



## EHS Japan TC Chapter Meeting Summary and Minutes

Japan Standards Winter 2018 Meetings in conjunction with SEMICON Japan 2018

Friday, December 14, 2018, 13:00-16:00

Conference Tower, Tokyo Big Sight, Tokyo, Japan

TC Chapter Announcements

Next TC Chapter Meeting

Friday, April 19, 2019, (time: TBD)

SEMI Japan office, Tokyo, Japan

### Table 1 Meeting Attendees

*Italics indicate virtual participants*

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

**SEMI Staff:** Chie Yanagisawa (SEMI Japan)

<i>Company</i>	<i>Last</i>	<i>First</i>	<i>Company</i>	<i>Last</i>	<i>First</i>
ASM Japan	Takasaki	Yoshihisa	Safe Techno	Wakamatsu	Sadatsugu
Applied Materials	Liu	Shane	Safe World ENG	Kim	Jake
Hatsuta Seisakusho	Crawford	Moray	Safe World ENG	Lin	Bruce
HES	Hosaka	Yoshihiro	Safe World ENG	Seo	Ray
Murata Machinery	Tominaga	Tadamasa	Salus Engineering	Evanston	Chris
NuFlare Technology	Sakura	Hidetoshi	SCREEN BEX	Imamiya	Ryosuke
NuFlare Technology	Ishii	Kazuhiro	Tokyo Electron	Mashiro	Supika
Panasonic	Sugihara	Kenji	<i>Tokyo Electron</i>	<i>Hoshi</i>	<i>Joji</i>
Renesas	Fujii	Atsuhiko	SEMI Japan	Yanagisawa	Chie

### Table 2 Leadership Changes

<i>WG/TF/SC/TC Name</i>	<i>Previous Leader</i>	<i>New Leader</i>
GHG Emission Characterization Task Force	Joji Hoshi (Tokyo Electron)	None (Disbandment of the TF)

### Table 3 Committee Structure Changes

<i>Previous WG/TF/SC Name</i>	<i>New WG/TF/SC Name or Status Change</i>
GHG Emission Characterization Task Force	The task force disbanded.

### Table 4 Ballot Results

<i>Document #</i>	<i>Document Title</i>	<i>Committee Action</i>
6453	Reapproval of SEMI S13-0113 “Environmental, Health and Safety Guideline for Documents Provided to the Equipment User for Use With Manufacturing Equipment”	<b>Passed as balloted</b>



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/TFOFSNARE>

**Table 7 Authorized Ballots**

#	When	TF	Details
None			

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

#	TF	Title	Expiration Date
None			

**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
EHS20181214-01	SEMI staff	To convey the Japan TC Chapter's advice to Taiwan SEMI staff that only committee activity should be recorded in the liaison report
EHS20181214-02	SEMI staff	To forward #6453: Reapproval of SEMI S13-0113 to A&R

**Table 12 Previous Meeting Action Items**

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>
EHS20180904-01	SEMI Japan staff	To ask SEMI HQ Standards staff to improve the communication regarding GCS voting <ul style="list-style-type: none"> <li>GCS voting to be announced to the voting member of the GCS and cc to the non-voting GCS members as well as SEMI regional staffs having EHS TC Chapters</li> </ul> Voting results should be communicated to all the GCS members and relevant staffs as soon as it is available. -> <b>CLOSE</b>
EHS20180904-02	SEMI Japan staff	To ask GHG Emission Characterization Task Force leader, Joji Hoshi to consider disbanding this TF. -> <b>CLOSE</b>

### 1 Welcome, Reminders, and Introductions

Moray Crawford (Hatsuta Seisakusho) called the meeting to order at 13:00. The meeting reminders on antitrust issues, intellectual property issues and holding meetings with international attendance were reviewed. Attendees introduced themselves.

**Attachment:** 01\_SEMI Standards Required Elements\_August2018\_E+J

### 2 Review of Previous Meeting Minutes

The TC Chapter reviewed the minutes of the previous meeting.

