



EHS Japan TC Chapter Meeting Summary and Minutes

SEMI Japan Standards Spring 2014 Meetings

Thursday, July 24, 2014, 13:00-17:00

SEMI Japan, Tokyo, Japan

Next TC Chapter Meeting

Friday, December 5, 2014, 13:00-17:00

SEMICON Japan 2014, Tokyo Big Sight, Tokyo, Japan

Table 1 Meeting Attendees

Co-Chairs: Supika Mashiro (Tokyo Electron), Hidetoshi Sakura (Intel), Moray Crawford (Hatsuta Seisakusho)

SEMI Staff: Naoko Tejima (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
Cosmos Corporation	Fujita	Takuma	Dainippon Screen Manufacturing	Nakatani	Eiji
TÜV Rheinland Japan Ltd.	Hamano	Yuji	Dainippon Screen Manufacturing	Nishiguchi	Naokatsu
Daifuku	Hosaka	Yoshihiro	Safe Techno	Nogawa	Kaoru
Tokyo Electron	Hoshi	George	Intel	Sakura	Hidetoshi
Tokyo Electron	Iwabuchi	Shoichi	TÜV SÜD Japan	Shibuya	Sosuke
Tech Communications	Kanamoto	Makoto	Panasonic	Sugihara	Kenji
NSS	Kunitake	Nobuyuki	SEMI Japan	Tejima	Naoko

** alphabetical order by last name*

Table 2 Leadership Changes

None

Table 3 Ballot Results

Passed ballots and line items will be forwarded to the ISC Audit & Review Subcommittee for procedural review.

Failed ballots and line items were returned to the originating task forces for re-work and re-balloting.

<i>Document #</i>	<i>Document Title</i>	<i>Committee Action</i>
5719	Delayed Line Item Revision to SEMI S26-0811, Environmental, Health, and Safety Guideline for FPD Manufacturing System (Delayed Revisions Related to Limitations)	Passed as balloted
5720	Line Item Revisions to SEMI S26-0811, Environmental, Health, and Safety Guideline for FPD Manufacturing System (Revisions Related to General Harmonization to SEMI S2)	Passed with editorial changes

Table 4 Authorized Ballots

None

Table 5 Authorized Activities

None

Table 6 Action Items

Outstanding Action Items

Item #	Assigned to	Details
EHS130418-05	S23 Revision TF	To submit the Line Item (1) ballot of Doc.#5513A for cycle 3 or 4, 2014. (Aborted) <i>*Originally consented to "for the earliest possible cycle". Previously consented to "for cycle 3 or 4, 2014" on April 17, 2014, and consented to "aborted" on July 24, 2014.</i>
EHS130418-08	Seismic Protection TF	To submit Doc.#5556 for cycle 6, 2014. (Delayed implementation preferred.) <i>*Originally consented to "for the earliest possible cycle". Previously consented to "for cycle 4, 2014" on December 6, 2013, and consented to "for cycle 6, 2014" on April 17, 2014.</i>
EHS131206-01	GHG Emission Characterization TF	To check the Device Manufacturers or SEMATECH whether S29 contents complies with EPA's GHG Report requirements.
EHS140417-04	STEP Planning Working Group	To hold STEP/ SEMI S2 on October 17, 2014
EHS140417-05	EHS Japan TC Chapter	To hold Energetics Work Shop during SEMICON Japan 2014

New Action Items

Item #	Assigned to	Details
EHS140724-01	SEMI Staff	To request to Taiwan Committee to report their activities by the liaison report.
EHS140724-02	SEMI Staff	To forward adjudication result of Doc.#5719 to the ISC A&R Subcommittee for procedural review.
EHS140724-03	SEMI Staff	To forward adjudication result of Doc.#5720 to the ISC A&R Subcommittee for procedural review.
EHS140724-04	S23 Revision TF Co-leaders	To revise TFOF to convert a global task force, and propose it to GCS via SEMI staff.

1 Welcome, Reminders, and Introductions

Moray Crawford, committee co-chair, called the meeting to order at 13:00. Self-introductions were made followed by the agenda review.

2 Required Meeting Elements

The meeting reminders on program membership requirement, antitrust issues, intellectual property issues and international effective meeting guidelines, were reviewed by SEMI staff, Naoko Tejima.

3 Review of Previous Meeting Minutes

The committee reviewed the minutes of the previous meeting held on April 17, 2014.

Motion: To approve the minutes of the previous meeting as submitted..

By / 2nd: Eiji Nakatani (Dainippon Screen Manufacturing) / George Hoshi (Tokyo Electron)

Discussion: None.

