



EHS Japan TC Chapter Meeting Summary and Minutes

Japan Fall Meetings 2022

Thursday, September 8, 2022, 10:00-13:00[JST]

Official Virtual TC Chapter Meeting

TC Chapter Announcements

Next TC Chapter Meeting

Thursday, December 15, 2022, 10:00-12:00[JST]

Official Virtual TC Chapter Meeting/Tokyo Big Sight (Hybrid)

Table 1 Meeting Attendees

Italics indicate virtual participants

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

SEMI Staff: Mami Nakajo (SEMI Japan)

<i>Company</i>	<i>Last</i>	<i>First</i>	<i>Company</i>	<i>Last</i>	<i>First</i>
Hatsuta Seisakusho	Crawford	Moray	Tokyo Electron	Mashiro	Supika
MURATA MACHINERY, LTD.	Adachi	Naruto	Tokyo Electron	Machida	Ryo
NuFlare Technology	Sakura	Hidetoshi	MURATA MACHINERY, LTD.	Tominaga	Tadamasa
NuFlare Technology	Sato	Yoshiyuki	Safety Guru, LLC	Sklar	Eric
SCREEN Semiconductor Solution	Nishimura	Takayuki	SCREEN Semiconductor Solutions	Eikawa	Akihiro
SCREEN Semiconductor Solution	Yano	Moritaka	Tokyo Electron	Hayashi	Haruna
KOKUSAI ELECTRIC CORPORATION	Matsuda	Mitsuhiro	ASM Japan K.K.	Takasaki	Yoshihisa
Applied Materials Taiwan Ltd.	Liu	Shane	SEMI Japan	Nakajo	Mami

Table 2 Leadership Changes

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

Table 3 Committee 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		None

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

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

Table 5 Activities Approved by the GCS prior to the Originating TC Chapter meeting

#	Type	SC/TF/WG	Details
None			

Table 6 Authorized Activities

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

#	SC/TF/WG	Details
None		

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

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

Table 7 Authorized Ballots

#	When	TF	Details
None			

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

#	TF	Title	Expiration Date
6289	S18 Revision Task Force	Revision to SEMI S18-0312: ENVIRONMENTAL, HEALTH AND SAFETY GUIDELINE FOR FLAMMABLE SILICON COMPOUNDS	2023/10/04

Table 9 SNARF(s) Abolished

#	TF	Title
None		

Table 10 Standard(s) to receive Inactive Status

Standard Designation	Title
None	

Table 11 New Action Items

Item #	Assigned to	Details
EHS20220908-01	S18 Revision TF leader /SEMI Staff	to call for participation to be issued for S18 Revision TF.
EHS20220908-02	JA & NA sides of Global Seismic TF leaders	to discuss the first Global TF meeting with NA Leader, Lauren Crane (Lam Research)
EHS20220908-03	Supika Mashiro / SEMI Staff	to submit the TFOF of Liaison TF to S2 Interlock TF(Supika Mashiro) to send the TFOF to GCS(SEMI Staff)

Table 12 Previous Meeting Action Items

Item #	Assigned to	Details
EHS20220526-01	S18 Revision TF	to contact Energetic TF to ask their feedback (Inactive or Revision) >Closed

Table 12 Previous Meeting Action Items

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>
EHS20220526-02	Supika Mashiro (Global Seismic Protection TF Co-Leader)	to contact the other global TF Co-leaders to plan TF meeting.> JA member list was shared with NA Leader, but we don't have a meeting time yet.
EHS20220526-03	SEMI Staff	to send the ballot review sheets to the A&R/> 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: 01-02_Required Element Nov 2020 Rev1_E+J_r1

2. Review of Previous Meeting Minutes

The TC Chapter reviewed the minutes of the previous meeting.

Motion:	To approve the previous meeting minutes.
By / 2nd:	Hidetoshi Sakura (Nuflare Technology) / Yoshihisa Takasaki` (ASM Japan K.K).
Discussion:	None
Vote:	6 in favor and 0 opposed. Motion passed.

Attachment: 02-01_220526_EHS-Japan_Min_approved

3. Liaison Reports

3.1 JRSC Report

Hidetoshi Sakura (NuFlare Technology) reported for the EHS GCS that there has no EHS topic in the last JRSC meeting.

3.2 GCS Report

Hidetoshi Sakura (NuFlare Technology) reported for the GCS that there has been no GCS action between the previous TC Chapter meeting and this meeting.

3.3 EHS North America TC Chapter

Eric Sklar (Safety Curu, LLC) reported for the EHS North America TC Chapter as attached.

Adachi Naruto (MURATA MACHINERY, LTD.) asked if the Global Seismic Liaison TF is only for NA or global and stated that if there are minutes, he would like them to be shared as he was already registered as a TF member.

Eric Sklar (Safety Curu, LLC) answered it is global.

Supika Mashiro (Tokyo Electron) informed that this TF is international activity but its latest discussions were held in NA as NA Seismic Protection Liaison TF. The NA Liaison TF officially became part of Global TF at SEMICON 2022 EHS TC Chapter meeting. The list of Japanese members has already been shared with the TF Leader in NA. If anybody would like to join, please contact her or SEMI Staff.

Attachment: 03-03_NA EHS TC Chapter Liaison report August 2022 v1

3.4 EHS Taiwan TC Chapter

Mami Nakajo (SEMI Japan) reported for the EHS Taiwan TC Chapter as attached.