<b>Motion:</b>	To approve the previous meeting minutes as written.
<b>By / 2<sup>nd</sup>:</b>	Supika Mashiro (Tokyo Electron) / Hidetoshi Sakura (NuFlare Technology)
<b>Discussion:</b>	None
<b>Vote:</b>	9 in favor and 0 opposed. Motion passed.

**Attachment:** 02\_20180904\_EHS-Japan\_MeetingMinutes\_Final

### 3 Liaison Reports

#### 3.1 JRSC Report

Hidetoshi Sakura (NuFlare Technology) reported for the JRSC that the previous JRSC meeting was held on December 11, 2018 at SEMI Japan office and the update is included in the Staff Report of this meeting later.

#### 3.2 GCS Report

Hidetoshi Sakura (NuFlare Technology) reported for the EHS GCS that there is no item as between the previous Japan TC Chapter meeting and this meeting.

#### 3.3 EHS North America TC Chapter

Chris Evanston (Salus Engineering) reported for the EHS North America TC Chapter as attached.

**Attachment:** 03\_NA EHS TC Chapter Liaison report Nov 2018 v1

### 3.4 EHS Taiwan TC Chapter

Shane Liu (Applied Materials) reported for the EHS Taiwan TC Chapter as attached.

The report contains information about visiting a device manufacturer in Japan to discuss seismic issues. Supika Mashiro (Tokyo Electron) advised that if this activity is intended to be a TC Chapter activity with collaboration between Taiwan and Japan, prior communication between Taiwan and Japan SEMI staff, and the TC chapter chairs is required, and expected in the future. If it is not an official TC Chapter activity it should not be included in the liaison report.

**Action Item** EHS20181214-01: SEMI staff to convey the Japan TC Chapter's advice to Taiwan SEMI staff that only committee activity should be recorded in the liaison report.

Atsuhiko Fujii (Renesas) introduced discussion within JEITA that SEMI S2 requirement about Seismic protection seems not to be sufficient based on their experiences. Supika Mashiro (Tokyo Electron) asked him to consider about joining the Seismic TF meeting in near future to talk about JEITA's concerns.

**Attachment:** 04\_EHS TW Liaison Report\_201801004\_r1

### 3.5 SEMI Staff Report

Chie Yanagisawa (SEMI Japan) gave the SEMI Staff Report. Of note:

- SEMI Global Calendar of Events
- SEMICON Japan 2018
- Global Standards Meeting Schedule
- 2018/2019 Critical Dates for SEMI Standards Ballots
- A&R Ballot Review
- SEMI Standards Publications
- Regulations & Procedure Manual Changes
- JRSC Topics

**Attachment:** 05\_SEMI Staff Report 2018\_1204

## 4 Ballot Review

NOTE 1: 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 #6453: Reapproval of SEMI S13-0113 "Environmental, Health and Safety Guideline for Documents Provided to the Equipment User for Use With Manufacturing Equipment"

**Attachment:** 06\_6453\_BallotReviewSheet\_S13\_Reapproval\_r1

**Action Item:** EHS20181214-02 SEMI Staff to forward #6453: Reapproval of SEMI S13-0113 to A&R

## 5 Subcommittee and Task Force Reports

### 5.1 GHG Emission Characterization Task Force

Joji Hoshi (Tokyo Electron) reported that there is no activity about SEMI S29. He will propose discharge of the TF at the New Business section of this meeting later.

### 5.2 S18 Revision Task Force

Supika Mashiro (Tokyo Electron) reported that no activity

### 5.3 S23 Revision Global Task Force

Joji Hoshi (Tokyo Electron) reported that the TF meeting will be held near future.

### 5.4 SDRCM (S Documents REG-PG-SM Conformance Maintenance) Task Force

Supika Mashiro (Tokyo Electron) reported that the following document passed at Ballot Review section of this meeting.

