



EH&S NA TC Chapter Meeting Summary and Minutes

NA Winter Meetings
Thursday, February 27, 2025
9:00 AM – 4:00 PM Pacific
SEMI HQ, Milpitas, CA

TC Chapter Announcements

Next TC Chapter Meeting:

Thursday, June 5, 2025 in conjunction with NA Summer Standards Meetings at the SEMI HQ, Milpitas, CA. Check www.semi.org/en/standards for the latest update.

Table 1 Meeting Attendees

Co-Chairs: Chris Evanston (Salus Engineering International), Sean Larsen (KLA)

SEMI Staff: Kevin Nguyen (SEMI)

<i>Company</i>	<i>Last Name</i>	<i>First Name</i>	<i>Company</i>	<i>Last Name</i>	<i>First Name</i>
KLA	Brick	Clifton	Tokyo Electron	Mashiro	Supika
<i>Brooks Automation</i>	<i>Cerretani</i>	<i>Ben</i>	KLA	McDaid	Raymond
<i>TUV Rheinland</i>	<i>Chan</i>	<i>Lennard</i>	ASML	McKenzie	Wayne
<i>Cymer, ASML</i>	<i>Choi</i>	<i>Joyce</i>	<i>Intel</i>	<i>Miller</i>	<i>Brandy</i>
<i>Lam Research</i>	<i>Crane</i>	<i>Lauren</i>	SCREEN	Nishimura	Takayuki
<i>VAD Consulting, LLC</i>	<i>DeGiorgio</i>	<i>Vincent</i>	<i>Hitachi High Tech</i>	<i>Omomo</i>	<i>Yoshihito</i>
<i>Salus Engineering</i>	<i>Evanston</i>	<i>Chris</i>	<i>Texas Instruments</i>	<i>Schwab</i>	<i>Paul</i>
<i>Cymer, ASML</i>	<i>Frankfurth</i>	<i>Mark</i>	<i>Safety Guru</i>	<i>Sklar</i>	<i>Eric</i>
<i>Intel</i>	<i>Garcia</i>	<i>Dishayne</i>	<i>Veeco</i>	<i>Trout</i>	<i>Steve</i>
<i>Nikon Precision</i>	<i>Girlea</i>	<i>Lucian</i>	Tokyo Electron	Tsuru	Mark
<i>Teradyne</i>	<i>Kim</i>	<i>JJ</i>	<i>ASML</i>	<i>Wong</i>	<i>David</i>
III Safety	Ko	Kennis	Tokyo Electron	Wotta	Michael
KLA	Larsen	Sean			

Italic indicates online participant. **Bold** indicates in person participant.

Table 2 Leadership Changes

<i>WG/TF/SC/TC Name</i>	<i>Previous Leader</i>	<i>New Leader</i>
None		

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>TC Chapter Action^{#1}</i>
7134A	Revision to SEMI S8-0218, Safety Guideline for Ergonomics Engineering of Semiconductor Manufacturing Equipment	Failed and returned to the TF for rework

#1: **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>
None		

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 Activity

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

Table 8 Authorized Ballots

<i>#</i>	<i>When</i>	<i>TF</i>	<i>Details</i>
7134B	Cycle 3, 4 2025	Ergonomics TF	Revision to SEMI S8-0218, Safety Guideline for Ergonomics Engineering of Semiconductor Manufacturing Equipment
7169	Cycle 3, 4 2025	S10 Revision TF	Revision of SEMI S10-0423, Safety Guideline for Risk Assessment and Risk Evaluation Process

Table 9 Granted a One-Year Extension

<i>#</i>	<i>TF</i>	<i>Title</i>	<i>Expiration Date</i>
None			

Table 10 SNARF(s) Cancelled

<i>#</i>	<i>TF</i>	<i>Title</i>
None		

Table 11 Standard(s) to receive Inactive Status

<i>Standard Designation</i>	<i>Title</i>
None	



Table 12 New Action Items

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>
Feb25-2025#1	Kevin Nguyen (SEMI staff)	To add Regs SC members and SEMI IT to the Connect@SEMI feedback community room
Feb25-2025#2	Kevin Nguyen (SEMI staff)	To request NARSC to looking idled EHS Taiwan TC Chapter, which it has not conducted meeting for awhile.