Attachment: 03-04_EHS Taiwan TC Liaison report_2022_Sep_v1

4. Staff Report

Mami Nakajo (SEMI Japan) gave the SEMI Staff Report as attached and reported on the number of applications for SEMI S2 tutorial seminar, held in August and September 2022, and thanked all the speakers and co-chairs for this result.

Attachment: 04-01_Staff Report July 2022 v6_Jr1

5. Ballot Review

None

6. Subcommittee and Task Force Reports

6.1 Global Seismic Protection Task Force

Supika Mashiro (Tokyo Electron) reported that the next TF meeting is TBD.

Action Item: EHS202200908-02 : (JA & NA sides of Global Seismic Protection Task Force leaders) to contact Taiwan TC Chapter (or its relevant TF) to ask joining the global TF and to plan Global TF meeting.

6.2 S18 Revision Task Force

Supika Mashiro (Tokyo Electron) reported that #6289, SNARF for Revision to SEMI S18-0312: Environmental Health And Safety Guideline For Flammable Silicon Compounds, needs extension.

Please see Section 7

Action Item: EHS202200908-01 : (S18 Revision TF leader /SEMI Staff) to call for participation to be issued for S18 Revision TF.

6.3 S23 Revision Global Task Force

Eric Sklar (Safety Curu, LLC) reported for the TF that the TF is still on-going regarding splitting S23 into two documents.

The TF meeting time (currently AM) will move to 10 pm [JST] to accommodate European members.

If members want to join, please contact Lauren Crane or Joji Hoshi(TF leaders)

7. Old Business

7.1 Project Period Review

Supika Mashiro (Tokyo Electron) requested to extend one year of the project period for the SNARF #6289..

Motion:	To Approve a 1 year extension of the project period for the SNARF #Revision of S18 to 2023/10/04
By / 2nd:	Supika Mashiro (Tokyo Electron) / Eric Sklar (Safety Curu, LLC)

Discussion:	Because of reference from S30, this Safety Guideline need to be updated.
Vote:	8 in favor and 0 opposed. Motion Passed.

7.2 Five Year Review

Mami Nakajo (SEMI Japan) reported that the following two documents were passed on June 30,2022 by ISC Audits& Reviews. Except for these two, there are no target documents at this moment.

- 6909; Withdrawal of SEMI S26 Environmental, Health, and Safety Guideline for FPD Manufacturing System
- 6910; Revision of SEMI S19-0311 (Reapproved 0816), Safety Guideline for Training of Manufacturing Equipment Installation, Maintenance and Service Personnel

8. New Business

Supika Mashiro (Tokyo Electron) suggested the idea of creating a Liaison TF with S2 interlock TF, taking into account that S2 interlock TF was talking about entire S2 revision and assessment criteria.

We took a poll using the react button in Go To Meeting to ask whether the attendees agree to create a Liaison TF or not. The result was follows.

7 attendees agree and no attendees oppose.

Motion:	To establish a Liaison TF in JA TC Chapter to S2 interlock TF in NA TC Chapter, pending submission and GCS approval of TFOF.
By / 2nd:	Supika Mashiro (Tokyo Electron) / Takayuki Nishimura (SCREEN Semiconductor Solution Co., Ltd.)
Discussion:	None
Vote:	6 in favor and 0 opposed. Motion Passed.

Action Item: EHS202200908-03:(Supika Mashiro / SEMI Staff)

to submit the TFOF of Liaison TF to S2 Interlock TF(Supika Mashiro), to send the TFOF to GCS(SEMI Staff)

9. Action Item Review

9.1 Open Action Items

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>
EHS20220526-01	S18 Revision TF	to contact Energetic TF to ask their feedback (Inactive or Revision) > Closed
EHS20220526-02	Supika Mashiro (Global Seismic Protection TF Co-Leader)	to contact the other global TF Co-leader to plan TF meeting. > JA member list was shared with NA Leader, but we don't have a meeting time yet.
EHS20220526-03	SEMI Staff	to send the ballot review sheets to the A&R/> Closed

9.2 New Action Items

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EHS20220908-01	S18 Revision TF leader /SEMI Staff	to call for participation to be issued for S18 Revision TF.
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10. Next Meeting and Adjournment

The next meeting is scheduled for Thursday, December 15, 2022, 10:00-12:00 [JST]

at Tokyo Big Sight, Tokyo, Japan & Official Virtual TC Chapter Meeting.

In conjunction with the SEMICON Japan 2022

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

Adjournment was at 12:00.

Respectfully submitted by:

Mami Nakajo

Standards & EHS

SEMI Japan

Phone: 81.3.3222.5949

Email: mnakajo@semi.org

Minutes tentatively approved by:

Supika Mashiro (Tokyo Electron), Co-chair	October 03 2022
Hidetoshi Sakura (NuFlare Technology), Co-chair	October 03 2022
Moray Crawford (Hatsuta Seisakusho), Co-chair	September 30 2022

Table 13 Index of Available Attachments^{#1}

<i>Title</i>	<i>Title</i>
01-02_Required Element Nov 2020 Rev1_E+J_r1	03-04_EHS Taiwan TC Liaison report_2022_Sep_v1
02-01_220526_EHS-Japan_Min_approved	04-01_Staff Report July 2022 v6_Jr1
03-03_NA EHS TC Chapter Liaison report August 2022 v1	

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 Mami Nakajo at the contact information above.