



EHS Taiwan TC Chapter Meeting Summary and Minutes

Taiwan Spring Standards Meeting 2019

Wednesday, March 27, 2019, 14:00 – 16:00

SEMI Taiwan Office, Zhubei City, Hsinchu County, Taiwan

TC Chapter Announcements

Next TC Chapter Meeting

Wednesday, October 16, 2019

Venue: SEMI Taiwan Zhubei City, Hsinchu County, Taiwan

Table 1 Meeting Attendees

Co-Chairs: Shuh Woei Yu (SAHTECH)

SEMI Staff: Dean Chang/Tiffany Huang

<i>Company</i>	<i>Last</i>	<i>First</i>	<i>Company</i>	<i>Last</i>	<i>First</i>
NCREE	Lin	Fan Ru	Applied Materials	Liu	Shane
MXIC	Shen	Colin	ASE	Su	BS
TUV	Wang	Frank	ULVAC Taiwan	Lin	Tony
Innolux	Yang	Vincent	Taiwan KanKen	Lee	James
ISTI	Lai	Chia Shun	Belfor Taiwan	Lock	Adrian
FTIS	Wang	Bernt	Belfor Taiwan	Kuo	Irene

Table 2 Leadership Changes

<i>WG/TF/SC/TC Name</i>	<i>Previous Leader</i>	<i>New Leader</i>
EHS TC	Fang-Ming Hsu (TSMC)	

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.		

#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 Activities Approved by the GCS between meetings of the TC Chapter

#	Type	SC/TF/WG	Details
None			

Table 6 Authorized Activities

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

#	Type	SC/TF/WG	Details
None			

#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
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
1	Dean Chang	Will remind members to suggest the list of speakers or sponsors for the 2019 Taiwan Sustainable Manufacturing Forum.
2	Dean Chang	Will offer the information of delegation for visiting 2019 SEMICON Japan to members.
3	Colin Shen	will introduce BCP/BCM in Hsinchu Science Park in the next TC meeting.
4	Bernt Wang	will introduce the Industry Recycling Platform which support by IDB in the next TC meeting
5	Chia Shun Lai	will introduce the Verification of explosion-proof electrical equipment in the next TC meeting.

Table 12 Previous Meeting Action Items

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>
1	Dean Chang	Study the feasibility of inviting the expert from Edwards to introduce the IPCC policy for FPC issue in 2019 SEMICON Taiwan Sustainable Manufacturing forum.
2	Colin Shen	Colin Shen will support Dean to visit Taiwan OSHA officer and promote the EHS concept in school
3	SEMI Staff	Will re-organize the member of Equipment Safety Task Force and Seismic Task Force before the end of this year
4	Bernt Wang	Study the feasibility of organizing a new Task Force for circular economic topic.

1 Welcome, Reminders, and Introductions

Committee Co-Chair Shuh Woei Yu (SAHTECH) called the meeting to order at 14:00. The meeting reminders on antitrust issues, intellectual property issues and holding meetings with international attendance were reviewed. Attendees introduced themselves.

Attachment: Meeting Reminder_2019

2 Review of Previous Meeting Minutes

The TC Chapter reviewed the minutes of the previous meeting.

Motion: Approve previous meeting minute

By / 2nd: Colin Shen(MXIC) / Vincent Yang(Innolux)

Discussion: After review, all TC members agreed to approve it

Vote: 12-0 in favor. Motion passed

Attachment: 20181004_EHS Meeting Minutes

3 Liaison Reports

3.1 EHS Japan TC Chapter

Dean Chang (SEMI TW) reported for the EHS Japan TC Chapter. Of note:

Action Item:

- Leadership Changes
 - GHG Emission Characterization Task Force: Joji Hoshi (Tokyo Electron) was stepped down.
- Committee Structure Changes
 - GHG Emission Characterization Task Force was disbanded.
- Ballot Results
 - Doc6453 “Reapproval of SEMI S13-0113, ENVIRONMENTAL, HEALTH AND SAFETY GUIDELINE FOR DOCUMENTS PROVIDED TO THE EQUIPMENT USER FOR USE WITH MANUFACTURING EQUIPMENT” passed as balloted.
- Next TC Meeting will be held on April 19, 2019 at SEMICON Japan, Tokyo, Japan

