



Gases and Facilities Japan Joint TC Chapter Meeting Summary and Minutes (Draft)

SEMI Japan Standards Fall 2019 Meetings
October 4, 2019, Begin 14:00 – End 17:00
SEMI Japan, Tokyo, Japan

TC Chapter Announcements

Next TC Chapter Meeting

Gases and Facilities Japan Joint TC Chapter
Tuesday, December 10, 2019, Begin 13:00 – End 15:00
SEMI Japan, Tokyo, Japan

Table 1 Meeting Attendees

Italics indicate virtual participants

Gases Japan TC Chapter Co-Chairs: Hiromichi Enami (i-ZOOM), Isao Suzuki (Consultant), Masafumi Kitano (Fujikin)
Facilities Japan TC Chapter Co-Chairs: Hiromichi Enami (i-ZOOM), Isao Suzuki (Consultant), Masafumi Kitano (Fujikin)
SEMI Staff: Junko Collins (SEMI Japan)

| <i>Company</i> | <i>Last</i> | <i>First</i> | <i>Company</i> | <i>Last</i> | <i>First</i> |
|----------------|-------------|--------------|------------------------|-------------|--------------|
| i-ZOOM | Enami | Hiromichi | Ham-let Motoyama Japan | Noritsugu | Ishida |
| Consultant | Suzuki | Isao | NISSAN TANAKA | Takamisawa | Kazuhiko |
| Daido Steel | Matsuda | Mitsuhiro | Ball Wave | Tsukahara | Yusuke |
| Fujikin | Kitano | Masafumi | SEMI Japan | Collins | Junko |

Table 2 Leadership Changes

| <i>WG/TF/SC/TC Name</i> | <i>Previous Leader</i> | <i>New Leader</i> |
|------------------------------------|------------------------|-------------------|
| <i>Gases Japan TC Chapter</i> | | |
| None | | |
| <i>Facilities Japan TC Chapter</i> | | |
| None | | |
| | | |



Table 3 Committee Structure Changes

| <i>Previous WG/TF/SC Name</i> | <i>New WG/TF/SC Name or Status Change</i> |
|------------------------------------|---|
| <i>Gases Japan TC Chapter</i> | |
| None. | |
| | |
| <i>Facilities Japan TC Chapter</i> | |
| None. | |
| | |

Table 4 Ballot Results

| <i>Document #</i> | <i>Document Title</i> | <i>Committee Action</i> |
|------------------------------------|---|--|
| <i>Gases Japan TC Chapter</i> | | |
| None. | | |
| | | |
| <i>Facilities Japan TC Chapter</i> | | |
| 6395A | Revision to SEMI F1-0812, Specification for Leak Integrity of High Purity Gas Piping Systems and Components | Failed ballots and line items were returned to the originating task forces for re-work and re-balloting |
| | | |

#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

| <i>#</i> | <i>Type</i> | <i>SC/TF/WG</i> | <i>Details</i> |
|------------------------------------|-------------|-----------------|----------------|
| <i>Gases Japan TC Chapter</i> | | | |
| None. | | | |
| | | | |
| <i>Facilities Japan TC Chapter</i> | | | |
| None. | | | |
| | | | |

Table 6 Authorized Activities

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

| <i>#</i> | <i>Type</i> | <i>SC/TF/WG</i> | <i>Details</i> |
|------------------------------------|-------------|-----------------|----------------|
| <i>Gases Japan TC Chapter</i> | | | |
| None. | | | |
| | | | |
| <i>Facilities Japan TC Chapter</i> | | | |
| 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 |
|------------------------------------|------|----|---------|
| <i>Gases Japan TC Chapter</i> | | | |
| None. | | | |
| | | | |
| <i>Facilities Japan TC Chapter</i> | | | |
| None. | | | |
| | | | |

Table 8 SNARF(s) Granted a One-Year Extension

| # | TF | Title | Expiration Date |
|------------------------------------|----|-------|-----------------|
| <i>Gases Japan TC Chapter</i> | | | |
| None. | | | |
| | | | |
| <i>Facilities Japan TC Chapter</i> | | | |
| None. | | | |
| | | | |

Table 9 SNARF(s) Abolished

| # | TF | Title |
|------------------------------------|----|-------|
| <i>Gases Japan TC Chapter</i> | | |
| None. | | |
| | | |
| <i>Facilities Japan TC Chapter</i> | | |
| None. | | |
| | | |

Table 10 Standard(s) to receive Inactive Status

| Standard Designation | Title |
|------------------------------------|-------|
| <i>Gases Japan TC Chapter</i> | |
| None. | |
| | |
| <i>Facilities Japan TC Chapter</i> | |
| None. | |
| | |



Table 11 New Action Items

| <i>Item #</i> | <i>Assigned to</i> | <i>Details</i> |
|---------------|--------------------|----------------------------------|
| 20191002_01 | F1 Rev TF | To submit 6395B to Cycle 2, 2020 |
| | | |

Table 12 Previous Meeting Action Items

| <i>Item #</i> | <i>Assigned to</i> | <i>Details</i> |
|---------------|--------------------|----------------|
| None | | |
| | | |

1 Welcome, Reminders, and Introductions

Masafumi Kitano (Fujikin) 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: 01-02_SEMI Standards Required Elements_August2018_E+J

2 Review of Previous Meeting Minutes

The TC Chapter reviewed the minutes of the previous meeting.

