



EHS Japan TC Chapter

Meeting Summary and Minutes

Japan Autumn Meetings 2024

Wednesday, September 11, 2024 10:00-12:00 JST

SEMI Japan Office, Tokyo, Japan/ OVTCCM (Hybrid)

TC Chapter Announcements

Next TC Chapter Meeting

Wednesday, December 11, 2024, 9:00-12:00 (JST)

Tokyo Big Sight, Tokyo, Japan/ OVTCCM (Hybrid) in conjunction with SEMICON Japan 2024

Table 1 Meeting Attendees

Italics indicate virtual participants.

Co-Chairs: Supika Mashiro/ Tokyo Electron, Hidetoshi Sakura/ Nuflare Technology, Moray Crawford/Hatsuta Seisakusho

SEMI Staff: Hiroshi Sato (SEMI Japan)

<i>Company</i>	<i>Last</i>	<i>First</i>	<i>Company</i>	<i>Last</i>	<i>First</i>
<i>Hatsuta Seisakusho</i>	<i>Crawford</i>	<i>Moray</i>	<i>Tokyo Electron</i>	<i>Hoshi</i>	<i>George</i>
<i>KOKUSAI ELECTRIC</i>	<i>Matsuda</i>	<i>Mitsuhiro</i>	<i>Tokyo Electron</i>	<i>Hama</i>	<i>Naoya</i>
<i>MURATA MACHINERY</i>	<i>Tominaga</i>	<i>Tadamasa</i>	<i>Tokyo Electron</i>	<i>Mashiro</i>	<i>Supika</i>
<i>Nikon Precision</i>	<i>Girlea</i>	<i>Lucian</i>	<i>Tokyo Electron</i>	<i>Hayashi</i>	<i>Haruna</i>
<i>NuFlare Technology</i>	<i>Sakura</i>	<i>Hidetoshi</i>			
<i>NuFlare Technology</i>	<i>Kakiuchi</i>	<i>Michiko</i>			
<i>NuFlare Technology</i>	<i>Tsukada</i>	<i>Akiko</i>	SEMI Japan	<i>Kamejinaka</i>	<i>Keiko</i>
<i>Safety Guru</i>	<i>Sklar</i>	<i>Eric</i>	SEMI Japan	<i>Sato</i>	<i>Hiroshi</i>
<i>self</i>	<i>Wu</i>	<i>Sherry</i>	SEMI Japan	<i>Yoshida</i>	<i>Akiko</i>

Table 2 Leadership Changes

<i>WG/TF/SC/TC Name</i>	<i>Previous Leader</i>	<i>New Leader</i>
None		

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>
7243	Reapproval of SEMI S13-0113 (Reapproved 0819), ENVIRONMENTAL, HEALTH AND SAFETY GUIDELINE FOR DOCUMENTS PROVIDED TO THE EQUIPMENT USER FOR USE WITH MANUFACTURING EQUIPMENT	Failed
7244	Reapproval of SEMI S17-0319, SAFETY GUIDELINE FOR UNMANNED TRANSPORT VEHICLE (UTV) SYSTEM	Failed

#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&R Action</i>	<i>A&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:

<http://downloads.semi.org/web/wstsdslbal.nsf/TFOFSNARF>

Table 8 Authorized Ballots

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

Table 9 SNARF(s) Granted a One-Year Extension

<i>#</i>	<i>TF</i>	<i>Title</i>	<i>Expiration Date</i>
6289	S18 Revision TF	Revision to SEMI S18-0312, ENVIRONMENTAL, HEALTH AND SAFETY GUIDELINE FOR FLAMMABLE SILICON COMPOUNDS	2025/10/04

Table 10 SNARF(s) Abolished

<i>#</i>	<i>TF</i>	<i>Title</i>
None		

Table 11 Standard(s) to receive Inactive Status

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



Table 12 New Action Items

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>
EHS20240911-01	EHS Japan TC Chapter Co-chairs	To consider about S13 Revision Task Force prospective leader to propose TFOF at the next meeting
EHS20240911-02	EHS Japan TC Chapter Co-chairs	To contact a AMHS supplier of possibility of commencing S17 revision work