Table 13 Previous Meeting Action Items

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>	<i>Status</i>
July11-2024#2	Kevin Nguyen (SEMI staff)	To ask SEMI to improve productive members slides	In progress

1 Welcome, Reminders, and Introductions

1.1 Sean Larsen called the meeting to order at 9:01 AM. The meeting reminders on antitrust, intellectual property, and holding meetings with international attendance were reviewed. Attendees introduced themselves.

2 Review of Previous Meeting Minutes

2.1 The TC Chapter reviewed the minutes of the previous meeting.

Motion: Accept the minutes as written.

By / 2nd: By: Lauren Crane / Lam Research
Second: Clifton Brick / KLA

Discussion: None

Vote: 14-0. Motion passed.

3 Ballot Review

NOTE 1: TC Chapter adjudication of ballots, if any, that are to be forwarded to the Audits & Review (A&R) Subcommittee is detailed in the A&R Subcommittee Forms for procedural review. The A&R forms are available as attachment to these minutes.

3.1 Doc. 7134A, Revision to SEMI S8-0218, Safety Guideline for Ergonomics Engineering of Semiconductor Manufacturing Equipment

3.1.1 Reject Name: Eric Sklar/Safety Guru

Negative: Rewrite this Part so that it explicitly states that:

- a) explicitly states that the conformance criteria are that each MMH task be assessed to determine whether the threshold force limits currently stated are exceeded,
- b) explicitly states that for those MMH tasks for which the threshold force limits are not exceeded, a finding of “conforms to the stated criteria” {“CSC”} is to be made,
- c) for those MMH tasks for which the threshold force limits are exceeded, the task is to be analyzed and documented in accordance with Appendix 2,
- d) for those MMH tasks for which the threshold force limits are exceeded, a finding of “CSC” is to be made if and only if the risk is found to be Low or Very Low, and
- e) for those MMH tasks for which the threshold force limits are exceeded, a finding of “does not conform” (“DNC”) is to be made if and only if the risk is found to be Medium, High, or Very High,

Reason/Justification: This is, I believe what the TF intended to do. However, the ballot contains only the conformance criterion of performing the analysis for Subpart 1.1 and Subparts 1.2 and 1.3 contain the conformance criterion “Push/pulls within limits provided in APPENDIX 2”, but there are no limits provided in Appendix 2.

Motion: Negative is related and persuasive.

Reason: None

By: Eric Sklar / Safety Guru, LLC



Second: Lucian Girlea / Nikon Precision Inc.
Discussion:
Result: 12-Y 0-N Voting Result: Pass - 100.00%

Motion: This Document failed TC Chapter review and will be returned to the TF for rework.

Reason: None.

By: Eric Sklar / Safety Guru, LLC

Second: Lauren Crane / Lam Research

Discussion:

Result: 17-Y 0-N Voting Result: Pass - 100.00%

3.2 SEMI S2-0724, Environmental, Health, and Safety Guideline for Semiconductor Manufacturing Equipment (Type 2 Editorial Changes)

3.2.1 This Publication Change Request (PCR), passed Technical Committee Chapter vote and was sent to ISC Audits & Review (A&R) Subcommittee for procedural review.

Attachment: S2_Type 2 Editorial Change

4 Subcommittee & Task Force Reports

4.1 S3 Revision TF (Andy Petraszak)

- No Task Force meeting, no report.

4.2 S2 Mechanical TF (Andy Petraszak)

- No Task Force meeting, no report.

4.3 Environmental Performance Rating (EPR) TF (Andreas Kloeppel)

- The EPR draft pump test conditions sets will be integrated into S23 by modifying existing Related Information section on vacuum pumps. When completed, the proposal will be transferred to the SEMI S23 TF.
- Need better participation from pump vendors for broader acceptance:

4.4 S10 Risk Assessment TF (Eric Sklar)

- Further work on SEMI S10 (SNARF 7169) has been done in nearly weekly telecons:
- We now have a draft 7169 ballot
 - It has been prepared as a replacement of SEMI S10-0423E as a whole, as the changes are too widespread and too dense to make a ballot showing markup readily intelligible.
 - TF does have a SNARF, 7169, approved for a Major Revision of SEMI S10.
 - Request Authorization for a SEMI S10 revision ballot in 2025 Cycle 3 or 4
- Mark Frankfurth requested an overview of the changes in the SEMI S10 revision ballot. Eric Sklar pointed out that extensive discussion had taken place in the Fall. There was no new update, but he expressed willingness to review it unless the committee preferred otherwise.

