



Japan EHS Committee Meeting Summary and Minutes

SEMI Japan Standards Fall 2013 Meetings
Thursday, September 26, 2013 13:00-15:00
SEMI Japan, Tokyo, Japan

Next Committee Meeting

Friday, December 6, 2013, 13:00-17:00
SEMICON Japan 2013, Makuhari Messe, Chiba, 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	Nanbu	Mitsuju
TÜV Rheinland Japan	Hamano	Yuji	Dainippon Screen Manufacturing	Nishiguchi	Naokatsu
Daifuku	Hosaka	Yoshihiro	Safe Techno	Nogawa	Kaoru
Tokyo Electron	Hoshi	George	Safety Related Control Systems	Rutherford	George
NSS	Kunitake	Nobuyuki	Intel	Sakura	Hidetoshi
Tokyo Electron	Mashiro	Supika	Panasonic	Sugihara	Kenji
Hitachi Kokusai Electric	Matsuda	Mitsuhiro	FM Global Services	Suzuki	Norio
Dainippon Screen Manufacturing	Nakatani	Eiji	SEMI Japan	Tejima	Naoko

** alphabetical order by last name*

Table 2 Leadership Changes

<i>Group</i>	<i>Previous Leader</i>	<i>New Leader</i>
S18 Revision Task Force was disbanded.	Supika Mashiro (Tokyo Electron) Moray Crawford (Hatsuta Seisakusho)	None
GHG Emission Characterization Task Force	Minoru Kagino (Toshiba)	Tetsuya Kitagawa (Sony)

Table 3 Ballot Results

None

Table 4 Authorized Ballots

None

Table 5 Authorized Activities

<i>Document #</i>	<i>Type</i>	<i>SC/TF/WG</i>	<i>Details</i>
5556	Revised SNARF	Seismic Protection Task Force	Line Item Revisions to SEMI S2-0712, Environmental, Health, and Safety Guideline for Semiconductor Manufacturing Equipment Revisions Related to Section 19 Seismic Protection

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

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

Table 6 New Action Items

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>
EHS130418-05	S23 Revision TF	To submit the Line Item (1) ballot of Doc.#5513A for the earliest possible cycle.
EHS130418-08	Seismic Protection TF	To submit Doc.#5556 for the earliest possible cycle.

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 18, 2013.

- 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:** 13 in favor and 0 opposed. **Motion passed.**
- Attachment:** 01_JA_EHS_Previous_Mtg_Minutes_130926

4 SEMI Staff Report

Naoko Tejima gave the SEMI staff report. This report included SEMI Global 2013 Calendar of Events, Global Standards Meeting Schedule, SEMICON Europa Standard Meeting Schedule, NA Standards Fall 2013 Meetings, 2013 Critical Dates for SEMI Standards Ballots, SEMI Standards Publication, SEMI Standards Meetings and Programs during SEMICON Japan 2013 and Contact Information.

- Attachment:** 02_SEMI_Staff_Report_130926

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).

- The S22 (Electrical Safety) Revision TF, under the North America EHS Committee requested GCS to approve SNARF for S22 revision (Doc. #5649 Delayed Line Item Revisions to SEMI S22, Safety Guideline for the Electrical Design of Semiconductor Manufacturing Equipment) and Cycle 6 ballot submission. They were approved without reject votes.

5.3 North America EHS Committee

Supika Mashiro reported for the North America EHS Committee. This report included Task Force and Leadership Changes, Leadership, Organization Chart, Meeting Information, Publication information, Document Review Summary at SEMICON West 2013 Meetings, New and Updated TFOFs/SNRFs, Ballots to be Reviewed at NA Fall 2013 Meetings, Subcommittees & Task Forces Reports, NA Standards Fall 2013 Meetings Schedule.

Attachment: 03_NA_EHS_Report_September2013_130926

5.4 Europe EHS Committee

No report was provided.

5.5 Taiwan EHS Committee

No report was provided.

5.6 Korea EHS Working Group

No Report was provided.

6 Subcommittee & Task Force Reports

6.1 S18 Revision Task Force

Supika Mashiro reported for the S18 Revision Task Force. Of note:

- The both of English and Japanese version of *SEMI S18-0312, Environmental, Health, and Safety Guideline for Silane Flammable Silicon Compounds* were published.

Motion: To disband the S18 Revision Task Force.

By / 2nd: Supika Mashiro (Tokyo Electron) / George Hoshi (Tokyo Electron)

Discussion: None

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

6.2 S23 Revision Task Force

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

- TF is working for *Doc. #5513A, Line Item Revision to SEMI S23-0311, Guide for Conservation of Energy, Utilities and Materials Used by Semiconductor Manufacturing Equipment*, and the expansion of RI2 (Temperature Control Unit) is under preparation.
- The details of revision of SEMI S23 were Introduced at energy saving meeting by JEITA and SEAJ for promotion of effective use.

