



# Liquid Chemicals Japan TC Chapter

## Meeting Summary and Minutes

Japan Fall Meetings 2025  
 Thursday, September 4, 2025  
 Room 1, SEMI Japan office / OVTCCM (Hybrid)  
 3:00 pm - 5:00 pm JST

### TC Chapter Announcements

*Next TC Chapter Meeting*

3:00 pm – 5:30 pm JST, January 29, 2026 @ SEMI Japan office and OVTCCM (Hybrid)

### Table 1 Meeting Attendees

*Italic indicates virtual participants*

**Co-Chairs:** Yoshiyuki Fujitani (SCREEN Semiconductor Solutions Co., Ltd.) / Takuya Nagafuchi (Nihon Entegris G.K.)

**SEMI Staff:** Takeaki Hirabara (SEMI Japan)

<i>Company</i>	<i>Last</i>	<i>First</i>	<i>Company</i>	<i>Last</i>	<i>First</i>
SCREEN Semiconductor Solutions Co., Ltd.	Fujitani	Yoshiyuki	Particle Measuring Systems, Inc.	Takeshita	Mitsuyoshi
Nihon Entegris G.K.	Nagafuchi	Takuya	PILLAR Corporation	Inoue	Masaji
Pall Corporation	Nakagawa	Hisashi	Nippon Steel Stainless Steel Pipe Co., Ltd.	Miyahara	Osamu
CKD Corporation	Yasue	Hiroto	Tokyo Dylec	Yanagiuchi	Mamoru
RION CO., LTD.	Shimmura	Masaki	Tokuyama Corporation	Tono	Seiji
RION CO., LTD.	Kondo	Kaoru	NAURA	Cao	Clark
AIST-National Institute of Advanced Industrial and Technology	Kato	Haruhisa	Certie	Ko	Kennis
Advance Electric Co., Inc.	Sasao	Kimihito	SEMI Japan	Koga	Nahoko
Advance Electric Co., Inc.	Kaiya	Naoko	SEMI Japan	Hirabara	Takeaki

### Table 2 Leadership Changes

<i>WG/TF/SC/TC Name</i>	<i>Previous Leader</i>	<i>New Leader</i>
Valve & Fitting TF	Yoji Minato	Masaji Inoue

### Table 3 TC Chapter Structure Changes

<i>Previous WG/TF/SC Name</i>	<i>New WG/TF/SC Name or Status Change</i>
None	

### Table 4 Ballot Results

<i>Document #</i>	<i>Document Title</i>	<i>Committee Action</i>
None		

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



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

**Table 5 Ratification Ballot Results**

<i>Document #</i>	<i>Document Title</i>	<i>ISC A&amp;R Action</i>	<i>A&amp;R Forms</i>
None			

Note 1: **Passed** Ratification ballots will be submitted to SEMI publication for final processing.

Note 2: **Failed** Ratification ballots were returned to the originating task forces for re-work and re-balloting or abandoning.

**Table 6 Activities Approved by the GCS between meetings of the TC Chapter**

<i>#</i>	<i>Type</i>	<i>SC/TF/WG</i>	<i>Details</i>
None			

**Table 7 Authorized Activities**

Listing of all revised or new SNARF(s) approved by the Originating TC Chapter.

<i>#</i>	<i>Type</i>	<i>SC/TF/WG</i>	<i>Details</i>
None			

#1 SNARFs and TFOFs are available for review on the SEMI Web site at:

<https://downloads.semi.org/web/wstdsbal.nsf/TFOFSNARF>

**Table 8 Authorized Ballots**

<i>#</i>	<i>When</i>	<i>TF</i>	<i>Details</i>
None			

**Table 9 Standard(s) to receive Inactive Status**

<i>Standard Designation</i>	<i>Title</i>
None	

**Table 10 New Action Items**

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>
None		

**Table 11 Previous Meeting Action Items**

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>
LC_20250516-1	SEMI Staff	Document list check issued by Liquid Chemicals Japan TC chapter. → Done

## 1 Welcome, Reminders, and Introductions

Takuya Nagafuchi (Nihon Entegris G.K.), called the meeting to order at 3:00 PM JST. The meeting reminders on antitrust issues, intellectual property issues and holding meetings with international attendance were reviewed. Attendees introduced themselves.

**Attachment:** 1. Required\_Meeting\_Element Dec 2024\_JPupdated

## 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>:** Yoshiyuki Fujitani (SCREEN Semiconductor Solutions Co., Ltd.) /  
Hisashi Nakagawa (Pall Corporation)  
**Discussion:** None.  
**Vote:** Result: 11-Y 0-N. **Motion Passed.**

**Attachment:** 2. 20250516\_Japan LC Committee Minutes\_Ver1.1

## 3 Liaison Reports

### 3.1 JRSC

Takeaki Hirabara (SEMI Japan) reported the summary based on the previous JRSC meeting.

**Attachment:** 3. JRSC\_Liaison Report

### 3.2 GCS

Takeaki Hirabara (SEMI Japan) reported the approval items of GCS.

**Attachment:** 4. GCS\_Liaison Report

### 3.3 Liquid Chemicals North America TC Chapter

Takeaki Hirabara (SEMI Japan) reported for the Liquid Chemicals North America TC Chapter. Of notes:

- Last meeting
  - Summer/June
    - Day 1: Tuesday, June 3, 13:00-16:00 Pacific
    - Day 2: Wednesday, June 4, 13:00-16:00 Pacific
    - SEMI HQ in Milpitas, CA
  - Summer/July
    - Day 1: Tuesday, July 29, 09:00-12:00 Noon Pacific
    - Day 2: Wednesday, July 30, 09:00-12:00 Noon Pacific
    - OVTCCM
- Next meeting (NA Summer Meeting)
  - SEMICON West
    - Day 1: Tuesday, October 7, 13:00-16:00 Mountain Time
    - Day 2: Wednesday, October 8, 13:00-16:00 Mountain Time (*tentative*)
    - Phoenix Convention Center in Phoenix, Arizona
- One Co-Chairs newly appointed, and the Organization Chart will be updated.