Attachment: S10_Report_es25feb26a

4.5 Manufacturing Equipment Safety Subcommittee (MESSC) (Lucian Girlea)

- Request (Lauren Crane – Spring 2024) – should S2 consider addressing Emergency Rescue / Egress (as in Machinery Regulation)?
 - No new update
 - Tried to find a ‘Guide To Application Of The Machinery Regulation’ or similar
 - No such ‘Guide’ found or helpful information found, many ‘interpretations’
 - Next step?



- Continue to monitor for new clarifying information (all)
- Discuss at next SEMI Standards meetings
- New Business
 - New S2 R20 change request from Korea
 - In its reviewing SEMI S2, The Korea EHS CFG identified several concerns with the criteria in SEMI S2 R20.4.4 regarding Korea regulation of flammable substances. The effort proposed in this SNARF addresses those concerns by proposing line-item revisions to SEMI S2.
 - New S2 R20 SNARF Draft available
 - Discussed request and assigned MESSC as the TF
 - The SNARF document was sent to several members for review
 - Eric Sklar said that a SNARF is not needed since the proposed changes are intended to be included in Related Information 20, which is not an official part of the Safety Guideline. Thus, changes can be proposed via a Publication Change Request (PCR) form, and the TC Chapter can approve them.
 - Lucian Girlea will help mark up the changes in S2 and will circulate them back to Korea before the next meeting. Sean Larsen will also participate by emailing his colleague and other parties involved in the proposal.
 - S2 RI20 markup drafted

Attachment: MESSC SEMI Winter 2025 - Report

4.6 S2 Major Revision TF (Lucian Girlea)

- TF Activity
 - S2 Revision
 - Updating content, addressing conflicts, clarifying statements
 - Excellent TF participation in weekly meetings.
 - Eric Sklar is the TF Technical Editor
 - Coordinating work with other EHS TFs (S8, S10)
 - New items routed to the S2 MR TF
 - S2 MR TF approach being adopted by other TFs
 - Japan Liaison TF (JA-S2 revision LTF).
 - Mashiro-san leads LTF, attends S2 MR TF when schedule permits
- Next Steps
 - Continue the revision work under the same format.
 - Will ask to maintain the same timeslot for the TF meetings.
 - Planning to implement the following actions.
 - Send an information ballot out, for work validation and to gather concerns
 - Discussed how to do this, it appears straightforward, but we tried to avoid interference with S8 and S10
 - Continue the draft work and address all issues found
 - Submit SNARF, coordinate with other TFs, work on S2 MR ballot

Attachment: S2 MR SEMI Winter 2025 - Report

4.7 S6 Ventilation TF (Eric Sklar)

- The Task force has been working on Doc 7133 Revision of SEMI S6-0618 - Environmental, Health, and Safety Guideline for Exhaust Ventilation of Semiconductor Manufacturing Equipment, in telecons most weeks
- Experimental work on leak rates for connection defects (e.g., double, missing, or damaged gaskets, tightening)
 - Work is ongoing. Hope to have results to share in March 2025
- Discussion - Relationship of S6 to SEMI S2-0724 Related Information 20, Additional Considerations for Systems Containing Flammable Substances
- TF Plans: Authorization to ballot 7133, Revision of SEMI S6, not before Summer Meetings.

Attachment: S6_Report_es25feb26a

4.8 S23 Global TF (Lauren Crane)

- No meeting. No report.