Motion: To approve the minutes of the previous meeting with an editorial change.

By / 2nd: Masafumi Kitano (Fujikin)/ Hiromichi Enami (i-ZOOM)

Discussion: None.

Vote: 6 in favor and 0 opposed. **Motion passed.**

Attachment: 02-00_20190412_Miniutes_Draft_Gases and Facilities_r2_Signed_r1

3 Liaison Reports

3.1 Gases North America TC Chapter

Junko Collins (SEMI Japan) reported for the Facilities North America TC Chapter as attached.

Attachment: 03-01_02_NA F&G Liaison Report July2019 v1

3.2 Facilities North America TC Chapter

Junko Collins (SEMI Japan) reported for the Facilities North America TC Chapter as attached.

Attachment: 03-01_02_NA F&G Liaison Report July2019 v1

3.3 Gases Europe TC Chapter

None.

3.4 Facilities Korea TC Chapter



None.

3.5 *Semiconductor Components, Instruments, and Subsystems Technology Community (SCIS)*

Although there is no official report, Junko Collins report some standards activities originated from SCIS activities as of July 16.

3.6 Electronic Materials Group (EMG)

None.

3.7 *SEMI Staff Report*

Junko Collins (SEMI Japan) gave the SEMI Staff Report as attached.

Attachment: 03-07_SEMI Staff Report 2019_0926_v0.1a

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.

4.1 *Gases Japan TC Chapter*

None.



4.2 Facilities Japan TC Chapter

4.2.1 #6395A, Revision to SEMI F1-0812, Specification for Leak Integrity of High Purity Gas Piping Systems and Components

The ballot **failed** TC Chapter review and will be returned to the task force for their rework.

Attachment: 04-01_6395A_Ballot report template with Technical Change Rev1.2_2019.10.04a

5 Subcommittee and Task Force Reports

5.1 Gases Japan TC Chapter

None.

5.2 Facilities Japan TC Chapter

5.2.1 F1 Revision Task Force

Masafumi Kitano (Fujikin) gave the F1 Revision Task Force report. Of note, the ballot 6395A failed at the TC chapter meeting and the task force proposed the following motion.

Motion: To submit 6395B to Cycle 2, 2020
By / 2nd: Masafumi Kitano (Fujikin)/ Noitsugu Ishida (Ham-Let Motoyama Japan)
Discussion: None.
Vote: 6 in favor and 0 opposed. **Motion passed.**

The task force submits #6395B to the Cycle 2, 2020.

Attachment: No attachment

5.2.2 5-year-review Task Force

Masfumi Kitano (Fujikin) reported that there are no activities currently working on.

6 Old Business

6.1 Gases Japan TC Chapter

6.1.1 SNARF Project Period Check

Junko Collins addressed that there is no SNARF that exceed the project period.

6.1.2 5 Year Review Check

Junko Collins addressed that there is no document to be addressed.

6.2 Facilities Japan TC Chapter

6.2.1 SNARF Project Period Check

Junko Collins addressed that there is no SNARF that exceed the project period.



6.2.2 5 Year Review Check

Junko Collins addressed that there is no document to be addressed.

7 New Business

7.1 Gases Japan TC Chapter

None.

7.2 Facilities Japan TC Chapter

None

8 Action Item Review

8.1 Open Action Items

“20180424_02” was closed at the last meeting because no reports have been submitted until the last meeting.

8.2 New Action Items

20191002_01 To submit 6395B to Cycle 2, 2020 by F1 Rev TF

9 Next Meeting and Adjournment

The next meeting is scheduled at 1 p.m. for December 10, 2019 at SEMI Japan, Tokyo, Japan.

See <http://www.semi.org/standards-events> for the current list of events.

Adjournment: [16:30].



Respectfully submitted by:

Junko Collins
 SEMI Japan
 Phone: +81.3.3222.5760
 Email: jcollins@semi.org

Minutes tentatively approved by:

| | |
|---|--|
| Hiromichi Enami (i-ZOOM), Gases Japan TC Chapter Co-chair | |
| Isao Suzuki (Consultant), Gases Japan TC Chapter Co-chair | |
| Masafumi Kitano (Fujikin), Gases Japan TC Chapter Co-chair | |
| Hiromichi Enami (i-ZOOM), Facilities Japan TC Chapter Co-chair | |
| Isao Suzuki (Consultant), Facilities Japan TC Chapter Co-chair | |
| Masafumi Kitano (Fujikin), Facilities Japan TC Chapter Co-chair | |

Table 13 Index of Available Attachments#1

| <i>Title</i> | <i>Title</i> |
|---|-----------------------------|
| 01-02_SEMI Standards Required Elements_August2018_E+J | Approved on October 7, 2019 |
| 02-00_20190412_Minutes_Draft_Gases and Facilities_r2_Signed_r1 | Approved on October 7, 2019 |
| 03-01_02_NA F&G Liaison Report July2019 v1 | Approved on October 7, 2019 |
| 03-07_SEMI Staff Report 2019_0926_v0.1a | Approved on October 7, 2019 |
| 04-01_6395A_Ballot report template with Technical Change Rev1.2_2019.10.04a | Approved on October 7, 2019 |
| | Approved on October 7, 2019 |

#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.