**Attachment:** 5. NA LChem Liaison Report July2025 v1

### 3.4 *Liquid Chemicals Europe TC Chapter*

- There was no reportable matter due to no activity.

## 4 SEMI Staff Report

Takeaki Hirabara gave the SEMI Staff Report. Of notes:

- Introduced of 2025 calendar of SEMICON events.
- Shared the SEMICON West 2025 information which will be held in Phoenix, such as the event outline, SEMI Global Standards Summit, and SEMI Standards meeting schedule.
- Announcement of the details of the SEMICON Japan 2025 including the SEMI Standards meetings.

**Attachment:** 6. Staff Report\_August 2025\_R1

## 5 Ballot Review

None

## 6 Subcommittee and Task Force Reports

### 6.1 *Liquid Filter Task Force*

Hisashi Nakagawa (Pall Corporation) reported for the Liquid Filter Task Force. Of notes:

- Activity
  - #7255 Revision of SEMI C89-0116: Test Method for Measuring Particle Removal Performance of Liquid Filters Rated Below 30 nm by Inductively Coupled Plasma - Mass Spectrometry (ICP-MS)
    - 2025/9 Document for re-submission to be confirmed
    - 2025/2H or later Document submitted to ballot
  - #7254 Revision of SEMI F110-0712: Test Method for Mono-Dispersed Polystyrene Latex (PSL) Challenge of Liquid Filters
    - 2025/9 Document for re-submission to be confirmed
    - 2025/2H or later Document submitted to ballot
  - #6911 New Standard: Test Method for Metal Removal Performance of Liquid Filter
    - 2026/1H 1st Draft to be prepared followed by Draft review to global.

**Attachment:** 7. LF-TF Meeting Minutes\_20250904\_presentation

### 6.2 *Liquid-Borne Particle Counter Task Force*

Masaki Shimmura (RION CO., LTD.) reported for the Liquid Borne Particle Counter Task Force. Of notes:

- Activity
  - Rework for #7267 TEST METHOD FOR DETERMINING THE COUNTING EFFICIENCY OF LIQUIDBORNE PARTICLE COUNTERS FOR WHICH THE MINIMUM DETECTABLE PARTICLE SIZE IS BETWEEN 30 NM AND 100 NM.
  - It will be inserted on cycle9, 2025.



**Attachment:** 8. 20250904\_SEMI LC TC LPC TF Report

6.3 *Trace Metal Analysis for High Pure IPA Task Force*

There was no reportable matter due to no activity.

**Attachment:** 9. IPA-TF Report\_20250904.

6.4 *Valve & Fitting Task Force*

Kimihiro Sasao (Advance Electric Co., Inc.) reported for the Valve & Fitting Task Force.

- Activity
  - Review of the abolition and invalidation of existing standards. Next TF meeting will discuss how to treat the abolished / invalidated standards based on the list.

**Attachment:** 10. Doc.250901ka-3 V&F SEMI Standards(English)

**7 Old Business**

7.1 *Project Period Review*

None

7.2 *5 Year Review Check*

None

**8 New Business**

8.1 *Leadership Change: Valve & Fitting TF*

- Motion:** Inoue san from PILLAR has volunteered to join the Valve &V Fitting TF as co-leader.
- By / 2<sup>nd</sup>:** Masaki Shimmura (RION CO., LTD.)/  
Hisashi Nakagawa (Pall Corporation)
- Discussion:** None
- Vote:** Result: 11-Y 0-N Voting Result: Pass - 100.00%. Voting Rule: Majority

**9 Action Item Review**

9.1 *Open Action Items*

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>
LC_20250516-1	SEMI Staff	Document list check issued by Liquid Chemicals Japan TC chapter. → Done

9.2 *New Action Items*

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>
None		



## 10 Next Meeting and Adjournment

The next meeting of the Liquid Chemicals Global Technical Committee Japan TC Chapter is scheduled for January 29, 2026, 3:00pm – 5:30pm JST in SEMI Japan office and OVTCCM. For more information, please visit Standards Calendar at <https://www.semi.org/en/expositions-events/calendar> for the current list of events.

Adjournment: 4:30pm

Respectfully submitted by:

Takeaki Hirabara  
Standards & EHS  
SEMI Japan  
Email: [thirabara@semi.org](mailto:thirabara@semi.org)

Minutes tentatively approved by:

Yoshiyuki Fujitani (SCREEN Semiconductor Solutions Co., Ltd.)	September 18, 2025
Takuya Nagafuchi (Nihon Entegris G.K.)	September 18, 2025

**Table 12 Index of Available Attachments#1**

<i>Title</i>	<i>Title</i>
1. Required_Meeting_Element Dec 2024_JPupdated	2. 20250516_Japan LC Committee Minutes_Ver1.1
3. JRSC Liaison Report	4. GCS Liaison Report
5. NA LChem Liaison Report July2025 v1	6. Staff Report_August 2025_R1
7. LF-TF Meeting Minutes_20250904_presentation	8. 20250904_SEMI LC TC LPC TF Report
9. IPA-TF Report_20250904.	10. Doc.250901ka-3 V&F SEMI Standards(English)

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 Takeaki Hirabara at the contact information above