4.9 S2 Global Seismic TF (Lauren Crane)

- History
 - A concern was raised in MESSC during the Dec 2021 Standards meetings:
 - The old (S2-0715) S2 Seismic RI shows a step in the derivation of the horizontal force factor that is not present in the current RI. The step changes the output of the general force equation from 1.32 WP to 0.94WP,. 0.94WP is the value in use now (and then) for the minimum anticipated horizontal force acting on the CG of the equipment.
 - Agreement at US Fall 2024 meetings to revise S2 RI 4
 - Mashiro-san reports Japan TC Chapter endorses the changes and welcomes putting to the NA TC Chapter for vote on Thursday.
- Proposal:
 - PCR on S2 as shown
 - **Motion:** Accept the PCR on S2 as shown
 - By: Lauren Crane / Lam Research
Second: Lucian Girlea / Nikon Precision Inc.
Discussion:
Result: 14-Y 0-N Voting Result: Pass - 100.00%.Voting Rule: Majority
- New Work Suggestions for GTF
 - Consider reaching out to Taiwan EHS TCC to join GTF after this RI revision action is complete. Done. There has been outreach (Mashiro-san a couple times) that was not responded to.

Attachment: 2025 S2-Seismic US Fall TF mtg & rpt Crane r1

Attachment: PCR S2 Seismic Crane Feb 2025 Form_v2 Oct 2022rev1

4.10 Fire Protection TF (Eric Sklar)

- Old Business
 - PFAS Impact on Fluoropolymer Plastics Used in Tool Construction
 - Task Force had discussed, in previous meeting, that equipment manufacturers were having difficulty obtaining “fire-safe” polymeric materials of construction.



- 25 February 2025: The increased regulatory interest appears to be expanding to fire retardant additives that are not PFAS
- Reconciling SEMI S14 with SEMI S10
 - TF held a couple of telecons since the Fall Meetings, concluded that there is nothing it would be useful to ballot until the current S10 revision process is completed.
- Plans
 - Telecons if TF business arises
 - Ballot authorization: No request at this time.

Attachment: FireProt_Report_es25feb26a

4.11 Energetic Materials TF (Eric Sklar)

- Previous Business
 - Topics TF believes should be addressed by a training program
 - Improper adoption of S30
 - Cold traps accumulate material, creating a hazard that needs to be addressed.
 - Still no report of an integrated risk assessment having been done
 - Some S30 related questions have been raised by 1 or 2 device manufacturers
 - S30 Conformance Reports
 - No new discussion November 2024 or February 2025
- TF Plans
 - No immediate plans for telecons, but would like a slot assigned on the schedule in case matters requiring TF discussion arise.

Attachment: EnergeticMatls_Report_es25feb26a

4.12 S1 Labels TF (Eric Sklar)

- Clarification of Significance of Figure 5 in SEMI S1-0923a
 - Added, by Publication Change Request (PCR) approved by NA EHS TCC at its 07 November 2024 meeting, a NOTE immediately below Figure 5.
- Other Old Business
 - How large are symbol-only safety labels pseudorequired to be?
- New Business
 - Lauren Crane's request
 - Check S1 regarding symbol-only labels: Symbol-only labels are the subject of Exception 2 to 7.1, makes no particular mention of the "general warning" symbols.
 - TF to consider whether the "general warning" symbol may be used as a symbol-only label.
 - Add to list of things to be discussed in telecons and done by LI Rev.
- TF Plans & Requests
 - Meet next during "Summer" Meetings
 - Hold telecons to develop a proposal regarding:
 - Minimum symbol-only label size

- LC's requests.

Attachment: S1_Report_es25feb27a

4.13 S2 Control of Hazardous Energy (CoHE) TF (Eric Sklar)

- Discussion
 - Whether there is any foreseen value in holding telecons before we have a “strawman draft” in hand to discuss
 - Does the TF believe that the SNARF (6942) for this activity, which was approved in the NA EHS TCC meeting at SEMICon West 2022 needs to be amended or replaced?
 - ANSI/ASSP Z244.1-2024 The Control of Hazardous Energy – Lockout, Tagout, and Alternative Methods
- Plans & Requests
 - Revise/replace SNARF: Still not ready to update the SNARF
 - Ballot authorization: No request of 27 Feb 2025 NA EHS TCC meeting, as don't foresee having a ballot ready prior to Summer Meetings

Attachment: S2_CoHE_Report_es25feb27a

4.14 S12 Decontamination TF (Eric Sklar)

- Since Spring 2024, this Task Force has been inactive
- TF Leader would appreciate increased participation or, at least, suggestions as to how to increase participation
- Task Force Plans & Requests
 - Continue work on SEMI S12 rewrite draft.
 - Resume telecons when ES has draft for TF review or has identified need for other TF members to discuss something..

