



EHS Japan TC Chapter

Meeting Summary and Minutes

Japan Fall Meetings 2023
 Thursday, September 7, 2023 10:00 – 12:00 [JST]
 SEMI Japan Office, Tokyo, Japan/ OVTCCM (Hybrid)

TC Chapter Announcements

Next TC Chapter Meeting

Thursday, December 14, 2023 10:00-12:00 [JST]

Tokyo Big Sight, Tokyo, Japan/ OVTCCM (Hybrid)

Table 1 Meeting Attendees

Italics indicate virtual participants.

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

SEMI Staff: Akiko Yoshida (SEMI Japan)

<i>Company</i>	<i>Last</i>	<i>First</i>	<i>Company</i>	<i>Last</i>	<i>First</i>
<i>Applied Materials Taiwan</i>	<i>Liu</i>	<i>Shane</i>	<i>Safety Guru</i>	<i>Sklar</i>	<i>Eric</i>
<i>Hatsuta Seisakusho</i>	<i>Crawford</i>	<i>Moray</i>	<i>SCREEN Semiconductor Solutions</i>	<i>Nishimura</i>	<i>Takayuki</i>
<i>KOKUSAI ELECTRIC</i>	<i>Matsuda</i>	<i>Mitsuhiro</i>	<i>SGS Japan</i>	<i>Abe</i>	<i>Kenichi</i>
<i>MURATA MACHINERY</i>	<i>Adachi</i>	<i>Naruto</i>	<i>Tokyo Electron</i>	<i>Mashiro</i>	<i>Supika</i>
<i>NuFlare Technology</i>	<i>Sakura</i>	<i>Hidetoshi</i>	<i>SEMI Japan</i>	<i>Osawa</i>	<i>Naoko</i>
<i>NuFlare Technology</i>	<i>Sato</i>	<i>Yoshiyuki</i>	<i>SEMI Japan</i>	<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>
7028	Reapproval of SEMI S21-0818, SAFETY GUIDELINE FOR WORKER PROTECTION	Failed and work will be discontinued.

#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>
7135	SNARF	Global S23 Revision Task Force	Revision of SEMI S23-1021E2, Guide for Conservation of Energy, Utilities and Materials Used by Semiconductor Manufacturing Equipment

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/wstdsbal.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 Task Force	Revision to SEMI S18-0312, ENVIRONMENTAL, HEALTH AND SAFETY GUIDELINE FOR FLAMMABLE SILICON COMPOUNDS	2024/10/04

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>
SEMI S21-0818	SAFETY GUIDELINE FOR WORKER PROTECTION

Table 12 New Action Items

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

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
EHS20230412-01	SEMI Staff	To submit the Letter Ballot for reapproval of S21-0818: Safety Guideline for Worker Protection in Cycle 4 or 5.->Closed.

1 Welcome, Reminders, and Introductions

Moray Crawford (Hatsuta Seisakusho) 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 as written.

By / 2nd: Mitsuhiro Matsuda (KOKUSAI ELECTRIC)/ Hidetoshi Sakura (NuFlare Technology)

Discussion: None.

Vote: 8-Y 0-N. Motion passed.

Attachment: 02_EHS Japan_Minutes_230412

3 Liaison Reports

3.1 *Japan Regional Standards Committee (JRSC) Report*

Hidetoshi Sakura (NuFlare Technology) reported for the JRSC that there had been no updates related to EHS from the previous meeting.

3.2 *Global Coordinating Subcommittee (GCS) Report*

Hidetoshi Sakura (NuFlare Technology) reported for the GCS that S6, S8, and S23 revision SNARFs as well as their ballot submission were approved by the GCS.

3.3 *EHS North America TC Chapter*

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

- Major revision is expected for SEMI S2, S6, S8, S12, and S23.

Attachment: 03_NA EHS TC Chapter Liaison report Sept 2023 v1_es06sep23a

3.4 *EHS Taiwan TC Chapter*

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

4 SEMI Staff Report

Akiko Yoshida (SEMI Japan) gave the SEMI Staff Report. Of note:

- New publication staff joined SEMI in May, who will focus on processing ballots to reduce backlog and improve publishing time.
- SEMICON Japan 2023 will be held from December 13 to 15 at Tokyo Big Sight, where many of SEMI Standards meetings will be held.

Attachment: 04_Staff Report July 2023 v3

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.