- Reapproval of SEMI S13-0113: Environmental, Health and Safety Guideline for Documents Provided to the Equipment User for Use With Manufacturing Equipment

### 5.5 Seismic Protection Task Force

Supika Mashiro (Tokyo Electron) reported for the TF as follows.

- Following up action to SEMI S2 revision will be done by the NA liaison TF.
- Globalization of the TFs in Japan, NA and Taiwan may be considered after the current work by NA is completed.

### 5.6 STEP Planning Working Group

Kenji Sugihara (Panasonic) reported that the STEP/SEMI S2 was held on Friday, November 2, 2018 at SEMI Japan office. The summary and the evaluation are as attached material.

**Attachment:** 07\_20181102\_STEP\_S2\_Summary&Evaluation

## 6 Old Business

### 6.1 Project Period Review

The TC Chapter reviewed the list of SNARF by the Japan TC Chapter and the ballot passed at this meeting. Currently there is no other active SNARF than Reapproval of SEMI S13.

### 6.2 Five Year Review

The TC Chapter reviewed the list of the Standards by Japan TC Chapter published in 2013 and Ballot of Reapproval of SEMI S13 passed at this meeting. No document is published in 2014 and 2015.

## 7 New Business

### 7.1 Discharge of GHG Emission Characterization Task Force

Joji Hoshi (Tokyo Electron) address the committee on this topic.

<b>Motion:</b>	Approve the discharge of GHG Emission Characterization Task Force
<b>By / 2<sup>nd</sup>:</b>	Joji Hoshi (Tokyo Electron) / Supika Mashiro (Tokyo Electron)
<b>Discussion:</b>	None
<b>Vote:</b>	9 in favor and 0 opposed. <b>Motion passed.</b>

## 8 Action Item Review

### 8.1 Open Action Items

8.1.1 EHS20180904-01: SEMI Japan staff to ask SEMI HQ Standards staff to improve the communication regarding GCS voting

- GCS voting to be announced to the voting member of the GCS and cc to the non-voting GCS members as well as SEMI regional staffs having EHS TC Chapters
- Voting results should be communicated to all the GCS members and relevant staffs as soon as it is available.

→ CLOSE

8.1.2 EHS20180904-02: SEMI Japan staff to ask GHG Emission Characterization Task Force leader, Joji Hoshi to consider disbanding this TF.

→CLOSE

### 8.2 New Action Items

The committee reviewed the following action items.

**Action Item:** EHS20181214-01 SEMI staff to convey the Japan TC Chapter's advice to Taiwan SEMI staff that only committee activity should be recorded in the liaison report.

**Action Item:** EHS20181214-02 SEMI Staff to forward #6453: Reapproval of SEMI S13-0113 to A&R

## 9 Next Meeting and Adjournment

The next meeting is scheduled as follows. See <http://www.semi.org/en/events> for the current list of meeting schedules.

- Date and Time: Friday, April 19, 2019, (time is to be decided)
- Place: SEMI japan office, Tokyo, Japan

Having no further business, a motion was made to adjourn. Adjournment was at 15:00.



Respectfully submitted by:

Chie Yanagisawa

Manager

SEMI Japan

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Minutes tentatively approved by:

Supika Mashiro (Tokyo Electron), Co-chair	MMDD 2019
Hidetoshi Sakura (NuFlare Technology), Co-chair	MMDD 2019
Moray Crawford (Hatsuta Seisakusho), Co-chair	March 19, 2019

**Table 13 Index of Available Attachments#1**

<i>Title</i>	<i>Title</i>
01_SEMI Standards Required Elements_August2018_E+J	05_SEMI Staff Report 2018_1204
02_20180904_EHS-Japan_MeetingMinutes_Final	06_6453_BallotReviewSheet_S13_Reapproval_r1
03_NA EHS TC Chapter Liaison report Nov 2018 v1	07_20181102_STEP_S2_Summary&Evaluation
04_EHS TW Liaison Report_201801004_r1	

#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.