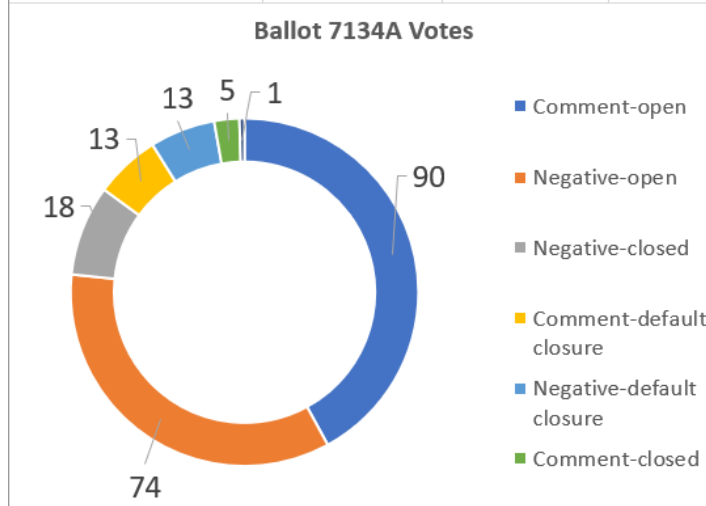
Attachment: S12(decon)_Report_es025feb27a

4.15 S8 Ergonomics TF (Paul Schwab)

- Task Force has been meeting regularly since January of 2022.
- Ballot #7134A was voted on during SEMI Standards Voting Cycle 1.
- The Task Force met on February 25th and 26th during the SEMI Winter Standards meetings.
- The Task Force will continue to meet weekly to resolve the remaining negative vote items and create a new, '7134B' ballot.



Row Labels	Count of Category	Closed
Comment-open	90	
Negative-open	74	
Negative-closed	18	18
Comment-default closure	13	13
Negative-default closure	13	13
Comment-closed	5	5
Negative closed	1	1
Grand Total	214	23.4%



- SEMI S8 Major Revision Summary
 - Task Force will resume meeting on Fridays at 9:00 am Pacific time on February 26th
 - Support documents are located in the SEMI-S8 Task Force document library: <https://connect.semi.org/communities/community-home?CommunityKey=c1526656-40a4-4245-af86-34d3ecc68624>

Attachment: SEMI-S8TFSummary_ps25feb27

4.16 S7 TF (Sean Larsen)

- TF is drafting Doc. 6907, Revision to SEMI S7-0515, Safety Guideline for Evaluating Personnel and Evaluating Company Qualifications.
- No teleconferences have been held lately.
- Ballot is getting a jump start, looking into the auditing companies section and the TF will try to get a teleconference going.

4.17 S2/S22 TF (Chris Evanston)

- Did not hold a meeting. The TF is dormant.
- Sean Larsen said there is a plan to clean up the ballot and circulate among the TF members.

4.18 Other Documents of Interest

4.18.1 F47 TF

- Sean Larsen said he has not been attending the F47 TF meeting. If anyone attends the meeting, please share information.

4.18.2 BIM TF

- Eric Sklar reported that the BIM document has passed and is currently being published. The task force met this week and is reviewing several other SEMI documents related to information packages. The task force plans to develop a survey to determine which of these documents are superseded by the newly published BIM.

4.18.3 EMC Document

- Sean Larsen reported that discussions regarding the revision of SEMI E33 have begun. He is uncertain about the direction the revision will take. Some of the current discussions are being driven by a major end user concerned with ELF, without addressing EMC. However, there is support for rewriting SEMI E33.

5 Liaison Reports

5.1 ICRC Liaison (Clifton Brick)

- Presentation topics are listed below. If anyone wants to present any future topics, please inform Clifton Brick.