Vote: 14 in favor and 0 opposed. **Motion passed.**

Attachment: 01_JA_EHS_Previous_Mtg_Minutes_140724

4 SEMI Staff Report

Naoko Tejima gave the SEMI staff report. This report included PV Automation TC Transformation to Automation Technology TC, New Task Force Operation Guideline, SEMI Global 2014 Calendar of Events, Global Standards Meeting Schedule, SEMICON Japan 2014 Outline and Meeting Information, 2014 Critical Dates for SEMI Standards Ballots, SEMI Standards Publications, A&R Ballot Review, Change of SEMI Japan President and Contact Information.

Attachment: 02_SEMI_Staff_Report_140724

5 Liaison Reports

5.1 Japan Regional Standards Committee (JRSC)

Hidetoshi Sakura reported for the Japan Regional Standards Committee (JRSC) that there were no particular things should be reported.

5.2 Global Coordinating Subcommittee (GCS)

Hidetoshi Sakura reported for the Global Coordinating Subcommittee (GCS). Following 3 items was submitted.

- TFOF for the formation of the S7 Task Force ... *Passed*
- TFOF for the formation of the Energetics Materials EHS Task Force ... *Passed*
- SNARF for “New Standard: EHS Guideline for Use of Energetic Materials in Semiconductor R&D and Manufacturing Processes” ... *Failed*

5.3 North America EHS Committee Report

Supika Mashiro reported for the North America EHS Committee. This report included Task Force and Leadership Changes, Organization Chart, Meeting Information, Ballots to be reviewed at SEMICON West 2014, Ballots expected to be reviewed at the NA Spring 2015 Meetings, New SNARF, Subcommittee & Task Force Updates, NA EHS Request to Japan EHS, NA Standards Meeting Schedule during SEMICON West 2014 and Contact Information.

Attachment: 03_NA_EHS_Report_July2014_140724

5.4 Taiwan EHS Committee

No report was provided.

Action Item: SEMI Staff to request to Taiwan Committee to report their activities by the liaison report..

5.5 Korea EHS Working Group

No Report was provided.

6 Ballot Review

6.1 *Doc.#5719, Delayed Line Item Revision to SEMI S26-0811, Environmental, Health, and Safety Guideline for FPD Manufacturing System; Delayed Revisions Related to Limitations.*

This document passed committee review and will be forwarded to the ISC A&R SC for procedural review.

Action Item: SEMI staff to forward adjudication result of Doc.#5719 to the ISC A&R Subcommittee for procedural review.

Attachment: 04_Ballot_Report_for_5719_140724

6.2 *Doc.#5720, Line Item Revision to SEMI S26-0811, Environmental, Health, and Safety Guideline for FPD Manufacturing System; Revisions Related to General Harmonization to SEMI S2.*

This document passed committee review with editorial changes and will be forwarded to the ISC A&R SC for procedural review.

Action Item: SEMI staff to forward adjudication result of Doc.#5720 to the ISC A&R Subcommittee for procedural review.

Attachment: 05_Ballot_Report_for_5720_140724

7 Subcommittee & Task Force Reports

7.1 S23 Revision Task Force

George Hoshi reported on progress for the S23 Revision Task Force. Of note:

- TF recognizes needs to convert S23 Revision Task Force to a Global Task Force.
- TF's activities can be implemented on the basis of the global consensus by converting to a global task force from the step of submission of the SNARF.
- TFOF will be revised to convert a global task force, and proposed it to GCS via SEMI staff.

Motion: To endorse S23 Revision Task Force leaders' proposal to convert S23 Revision Task Force to a Global Task Force.

By / 2nd: George Hoshi (Tokyo Electron) / Moray Crawford (Hatsuta Seisakusho)

Discussion: None.

Vote: 13 in favor and 5 opposed. **Motion failed.**

Action Item: Task Force co-leader to revise TFOF to convert a global task force, and propose it to GCS via SEMI staff.

Attachment: 06_S23_Rev_TF_Report_Global_TF_Proposal_1407024.

7.2 GHG Emission Characterization Task Force

George Hoshi reported for the GHG Emission Characterization Of note:

- TF continuously checks compatibility of SEMI S29 and EPA.