Table 13 Previous Meeting Action Items

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>
EHS20220908-02	JA & NA sides of Global Seismic TF leaders	To discuss the first Global TF meeting with NA Leader, Lauren Crane (Lam Research) →Open
EHS20240515-01	EHS Japan TC Chapter	To submit S13 and S17 Reapproval ballots for Cycle 5 2024→Closed

1 Welcome, Reminders, and Introductions

Hidetoshi Sakura (NuFlare Technology) called the meeting to order at 10:00. The meeting reminders on antitrust issues, intellectual property issues and holding meetings with international attendance were reviewed. Attendees introduced themselves.

Attachment: 01_Meeting Reminders

2 Review of Previous Meeting Minutes

The TC Chapter reviewed the minutes of the previous meeting.

Motion: Approve the minutes.

By / 2nd: Supika Mashiro (Tokyo Electron Ltd.) / Moray Crawford (Hatsuta Seisakusho Co, Ltd.)

Discussion: None.

Vote: 6-Y 0-N. Motion passed.

Attachment: 02_EHS JA TC Minutes_240515_R0

3 Liaison Reports

3.1 Japan Regional Standards Committee (JRSC) Report

Hidetoshi Sakura (NuFlare Technology) reported for the JRSC about Korea CCFG as a topic.

3.2 Global Coordinating Subcommittee (GCS) Report

Hidetoshi Sakura (NuFlare Technology) reported that there were no GCS activities.

3.3 EHS North America TC Chapter

Eric Sklar (Safety Guru) reported for the EHS NA TC Chapter. Of note:



- Leadership Changes

Bert Planting (ASML) has stepped down as co-chair of the North American branch, and Chris Evanston (Salus Engineering International) and Sean Larsen (LAM Research) have been appointed as the new co-chairs. They are currently seeking a third co-chair.

- S10 Revision Task Force

Bert Planting (ASML) retired. Lucian Girlea (Nikon Precision) succeeded as the new co-leader.

- Ratification Votes and Document Revisions

The North American chapter conducted and passed several ratification ballots between spring and summer meetings to finalize changes to Semi S2 before its July 2024 publication, with additional editorial changes and future ballot cycles planned.

- Other Task Force Activities

S8 Ergonomics is dealing with what may well be a record number of negative votes received on a ballot—over 300. About half of the technical substance questions have also been agreed upon, while the other half are still under discussion. We are currently hoping to get a ballot out after the fall meetings, in time for discussion at the spring meeting.

Attachment: 03_NA EHS TC Chapter Liaison report Sept2024

3.4 EHS Taiwan TC Chapter

Hiroshi Sato (SEMI Japan) reported that there had been no updates from the previous meeting.

3.5 Korea CFG Report

Hiroshi Sato (SEMI Japan) reported that the EHS Korea Chapter Formation Group (CFG) meeting on April 29, 2024, Co-Leaders by Hyunjin Kang (Samsung Electronics) and Bruce Lim (Safe-world Engineering). The meeting focused on SEMI Standards interpretation issues, deciding to form sub-groups for interpretation and translation review by June 14. Upcoming events include a sub-group joint meeting on June 27 and Safety Guidelines Tutorials on October 29-30.

Attachment: 04_Korea EHS CFG Liaison report_June2024

4 SEMI Staff Report

Hiroshi Sato (SEMI Japan) reported that starting in 2025, SEMICON West will alternate its location between Arizona and San Francisco annually, with the NA Standards Fall Meetings scheduled for November 2024, and tentative dates for 2025 including February for the Winter Meeting, June for the Summer Meeting, and October for SEMICON West, alongside the Ballot Cycle 2024 and the 2025 schedule.

Attachment: 05_Staff Report March 2024

5 Ballot Review

NOTE 1: TC Chapter adjudication of ballots 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 file name for each balloted document is provided.