SEMI EHS Summit Review	Ben Kallen (SEMI)
EU F-Gas	Supika Mashiro (TEL)
Dechlorane Plus and UV-238	Walker Carlisle (KLA)
Semiconductor Manufacturing Cybersecurity Consortium	Rajesh Potturi (AMAT)
EU CMR (critical raw materials regulation) EU PPWR (packaging and packaging waste regulation)	Lauren Crane (Lam Research)

- The regulatory dashboard was reviewed and updated
- Highlights
 - EU F-gas Regulation
 - Dechlorane Plus and UV238
 - Cybersecurity Consortium
 - EU CRM and PPWR critical raw materials regulation and the packaging and packaging waste regulation
- Request for Co-chair(s)
 - If you have interest in being a co-chair for the ICRC, please share your interest as we need a co-chair

Attachment: ICRC update winter 2025

5.2 Other EHS

5.2.1 The Taiwan TC Chapter is currently idle. There have been no meetings for more than 2 years. No further business was reported. Sean Larsen stated that the RSC should look into disbanding a TC Chapter if failing to hold for an extended period. Kevin will take this action to raise this issue up at the NARSC meeting.

5.2.2 Japan EH&S TC Chapter (Supika Mashiro)

- Last meeting
 - SEMICON Japan, December 2024.
- Next meeting
 - June 25, 2025
 - SEMI Japan Office, Tokyo, Japan/ OVTCCM (Hybrid)
- Akiko Tsukada/ Nuflare Technology — Newly approved to be a co-chair
- Authorized Activities
 - S13 TFOF



- Environmental, Health and Safety Guideline for Documents Provided to the Equipment User for use with Semiconductor Manufacturing Equipment
- 5 year review
 - SEMI S17, Safety Guideline for Unmanned Transport Vehicle (UTV) Systems
- Global Seismic Protection Task Force
- S23 Revision Global Task Force

Attachment: EHS JA TC Chapter Liaison Report_February 2025_R1

5.2.3 *Korea TC Chapter Formation Group (Kevin Nguyen)*

- Previous Meeting
 - January 10, 2025 @ Pangyo, Gyeonggi-do (Hybrid)
- Next Meeting
 - April 11, 2025 @ Pangyo, Gyeonggi-do (Hybrid)
- New Activity
- Drafting SNARF for Line Item revision to R20-4.4 Korea (Systems containing flammable substances).
 - Looking for appropriate existing TF for the activity. If not TFOF will be prepared shortly.

Liaison report_Korea_EHS_Feb2025

Attachment: Liaison report_Korea_EHS_Nov2024

5.3 *RSC report (Sean Larsen)*

- The Regs SC is working a change to allow simultaneous major revisions to multiple standards in a single ballot.
- Connect@SEMI is not yet ready. There are still bugs that need to be resolved. Therefore, the Regs SC is postponing the requirement until June.
 - Discussions
 - There is a feedback community with only three members. Lauren Crane requested that Regs SC members be added so that they can view the feedback.
 - Lauren Crane asked whether all task force meetings need to be conducted via Connect. He also inquired, 'How does it work'?
 - Sean Larsen stated that the task force membership roster needs to be maintained in Connect. The goal is to keep an accurate email list. Additionally, the draft document must also be uploaded there.
 - The email function for task force members is available, but according to Lauren Crane, it was not useful.
 - Eric Sklar reported that a program member may join any task force, but approval is required from the community leader or a SEMI staff member. In one instance, he had requested to join a task force, but a month has passed, indicating a significant delay.
 - Clifton Brick asked whether training slides or other instructional materials are available, or whether the concept needs to be tested and verified before launch.
 - Eric Sklar stated that training materials are posted on the SEMI Standards website, but he has not had a chance to review them and cannot yet determine their usefulness.

5.4 **SEMI Staff Report (Kevin Nguyen)**

- SEMI upcoming events



- SEMICON West 2025-2030
 - 2025—October 7-9 | Phoenix Convention Center | Phoenix, AZ
 - 2026—October 13-15 | Moscone Center | San Francisco, CA
 - 2027—October 12-14 | Phoenix Convention Center | Phoenix, AZ
 - 2028—October 10-12 | Moscone Center | San Francisco, CA
 - 2029—October 9-11 | Phoenix Convention Center | Phoenix, AZ
 - 2030—October 29-31 | Moscone Center | San Francisco, CA