7.3 FPD System Safety Task Force

Naokatsu Nishiguchi reported for the FPD System Safety Task Force. Of note:

- *Doc.#5719, Delayed Line Item Revision to SEMI S26-0811, Environmental, Health, and Safety Guideline for FPD Manufacturing System; Delayed Revisions Related to Limitations, and Doc.#5720, Line Item Revision to SEMI S26-0811, Environmental, Health, and Safety Guideline for FPD Manufacturing System; Revisions Related to General Harmonization to SEMI S2, passed committee review as previously discussed. (See 6)*

7.4 Seismic Protection Task Force

Eiji Nakatani reported on the progress for the Seismic Protection Task Force. Of note:

- TF has been working for *Doc. #5556, Line Item Revisions to SEMI S2-0712, Environmental, Health, and Safety Guideline for Semiconductor Manufacturing Equipment Revisions Related to Section 19 Seismic Protection, and discuss continuously.*

Attachment: 07_Seismic_Protection_TF_US_Report_140724

7.5 STEP Planning Working Group

Naoko Tejima reported for the STEP Planning Working Group on behalf of Kenji Sugihara, a leader. Of note:

- STEP/ SEMI S2 will be held on October 17 as schedule.
- Start day of registration will be changed from August 1 to September 1, since the registration system will be reimplemented.

Attachment: 08_STEP_S2_Revised_Schedule_140724

8 Old Business

8.1 Previous Meeting Action Items

Naoko Tejima reviewed the previous meeting action items.

Table 7 Previous Meeting Actions Items

Item #	Assigned to	Details
EHS130418-05	S23 Revision TF	To submit the Line Item (1) ballot of Doc.#5513A for cycle 3 or 4, 2014. ... Aborted *Originally consented to "for the earliest possible cycle". Previously consented to "for cycle 3 or 4, 2014" on April 17, 2014, and consented to "aborted" on July 24, 2014.
EHS130418-08	Seismic Protection TF	To submit Doc.#5556 for cycle 6, 2014.(Delayed implementation preferred.) ... Open *Originally consented to "for the earliest possible cycle". Previously consented to "for cycle 4, 2014" on December 6, 2013, and consented to "for cycle 6, 2014" on April 17, 2014.
EHS131206-01	GHG Emission Characterization TF	To check the Device Manufacturers or SEMATECH whether S29 contents complies with EPA's GHG Report requirements. ... Open

New Action Items

Item #	Assigned to	Details
EHS140417-01	SEMI Staff	To confirm the fact situation about S10 revision document to NA Staff. ... Close
EHS140417-02	FPD System Safety Task Force	To submit Doc.#5519 "Delayed Line Item Revision to SEMI S26-0811, Environmental, Health, and Safety Guideline for FPD Manufacturing System, Delayed Revisions Related to Limitations" for cycle 4. ... Close
EHS140417-03	FPD System Safety Task Force	To submit Doc.#5520 "Line Item Revisions to SEMI S26-0811, Environmental, Health, and Safety Guideline for FPD Manufacturing System, Revisions Related to General Harmonization to SEMI S2"for cycle 4. ... Close
EHS140417-04	STEP Planning Working Group	To hold STEP/ SEMI S2 on October 17, 2014 ... Open
EHS140417-05	EHS Japan TC Chapter	To hold Energetics Work Shop during SEMICON Japan 2014 ... Open
EHS140417-06	Co-chairs/SEMI	To recruit volunteers for the planning group of SEMICON Japan 2014 EHS Program, if needed. ... Close
EHS140417-07	SEMI Staff	To check the pay line for the interpretation for WS during SEMICON Japan 2014 ... Close

9 New Business

9.1 Energetics Workshop during SEMICON Japan 2014

Naoko Tejima reported for the outline of Energetics Work Shop during SEMICON Japan 2014.

- Date: 13:00-16:40, Wednesday, December 3
- Venue: Room 607, Tokyo Bigsight
- Theme:

Attachment: 09_SJ14_Enegetics_WS_Outline_140724

10 Action Item Review

10.1 *New Action Items*

Naoko Tejima reviewed the new action items. These can be found in the New Action Items table at the beginning of these minutes.

11 Next Meeting and Adjournment

The next meeting of the Japan EHS Committee is scheduled for Friday, December 5, 2014, 13:00-17:00, in conjunction with SEMICON Japan 2014, Tokyo Bigsight, Tokyo, Japan.



Respectfully submitted by:
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Minutes approved by:

Supika Mashiro (Tokyo Electron), Co-chair	October 31, 2014
Hidetoshi Sakura (Intel), Co-chair	October 31, 2014
Moray Crawford (Hatsuta Seisakusho), Co-chair	October 31, 2014

Table 8 Index of Available Attachments #1

#	<i>Title</i>
1	JA_EHS_Previous_Mtg_Minutes_140724
2	SEMI_Staff_Report_140724
3	NA_EHS_Report_July2014_140724
4	Ballot_Report_for_5719_140724
5	Ballot_Report_for_5720_140724
6	S23_Rev_TF_Report_Global_TF_Proposal_1407024.
7	Seismic_Protection_TF_US_Report_140724
8	STEP_S2_Revised_Schedule_140724
9	SJ14_Enegetics_WS_Outline_140724

#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 Naoko Tejima at the contact information above.