Attachment: 201903_EHS Japan_forNA&TW_v1.0



3.2 EHS NA TC Chapter

Dean Chang (SEMI TW) reported for the EHS NA TC Chapter. Of note:

Action Item:

- Leadership Changes
 - MESSC: Kalysha Rivera (TEL) was stepped down, and Tara Collins (ASM) is new leader.
- SNARFs granted a 1 year extension
 - Doc5957, Doc5969 and Doc5970
- Next TC Meeting will be held on April 4, 2019 at SEMI HQ, Milpitas, California

Attachment: NA EHS TC Chapter Liaison report Nov 2018 v2

3.3 SEMI Staff Report

Dean Chang (SEMI TW) gave the SEMI Staff Report. Of note:

- 2019 SEMI Taiwan Sustainable Manufacturing Forum will be held on September 18.
- SEMI Global 2019 Calendar of Events
- 2019 Critical Dates for SEMI Standards Ballots
- Call for members to Join I&C TC/ Fab & Equipment Security Task Force

Attachment: EHS TC Staff Report_20190327

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.

None.

5 Task Force Reports

5.1 Seismic Task Force

This report contained information on:

- Attended SEMICON Japan Sustainable High Tech Fab Forum and visited Japan companies during SEMICON Japan to discuss seismic issues.

5.2 Equipment Safety Task Force

This report contained information on:

- Translated SEMI Safety Guidelines series from English version to Chinese version.
 - The tentative schedule will be finalized by end of April 2019.

6 Old Business

- Dean Chang will study the feasibility of inviting the expert from Edwards to introduce the IPCC policy for FPC issue in 2019 SEMICON Taiwan Sustainable Manufacturing forum...Ongoing.



- Study how to promote the SEMI EHS Standards in school.
 - Colin Shen supported Dean to visit Taiwan OSHA officer and promoted the EHS concept in school...Completed.
 - Dean will give a talk in Yuan Ze University on April 22th...Ongoing.
- SEMI staff will re-organize the member of Equipment Safety Task Force and Seismic Task Force before the end of this year...Completed.
- Bernt Wang (FTIS) will study the feasibility of organizing a new Task Force for circular economic topic... (FTIS answer it is not interested in organizing security Task Force.)

7 New Business

- Dean Chang will remind members to suggest the list of speakers or sponsors for the 2019 Taiwan Sustainable Manufacturing Forum.
- Dean Chang Will offer the information of delegation for visiting 2019 SEMICON Japan to members.
- Colin Shen will introduce BCP/BCM in Hsinchu Science Park in the next TC meeting.
- Bernt Wang will introduce the Industry Recycling Platform which support by IDB in the next TC meeting.
- Chia Shun Lai will introduce the Verification of explosion-proof electrical equipment in the next TC meeting.

8 Next Meeting and Adjournment

The next meeting is scheduled for October 16, 2019 at SEMI TW Office. See <http://www.semi.org/standards-events> for the current list of events.

Adjournment was at 16:00.

Respectfully submitted by:

Dean Chang
 Senior Executive Consultant
 SEMI Taiwan
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 Email: dchang@semi.org

Minutes tentatively approved by:

Shuh-Woei Yu (SAHTECH), Co-chair	2019/6/10
<Name> (<Company>), Co-chair	<Date approved>

Table 13 Index of Available Attachments#1

<i>Title</i>	<i>Title</i>
1_ Meeting Reminder_2019	3.2_ NA EHS TC Chapter Liaison report Nov 2018 v2
2_ 20181004_EHS Meeting Minutes	3.3_ EHS TC Staff Report_20190327
3.1_201903_EHS Japan_forNA&TW_v1.0	



#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 [SEMI Staff Name] at the contact information above.