- Upcoming NA 2025 Meetings

NA Standards Summer Meetings	June 2-6, 2025 SEMI HQ, Milpitas, California/USA
SEMICON West	Oct 6-9, 2025 Phoenix Convention Center Phoenix, Arizona/USA

- 2025 Critical Dates for SEMI Standards Ballots
 - <https://www.semi.org/en/collaborate/standards/ballots>
- The Use of Connect@SEMI for TF Management and Document Development Depository
 - Refer to PM § 6.4.5 Operation of TFs
 - By Feb 2025, all Standards Task Forces shall use Connect@SEMI to host documents that are currently in development.
 - Each Standards Task Force will have its own Community Page on Connect@SEMI.
 - All program members may log in at: <https://connect.semi.org>
 - Enter their username and password (same as program membership log-in)
 - Contact staff if questions.
- Training materials are available at:
 - <https://www.semi.org/standards>
 - Under Standards Developer Resources → Collaboration Tools (scroll to the bottom)
- SEMI Standards Publications
 - Total SEMI Standards in portfolio: 1,098
 - Includes 365 Inactive Standards

Attachment: Staff Report Feb 2025 v3

6 Old Business

6.1 None

7 New Business

7.1 Sean Larsen reported there is room for a third co-chair for the NA TC Chapter. The committee has 2 co-chairs. A third co-chair is needed, someone representing chip maker is desired, but not required.

7.2 Upcoming Ballot Authorization

7.2.1 The following ballots are authorized for upcoming cycles.

Motion: Authorize (S10 and S8) for cycle 3 or 4 of 2025

By: Eric Sklar / Safety Guru, LLC

Second: Lucian Girlea / Nikon Precision Inc.

Result: 11-Y 0-N Voting Result: Pass - 100.00%. Voting Rule: Majority



#	When	TF	Details
7134B	Cycle 3 or 4 2025	Ergonomics TF	Revision to SEMI S8-0218, Safety Guideline for Ergonomics Engineering of Semiconductor Manufacturing Equipment
7169	Cycle 3 or 4 2025	S10 Revision TF	Revision of SEMI S10-0423, Safety Guideline for Risk Assessment and Risk Evaluation Process

7.3 Teleconferences

- Eric Sklar presented and modified the Google calendar for all NA EHS TF teleconferences, which was accepted by consensus for the period between this meeting and the NA EHS TCC meeting in June:
- Calendar is available at:
<https://calendar.google.com/calendar/u/0/embed?src=0dblgh8j8j0im0e8bt4jkbocs4@group.calendar.google.com>

8 Next Meeting and Adjournment

8.1 The next meeting is scheduled for Thursday, June 5, 2025, in conjunction with NA Spring/Summer Meetings at SEMI HQ, Milpitas, CA. Refer to <http://www.semi.org/standards> for the current list of meeting schedules.

8.2 There being no further business, a motion was made to adjourn. Adjournment was at 1:32 PM.

Respectfully submitted by:

Kevin Nguyen,
SEMI Standards Operations Manager
Phone: 408-943-7997
Email: knguyen@semi.org

Minutes tentatively approved by:

Sean Larsen (KLA)	<Date approved>
Chris Evanston (Salus Engineering International)	<Date approved>

Table 14 Index of Available Attachments^{#1}

<i>Title</i>	<i>Title</i>
S2 Type 2 Editorial Change	S1 Report es25feb27a
S10 Report es25feb26a	S2 CoHE Report es25feb27a
MESSC SEMI Winter 2025 - Report	S12(decon) Report es025feb27a
S2 MR SEMI Winter 2025 - Report	SEMI-S8TFSummary ps25feb27
S6 Report es25feb26a	ICRC update winter 2025
2025 S2-Seismic US Fall TF mtg & rpt Crane r1	EHS JA TC Chapter Liaison Report February 2025 R1
PCR S2 Seismic Crane Feb 2025 Form v2 Oct 2022rev1	Liaison report Korea EHS Nov2024
FireProt Report es25feb26a	Staff Report Feb 2025 v3
EnergeticMatls Report es25feb26a	

^{#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 <https://downloads.semi.org/standards/minutes.nsf/MinutesByCommittee!OpenView&Start=1&Count=1000&Expand=5#5>. For additional information or to obtain individual attachments, please contact Kevin Nguyen at the contact information above.