



Environmental, Health and Safety Korea TC Chapter

Meeting Summary and Minutes

Korea Standards Summer Meetings

Friday, July 11, 2025

10:00 AM – 12:00 PM

Pangyo, Gyeonggi-do, Korea / OVTCCM (hybrid)

TC Chapter Announcements

Next TC Chapter Meeting

March 6, 2026, OVTCCM.

Table 1 Meeting Attendees

Italics indicate virtual participants

Co-Chairs: Bruce Lim (Safe World Engineering), Dae Sick Kim (Samsung Electronics), Hyuk Hwa Kwon (SK hynix), Keun-Yong Park (SZU Korea)

SEMI Staff: Natalie Shim, Seohyeong Bae (SEMI)

<i>Company</i>	<i>Last</i>	<i>First</i>	<i>Company</i>	<i>Last</i>	<i>First</i>
<i>Applied Materials</i>	<i>Kim</i>	<i>HongHyun</i>	Samsung Electronics	Krain	Lee
ASML	Kim	Jae-Goo	Samsung Electronics	Taehun	Kwak
ASML	Lee	Tong-Keun	<i>SCREEN</i>	<i>Eikawa</i>	<i>Akihiro</i>
Hanwha Semitech	Park	Jinun	<i>SCREEN</i>	<i>Nishimura</i>	<i>Takayuki</i>
ICR	Kang	Kyungman	<i>SEMES</i>	<i>J.Y.</i>	<i>Maeng</i>
ICR	Jeon	Phill-Jun	<i>SEMI China</i>	<i>Sara</i>	<i>Ma</i>
ICR	Kim	Sung-Hoon	<i>SEMI Japan</i>	<i>Akiko</i>	<i>Yoshida</i>
KLA	Choi	Heungcheol	SEMI Korea	Natalie	Shim
KSIA	Seong	Ji Hye	SEMI Korea	Seohyeong	Bae
KTR	Lee	S.H.	<i>SEMI Taiwan</i>	<i>Nick</i>	<i>Chen</i>
<i>Nikon Precision</i>	<i>Girlea</i>	<i>Lucian</i>	SK hynix	Eunwoo	Park
PCA	Park	HyunJun	SK hynix	Hyuk Hwa	Kwon
Pilz	Han	Jimmy	SK hynix	Jeihwan	Lee
Pilz	Lee	Steve	SK hynix	Minjung	Park
PSK Holdings	Park	S.S.	SZU Korea	Keun-Yong	Park
Safe World Engineering	Lim	Bruce	<i>TEL</i>	<i>Seongmin</i>	<i>Noh</i>
<i>Safety Guru</i>	<i>Sklar</i>	<i>Eric</i>	<i>Teradyne</i>	<i>JJ</i>	<i>Kim</i>
Samsung Electronics	Kim	Dae Sick	TUV Rheinland	Sanghyeup	Lee
Samsung Electronics	Do	Geonho	<i>TUV SUD</i>	<i>Joon-Hyun</i>	<i>Cho</i>



Samsung Electronics	Yu	Jeongah	Wonik IPS	J.H.	Park
Samsung Electronics	Cha	Jiwon	Woori Engineering	Gee-Hang	Lee
Samsung Electronics	Choi	Lindsey Jiyeong	Woori Engineering	Ho-han	Kang

Table 2 Leadership Changes

<i>WG/TF/SC/TC Name</i>	<i>Previous Leader</i>	<i>New Leader</i>
EHS Korea TC Chapter	None (Newly Established)	Bruce Lim (Safe World Engineering)
EHS Korea TC Chapter	None (Newly Established)	Dae Sick Kim (Samsung Electronics)
EHS Korea TC Chapter	None (Newly Established)	Hyuk Hwa Kwon (SK hynix)
EHS Korea TC Chapter	None (Newly Established)	Keun-Yong Park (SZU Korea)
Field-Based Safety Subcommittee	None (Newly Established)	Dae Sick Kim (Samsung Electronics), Keun-Yong Park (SZU Korea)
Regulatory Alignment Subcommittee	None (Newly Established)	Eun Woo Park (SK hynix)
S2 Major Revision Liaison Task Force	None (Newly Established)	Hyun Jun Park (PCA), Bruce Lim (Safe World Engineering)

Table 3 TC Chapter Structure Changes

<i>Previous WG/TF/SC Name</i>	<i>New WG/TF/SC Name or Status Change</i>
None (Newly Established)	S2 Major Revision Liaison Task Force
None (Newly Established)	Field-Based Safety Subcommittee
None (Newly Established)	Regulatory Alignment Subcommittee

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 Ratification Ballot Results

<i>Document #</i>	<i>Document Title</i>	<i>ISC A&R Action</i>	<i>A&R Forms</i>
None			

Note 1: **Passed** Ratification ballots will be submitted to SEMI publication for final processing.

