### 5 Subcommittee and Task Force Reports

#### 5.1 Japan TC Chapter of Liquid Chemicals Global Technical Committee

Yoshiyuki Fujitani (SCREEN Semiconductor Solutions) explained about the GTC co-chair change.

Hiroshi Tomita (KIOXIA) will step down in this meeting, Takuya Nagafuchi (Nihon Entegris) will be recommended to the next JRSC meeting for approval as new co-chair.

#### 5.2 *Liquid Filter TF*

Takuya Nagafuchi (Nihon Entegris) explained about the TF co-leader change.

Tomoyuki Takakura (Pall) has stepped down, Hisashi Nakagawa (Pall) will become co-leader.

The TC Chapter approved the leadership change as follows.

**Motion:** Approve the leadership change as shown

**By / 2<sup>nd</sup>:** Takuya Nagafuchi / Nihon Entegris, Hisashi Nakawaga / Pall

**Discussion:** None

**Vote:** 9:0 Pass

**Attachment:** 05-01\_LF-TF Meeting Minutes\_20220513rev01

#### 5.3 *Liquid-Borne Particle Counter TF*

Kaoru Kondo (Rion) reported that there is no action at the moment but preparing for next year's 5-year review.



Attachment: 05-02\_LPC-TF 20220527

5.4 Diaphragm Valve TF - No Report

5.5 Welding Fitting TF - No Report

5.6 Trace Metal Analysis for High Pure IPA TF

Hiroshi Sugawara (Organo) reported for the Task Force.

TF is planning to submit Doc #6820 (New Standard: GUIDE FOR TRACE IRON ANALYSIS IN HIGH PURITY 2-PROPANOL (IPA)) in cycle 6 or 7.

05-05\_Background Statement for SEMI Draft Document #6820(IPA-TF)\_R3.1

**Action Item:220527\_01**

Assigned to Trace Metal Analysis for High Pure IPA TF :

To explain about the inquiry from Eric san regarding the Document #6820.

**6 Old Business**

6.1 5-year Review -None

**7 New Business**

None

**8 Next Meeting and Adjournment**

The next meeting is scheduled for December 15th, 10:00-12:00

@SEMICON Japan (Tokyo Big Sight) + OVTCCM (Hybrid)

See <http://www.semi.org/standards-events> for the current list of events.

Adjournment: 12:00.

Respectfully submitted by:

Keigo Nakajima

SEMI Japan

Phone: 81.3332.5863

Email: knakajima@semi.org

Minutes tentatively approved by:

Yoshiyuki Fujitani (SCREEN Semiconductor Solutions), Co-chair	2022/06/20
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**Table 13 Index of Available Attachments#1**

<i>Title</i>	<i>Title</i>
01-01_RequiredElementNov2020Rev1-E&J-r1	02-01_Mins_1203v1.0
03-01_NA LChem Liaison Report March2022 v1	03-02_Staff Report March 2022 v5 SA (1)
04-01_Ballot report_6883_reviewed	05-01_LF-TF Meeting Minutes_20220513rev01
05-02_LPC-TF 20220527	05-05_Background Statement for SEMI Draft Document #6820(IPA-TF)_R3.1

#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 [SEMI Staff Name] at the contact information above.