Attachment: 04_S23&GHG_TF_Report_130926

6.3 GHG Emission Characterization Task Force

George Hoshi reported for the GHG Emission Characterization Of note:

- Minoru Kagino/ Toshiba stepped down as a co-leader of the TF, and Tetsuya Kitagawa/ Sony took over.
- TF is working for the promotion and the practical use of SEMI S29, through the activities of dissemination with JEITA PFC committee and SEAJ.

Attachment: 04_S23&GHG_TF_Report_130926

6.4 FPD System Safety Task Force

Naokatsu Nishiguchi reported for the FPD System Safety Task Force. The Task Force currently has no activities.

6.5 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.*
- SCOPE of SNARF was revised as below, as result of discussion.
 - This documentation activity covers changes in section 19 of SEMI S2 and Related Information 4
 - To change Design Load based on ASCE7-10
 - To modify related Information 4 based on ASCE7-10
- TF will draft the document on target to submit it for the earliest possible cycle.

Attachment: 05_Seismic_Protection_TF_Report_130926 (Japanese Only)
06_Doc.5556_Revised_SNARF_130926

6.6 STEP Planning Working Group

Kenji Sugihara reported for the STEP Planning Working Group. STEP/ SEMI S2 will be held on November 15, at the SEMI Japan, Tokyo, Japan. (<http://www.semi.org/jp/node/17701/> *Japanese Only)

Attachment: 07_STEP_Planning_WG_Report_130926 (Japanese Only)

7 Old Business

7.1 Previous Meeting Action Items

Naoko Tejima reviewed the previous meeting action items.

Table 7 Previous Meeting Actions Items

Item #	Assigned to	Details
EHS130418-01	SEMI Staff	To forward adjudication result of Line Item 2 and 3 of Doc.5513 to the ISC A&R Subcommittee for procedural review. ... Close
EHS130418-02	SEMI staff	To re-check whether the Japanese translation of SEMI S13-0113 is published correctly. ... Close
EHS130418-03	SEMI staff	To re-check whether the Japanese translation of SEMI S17-0113 is published correctly. ... Close
EHS130418-04	SEMI staff	To re-check whether the Japanese translation of SEMI S18-0312 is published correctly. ... Close
EHS130418-05	S23 Revision TF	To submit the Line Item (1) ballot of Doc.#5513A for the earliest possible cycle. ... Open
EHS130418-06	George Hoshi	To check whether Minoru Kagino wants to hand over the TF leadership to Naohiko Okamoto. ... Close
EHS130418-07	SEMI staff	To ask Naohiko Okamoto to register as a TC member if he will be a TF leader. ... Close
EHS130418-08	Seismic Protection TF	To submit Doc.#5556 for the earliest possible cycle. ... Open
EHS130418-09	STEP Planning WG	To discuss the detailed plan and suggest it at the next committee meeting. ... Close
EHS130418-10	SEMI staff	To solicit the ideas of theme and opinions about SEMICON Japan 2013 EHS program from TC Chapter members and meeting participants of EHS committee. ... Close
EHS130418-11	Co-chairs	To discuss whether SEMICON Japan 2013 EHS program should be held or not, on the basis of the ideas and opinions. ... Close
EHS130418-12	Co-chairs/ SEMI Staff	To recruit volunteers for the planning group of SEMICON Japan 2013 EHS Program, if needed. ... Close

8 New Business

8.1 EHS Standards Program in conjunction with SEMICON Japan 2013

Hidetoshi Sakura reported that SEMI EHS Standards Workshop will be held on 13:00-17:00, December 4, under the theme "EHS Challenges for 450mm" (<http://www.semiconjapan.org/en/sessions/std1>)

Attachment: 08_SJ_EHS_Program_Report_130926

9 Action Item Review

9.1 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.

10 Next Meeting and Adjournment

The next meeting of the Japan EHS Committee is scheduled for Friday, December 6, 2013 13:00-17:00 , in conjunction with SEMICON Japan 2013, Makuhari Messe, Chiba, Japan.



Respectfully submitted by:
Naoko Tejima
Manager, Standards
SEMI Japan
Phone: +81.3.3222.5804
Email: ntejima@semi.org

Minutes approved by:

Supika Mashiro (Tokyo Electron), Co-chair	Dec. 6, 2013
Hidetoshi Sakura (Intel), Co-chair	Dec. 6, 2013
Moray Crawford (Hatsuta Seisakusho), Co-chair	Dec. 6, 2013

Table 8 Index of Available Attachments #1

#	<i>Title</i>
1	JA_EHS_Previous_Mtg_Minutes_130926
2	SEMI_Staff_Report_130926
3	NA_EHS_Report_September2013_130926
4	S23&GHG_TF_Report_130926
5	Seismic_Protection_TF_Report_130926
6	Doc.5556_Revised_SNARF_130926
7	STEP_Planning_WG_Report_130926
8	SJ_EHS_Program_Report_130926

#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.