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

Table 6 Activities Approved by the GCS between meetings of the TC Chapter

<i>#</i>	<i>Type</i>	<i>SC/TF/WG</i>	<i>Details</i>
None			



Table 7 Authorized Activities

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

#	Type	SC/TF/WG	Details
	TFOF	S2 Major Revision Liaison Task Force	TFOF was approved.

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

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

Table 8 Authorized Ballots

#	When	TF	Details
None			

Table 9 SNARF(s) Granted a One-Year Extension

#	TF	Title	Expiration Date
None			

Table 10 SNARF(s) Cancelled

#	TF	Title
None		

Table 11 Standard(s) to receive Inactive Status

Standard Designation	Title
None	

Table 12 New Action Items

Item #	Assigned to	Details
None		

Table 13 Previous Meeting Action Items

Item #	Assigned to	Details
None		

1 Welcome, Reminders, and Introductions

Hyuk Hwa Kwon (SK hynix) called the meeting to order at 10:00 AM. The meeting reminders on antitrust issues, intellectual property issues, and holding meetings with international attendance were reviewed. Attendees introduced themselves.

Natalie Shim (SEMI Korea) provided a brief member training of SEMI Standards governing materials, including SEMI Standards Regulations for the effective meeting.

- Attachment:**
1. Required Meeting Elements March 2024
 2. Meeting Agenda_EHS_TC_July11_2025_v1

2 Review of Previous Meeting Minutes

It was the first meeting of the TC Chapter.

3 Liaison Reports

3.1 EHS North America TC Chapter

Eric Sklar (Safety Guru) reported for the EHS North America TC Chapter. Of note:

3.1.1 Meeting Information

- Last Meeting: June 5, SEMI HQ
- Next Meeting: October 9, Phoenix in conjunction with SEMICON West

3.1.2 Ballot Results

- Doc. 7169 was passed with editorial changes
- SEMI S2-0724 (Type 2 Editorial Changes) was passed.

3.1.3 Authorized Activities

- Doc. 7371 and Doc. 7372 have been approved for SNARF development.

3.1.4 Authorized Ballots

- Ballots for Doc.7134B, Doc. 7371, Doc. 7372 have been authorized to proceed in cycles 6, or 7.

3.1.5 SNARFs Granted a One-Year Extension

- Doc. 6830, doc. 6888, doc. 6942 have been extended until July, 2026.

3.1.6 Please find the attached file for details of TF activities.

Attachment: 3. NA EHS TC Chapter Liaison report June2025v2

3.2 EHS Japan TC Chapter

Akiko Yoshida (SEMI Japan) reported for the EHS Japan TC Chapter. Of note:

3.2.1 Meeting Information

- Last Meeting: June 25, SEMI Japan Office / OVTCCM (hybrid)
- Next Meeting: December 3, SEMI Japan Office / OVTCCM (hybrid)

3.2.2 Leadership changes

- Hidetoshi Sakura (Nuflare Technology) stepped down from the co-chair position, and Akiko Tsukada (Nuflare Technology) has been appointed as the new co-chair by the JRSC.

3.2.3 Ballot Results

- Doc. 7349 failed and returned to TF for rework.

3.2.4 Activities Approved via GCS between Meetings

- SNARF and letter ballot authorization for cycle 6 (or later) of Doc. 7349 have been approved.

3.2.5 Authorized Ballots



- Ballots for Doc 7349A have been authorized to proceed in cycles 7, 8, or 9.

3.2.6 SNARF Granted a One-Year Extension

- Doc. 6289 has been extended until October 4, 2026.

3.2.7 Standard to receive Inactive Status

- SEMI S17-0319

3.2.8 Please find the attached file for details of TF activities.

Attachment: 4. EHS JA TC Chapter Liaison Report_July 2025_R0

3.3 *EHS Taiwan TC Chapter*

Natalie Shim reported that there was no official report from Taiwan.