5.1 *Doc.# 7028, Reapproval of SEMI S21-0818, SAFETY GUIDELINE FOR WORKER PROTECTION*

- Persuasive Check

Motion: Negative is related and persuasive. (Needs > 1/3 votes to pass.)

Reason: Risk assessment in accordance with SEMI S10 is a right approach for SEMI Safety Guidelines as written in negative text.

By: Hidetoshi Sakura/ NuFlare Technology, Inc.

Second: Supika Mashiro/ Tokyo Electron Ltd.

Discussion: None.

Result: Result: 7-Y 0-N Voting Result: Pass - 100.00%

- Final Action

Motion: This Document failed TC Chapter review and work will be discontinued.

Reason: None.

By: Supika Mashiro/ Tokyo Electron Ltd.

Second: Hidetoshi Sakura/ NuFlare Technology, Inc.

Discussion: The status of the document will be inactive, but it is possible to revise the document and return to the “current” status in the future.

Result: Result: 7-Y 0-N Voting Result: Pass - 100.00%

Attachment: 05_7028_Ballot Report_Final

6 Subcommittee and Task Force Reports

6.1 *Global Seismic Protection Task Force*

Supika Mashiro (Tokyo Electron) reported that no TF meetings have been held.

6.2 *Global S23 Revision Task Force*

Akiko Yoshida (SEMI Japan) reported for the Global S23 Revision Task Force, on behalf a TF co-leader. Of note:

- Started weekly meetings again from August 17, and meet for one hour to work on the ballot.
- Because of the challenges of transitioning to two documents (an S23 Test Method & a new Guide), the TF decided to turn S23 into a Test Method with guidance information in an Appendix.
- S23 Major Revision SNARF was submitted and approved by the GCS. Doc.#7135 was assigned.

Attachment: 06_S23 TF Report for Japan EHS MTG 20230907

6.3 S18 Revision Task Force

Supika Mashiro (Tokyo Electron) reported that the TF has recruited additional members and several have indicated their willingness to participate in activities, but no meetings have been held due to the TF leader's busy work schedule. Eric Sklar (Safety Guru) asked how many members are in the TF and Supika Mashiro replied that there are 4 members but no co-leader of the TF. The TF is still welcoming new TF members.

- Motion:** Approve one year extension of the SNARF #6289 (Revision to SEMI S18-0818) to 2024/10/04.
By / 2nd: Supika Mashiro (Tokyo Electron)/ Hidetoshi Sakura (NuFlare Technology)
Discussion: None.
Vote: 8-Y 0-N. Motion passed.

6.4 S2 Major Revision Liaison TF Task Force

Supika Mashiro (Tokyo Electron) reported noupdate due to her inability to attend recent NA TF meetings.

7 Old Business

7.1 Project Period Review

None.

7.2 5-year Review

Akiko Yoshida (SEMI Japan) reported that SEMI S17-0319 is approaching the time for maintenance. It was agreed by the attendees that this would be addressed at the next meeting during SEMICON Japan.

8 New Business

None.

9 Action Item Review

9.1 Open 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
EHS20221215-01	SEMI Staff	To prepare Reapproval SNARF for SEMI S21-0818: Safety Guideline for Worker Protection by the next TC meeting. ->Closed

9.2 New Action Items

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

10 Next Meeting and Adjournment

The next meeting is scheduled for Thursday, December 14, 2023 10:00-12:00 via OVTCCM and at Tokyo Big Sight Tokyo, Japan. See <http://www.semi.org/standards-events> for the current list of events.



Adjournment: [12:00].

Respectfully submitted by:

Akiko Yoshida
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SEMI Japan
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Email: ayoshida@semi.org

Minutes tentatively approved by:

Supika Mashiro (Tokyo Electron), Co-chair	Nov. 7, 2023
Hidetoshi Sakura (NuFlare Technology), Co-chair	Nov. 7, 2023
Moray Crawford (Hatsuta Seisakusho), Co-chair	Nov. 7, 2023

Table 14 Index of Available Attachments#1

<i>Title</i>	<i>Title</i>
01_Meeting Reminders	04_Staff Report July 2023 v3
02_EHS Japan_Minutes_230412	05_7028_Ballot Report_Final
03_NA EHS TC Chapter Liaison report Sept 2023 v1_es06sep23a	06_S23 TF Report for Japan EHS MTG 20230907

#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.