Doc. 7243, Reapproval of SEMI S13-0113 (Reapproved 0819), ENVIRONMENTAL, HEALTH AND SAFETY GUIDELINE FOR DOCUMENTS PROVIDED TO THE EQUIPMENT USER FOR USE WITH MANUFACTURING EQUIPMENT [Failed]

Attachment: 06_7243 Ballot Sheet Adjudication Result

Doc. 7244, Reapproval of SEMI S17-0319, SAFETY GUIDELINE FOR UNMANNED TRANSPORT VEHICLE (UTV) SYSTEM [Failed]

Attachment: 07_7244 Ballot Sheet Adjudication Result

6 Subcommittee and Task Force Reports

6.1 Global Seismic Protection Task Force

Supika Mashiro (Tokyo Electron) reported that the Global Seismic Protection Task Force has been inactive, and there are no updates as discussions about its status have not yet been initiated with the North American co-leader.

6.2 Global S23 Revision Task Force

George Hoshi (Tokyo Electron) reported that there are discussing the test methods and criteria with the EPR task force, planning to complete a draft by the end of the year, while also addressing by Japan side of this Task Force request by having created a SEMI S23 overview video in Japanese, and seeking a new co-leader for the global task force as George Hoshi will retire in December.

6.3 S18 Revision Task Force

Supika Mashiro (Tokyo Electron) reported that a Task Force meeting is scheduled to be held before SEMICON Japan, but that the committee needs to vote on a one-year extension of SNARF since the current SNARF will expire before the Task Force meeting.

SNARF6289(S18 Revision) extension

- Motion:** Approve a 1-year extension of the project period for the SNARF for Doc. 6289, Revision to SEMI S18-0312, ENVIRONMENTAL, HEALTH AND SAFETY GUIDELINE FOR FLAMMABLE SILICON COMPOUNDS
- By / 2nd:** Supika Mashiro (Tokyo Electron Ltd.) / Mitsuhiro Matsuda (KOKUSAI ELECTRIC CORPORATION)
- Discussion:** None.
- Vote:** 6-Y 0-N. Motion passed.

6.4 S2 Major Revision Liaison Task Force

Supika Mashiro (Tokyo Electron) reported there has been no TF activities. If anyone is interested in the activities or has any concerns with S2 Major Revision TF, please contact the TF leader.

7 Old Business

7.1 Project Period Review

None.

7.2 5-year Review

None.



8 New Business

None.

9 Action Item Review

9.1 Open Action Items

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>
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9.2 New Action Items

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>
EHS20240911-01	EHS Japan TC Chapter Co-chairs	To consider about S13 Revision Task Force prospective leader to propose TFOF at the next meeting
EHS20240911-02	EHS Japan TC Chapter Co-chairs	To contact a AMHS supplier of possibility of commencing S17 revision work

10 Next Meeting and Adjournment

Wednesday, December 11, 2024, 9:00-12:00 (JST), Tokyo Big Sight, Tokyo, Japan/ OVTCCM (Hybrid) in conjunction with SEMICON Japan 2024. <http://www.semi.org/standards-events> for the current list of events.

Adjournment: [12:20].

Respectfully submitted by:

Hiroshi Sato

Standards & EHS

SEMI Japan

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Email: hsato@semi.org

Minutes tentatively approved by:

Supika Mashiro (Tokyo Electron), Co-chair	
Hidetoshi Sakura (NuFlare Technology), Co-chair	
Moray Crawford (Hatsuta Seisakusho), Co-chair	

Table 14 Index of Available Attachments#1

<i>Title</i>	<i>Title</i>
01_Meeting Reminders	06_7243 Ballot Sheet Adjudication Result
02_EHS JA TC Minutes_20240515_R0	07_7244 Ballot Sheet Adjudication Result
03 NA EHS TC Chapter Liaison report Sept2024	
04 Korea_EHS_CFG_Liaison report_June2024	
05 Staff Report March 2024 v4.2	



#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 Akiko Yoshida at the contact information above.