



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

SEMI Japan Standards SEMICON Japan 2019 Meetings

December 10, 2019, Begin 13:00 – End 15:00

SEMI Japan, Tokyo, Japan

## TC Chapter Announcements

*Next TC Chapter Meeting*

Gases and Facilities Japan Joint TC Chapter

Tuesday, April 14, 2020, Begin 14:00 – End 17:30

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	Ishida	Noritsugu
Consultant	Suzuki	Isao	NISSAN TANAKA	Takamisawa	Kazuhiko
Fujikin	Kitano	Masafumi	CARPENTER TECHNOLOGIES	Haaj	Alex
Tokyo Electron	Mashiro	Supika	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>		
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**

<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>
None		

**Table 12 Previous Meeting Action Items**

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

## 1 Welcome, Reminders, and Introductions

Masafumi Kitano (Fujikin) called the meeting to order at 13:00. 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 Technical Committee Awards

The following people were awarded.

- Kazuhiko Takamisawa (NISSAN TANAKA)
- Noritsugu Ishida (Ham-let Motoyama Japan)

## 3 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 / 2<sup>nd</sup>:** Hironichi Enami (i-ZOOM)/ Masafumi Kitano (Fujikin)

**Discussion:** None.

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

**Attachment:** 03-00 20191002\_Minutes\_Draft\_Gases and Facilities\_R1.0

03-00 20191002\_Minutes\_Draft\_Gases and Facilities\_R1.1

## 4 Liaison Reports

### 4.1 Gases North America TC Chapter

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

**Attachment:** 04-01 NA F&G Liaison Report Nov2019 v1

### 4.2 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

4.3 *Gases Europe TC Chapter*

No report.

4.4 *Facilities Korea TC Chapter*

No report.

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

Supika Mashiro (Tokyo Electron, member of SCIS) reported. See attachment.

**Attachment:** 04-05 SEMI SCIS Overview 2019Dec05

4.6 *Electronic Materials Group (EMG)*

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

**Attachment:** 04-06 EMG Americas Update - December 2019

4.7 *SEMI Staff Report*

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

**Attachment:** 04-07 SEMI Staff Report 2019\_1204\_v0.2a

## 5 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.

5.1 *Gases Japan TC Chapter*

None.

5.2 *Facilities Japan TC Chapter*

None.

## 6 Subcommittee and Task Force Reports

6.1 *Gases Japan TC Chapter*

None.



## 6.2 *Facilities Japan TC Chapter*

### 6.2.1 F1 Revision Task Force

Masafumi Kitano (Fujikin) gave the F1 Revision Task Force report. Of note, the task force is working on the ballot 6395B to submit to the Cycle 2, 2020, especially focuses on communication with Eric Sklar.

**Attachment:** No attachment

### 6.2.2 5-year-review Task Force

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

## 6.3 *Gases Japan TC Chapter*

No special report.

## 6.4 *Facilities Japan TC Chapter*

No special report.

## 7 Old Business

### 7.1.1 5 Year Review Check

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

### 7.1.2 SNARF Project Period Check

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

## 8 New Business

### 8.1 *Gases Japan TC Chapter*

None.

### 8.2 *Facilities Japan TC Chapter*

None

## 9 Action Item Review

### 9.1 Open Action Items

“20191002\_01” is open.

### 9.2 New Action Items

None



## **10 Next Meeting and Adjournment**

The next meeting is scheduled at 2 p.m. for April 17, 2020 at SEMI Japan, Tokyo, Japan.

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

Adjournment: [15:00].



Respectfully submitted by:

Junko Collins

SEMI Japan

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Minutes tentatively approved by:

Hiromichi Enami (i-ZOOM), Gases Japan TC Chapter Co-chair	2020/11/30
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	2020/11/30
Isao Suzuki (Consultant), Facilities Japan TC Chapter Co-chair	
Masafumi Kitano (Fujikin), Facilities Japan TC Chapter Co-chair	

**Table 13 Index of Available Attachments<sup>#1</sup>**

<i>Title</i>	<i>Title</i>
01-02_SEMI Standards Required Elements_August2018_E+J	02-00 20191002_Minutes_Draft_Gases and Facilities_R1.0
02-00 20191002_Minutes_Draft_Gases and Facilities_R1.1	04-01 NA F&G Liaison Report Nov2019 v1
04-05 SEMI SCIS Overview 2019Dec05	04-06 EMG Americas Update - December 2019
04-07 SEMI Staff Report 2019_1204_v0.2a	

#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](http://www.semi.org). For additional information or to obtain individual attachments, please contact [SEMI Staff Name] at the contact information above.