3.4 *SEMI Staff Report*

Natalie Shim (SEMI Korea) gave the SEMI Staff Report. Of note:

3.4.1.1 SEMICON Upcoming Events

- SEMICON India: September 1-3, New Delhi
- SEMICON Taiwan: September 10-12, Taipei
- SEMICON West: October 7-9, Phoenix
- SEMICON Europa: November 18-21, Munich
- SEMICON Japan: December 17-19, Tokyo

3.4.1.2 Global Standards Summit (GSS) 2025

- The Second Global Standards Summit (GSS) will be held at SEMICON WEST 2025. It is to identify standards-critical areas and work towards an industry standardization strategy for the next 3- and 7-year time horizons. The summit will continue discussion on standards-critical topics covered in GSS 2024, as well as new topics needing standards.

3.4.1.3 Critical Dates for SEMI Standards Ballots

- Ballot for cycle 9 has been changed. See <https://www.semi.org/en/Standards/Ballots>

3.4.1.4 Style Manual Revision 10 is being reviewed with the ISC regulations Subcommittee.

3.4.1.5 All SEMI Standards Task Forces shall use Connected@SEMI for managing TF activities and storing documents.

Attachment: 5. Staff_HQ Report June 2025 v4.2

4 Ballot Review

None

5 Subcommittee and Task Force Reports

None

6 Old Business

None

7 New Business

7.1 Introduction of EHS Korea TC Chapter Formation

Hyuk Hwa Kwon introduced the background and process of the TCC formation for the members' reference.

Attachment: 6. EHS Korea TCC Introduction

7.2 S2 Major revision Liaison TFOF Approval

Hyun Jun Park (PCA) requested TFOF approval for the S2 Major Revision Liaison Task Force.

Motion: Approve the S2 Major Revision Liaison Task Force
By / 2nd: Hyun Jun Park / JJ Kim
Discussion: None
Vote: 22-Y 0-N. Motion passed.

Attachment: 7. TFOF_SW MRL TF_v2

7.3 Field-Based Safety Subcommittee Formation

Keun-Yong Park proposed forming the subcommittee below, and the TCC Members agreed to the formation.

7.3.1 Leadership

- Dae Sick Kim (Samsung Electronics), Keun-Yong Park (SZU Korea)

7.3.2 Target Agenda

- Analysis of actual accident case studies and SEMI Safety Guidelines compliance analysis.
- Resolving misunderstandings arising from differing interpretations of the standard between equipment manufacturers and semiconductor manufacturers.

7.4 Regulatory Alignment Subcommittee Formation

On behalf of Eunwoo Park (SK hynix), Minjung Park (SK hynix) proposed forming the subcommittee below, and the TCC Members agreed to the formation.

7.4.1 Leadership

- Eunwoo Park (SK hynix)

7.4.2 Background

- SEMI Safety Guidelines are widely adopted in assessing the safety of semiconductor manufacturing equipment. In Korea, safety, health and environmental regulations take precedence. However, inconsistencies in criteria and interpretation between the two create confusion in field applications, leading to redundant efforts, inefficient investments, and reduced practicality. A subcommittee to align domestic regulations with SEMI standards is needed.



7.4.3 Target Agenda

- Pending Issue: Item Selection through index evaluation.
- Comparison: Domestic laws, SEMI Safety Guidelines
- Monitoring: Government Trend

8 Next Meeting and Adjournment

The next meeting is scheduled for Friday, March 6, 2026, with OVTCCM. See <http://www.semi.org/standards-events> for the current list of events.

Adjournment: 12:00 PM.

Respectfully submitted by:

Seohyeong Bae

Coordinator

SEMI Korea

Phone: 82.2.531.7899

Email: sbae@semi.org

Minutes tentatively approved by:

Bruce Lim (Safe World Engineering), Co-chair	<Date approved>
Dae Sick Kim (Samsung Electronics), Co-chair	<Date approved>
Hyuk Hwa Kwon (SK hynix), Co-chair	<Date approved>
Keun-Yong Park (SZU Korea), Co-chair	<Date approved>

Table 14 Index of Available Attachments^{#1}

<i>Title</i>	<i>Title</i>
1. Required Meeting Elements March 2024	5. Staff_HQ Report June 2025 v4.2
2. Meeting Agenda_EHS_TC_July11_2025_v1	6. EHS Korea TCC Introduction
3. NA EHS TC Chapter Liaison Report June2025v2	7. TFOF_S2 MRL TF_v2
4. EHS JA TC Chapter Liaison Report_July 2025_R0	

^{#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.