



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

SEMI Japan Standards Spring 2019 Meetings

April 12, 2019, Begin [15:00] – End [17:00]

SEMI Japan, Tokyo, Japan

### TC Chapter Announcements

*Next TC Chapter Meeting*

Gases and Facilities Japan Joint TC Chapter

Friday, October 4, 2019, Begin [14:00] – End [17:00]

SEMI Japan, Tokyo, Japan

### Table 1 Meeting Attendees

*Italics indicate virtual participants*

**Gases Japan TC Chapter Co-Chairs:** Hiromichi Enami (Consultant), Isao Suzuki (Consultant), Masafumi Kitano (Fujikin)

**Facilities Japan TC Chapter Co-Chairs:** Hiromichi Enami (Consultant), Isao Suzuki (Consultant), Masafumi Kitano (Fujikin)

**SEMI Staff:** Mizue Iwamura (SEMI Japan)

<i>Company</i>	<i>Last</i>	<i>First</i>	<i>Company</i>	<i>Last</i>	<i>First</i>
Consultant	Enami	Hiromichi	Ham-let Motoyama Japan	Noritsugu	Ishida
Consultant	Suzuki	Isao	NISSAN TANAKA	Takamisawa	Kazuhiko
Daido Steel	Matsuda	Mitsuhiro	BallWave Inc.	Tsukahara	Yusuke
Fujikin	Kitano	Masafumi	SEMI Japan	Iwamura	Mizue

### 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>		
Gases Japan TC Chapter	Hiromichi Enami (Consultant) Isao Suzuki (Consultant)	Hiromichi Enami (Consultant) Isao Suzuki (Consultant) Masafumi Kitano (Fujikin)
<i>Facilities Japan TC Chapter</i>		
Facilities Japan TC Chapter	Hiromichi Enami (Consultant) Isao Suzuki (Consultant)	Hiromichi Enami (Consultant) Isao Suzuki (Consultant) Masafumi Kitano (Fujikin)
F1 Revision TF	Masafumi Kitano (Fujikin)	Masafumi Kitano (Fujikin) Kazuhiko Takamisawa (NISSAN TANAKA)

**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**

<i>#</i>	<i>When</i>	<i>TF</i>	<i>Details</i>
<i>Gases Japan TC Chapter</i>			
None.			

**Table 7 Authorized Ballots**

#	When	TF	Details
<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>		
6323	F1 Revision TF	Reinstatement of SEMI F1-0812 Specification for Leak Integrity of High-Purity Gas Piping Systems and Components

**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>
20180424_02	Tetsuo Shimizu (HORIBA STEC)	To provide the past 3 years activities reports of Live Gas Flow Rate Task Force. Closed. No reports have been submitted until this meeting.

## 1 Welcome, Reminders, and Introductions

Isao Suzuki (Consultant) called the meeting to order at 15:00. He announced that Masafumi Kitano (Fujikin) was appointed as co-chair of Gases and Facilities Japan TC Chapter officially at the previous 2018 winter JRSC meeting.

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 as written.

**By / 2<sup>nd</sup>:** Hiromichi Enami (Consultant) / Noritsugu Ishida (Ham-let Motoyama Japan)

**Discussion:** None.

**Vote:** 5 in favor and 0 opposed. **Motion passed.**

**Attachment:** 02-00\_20181130\_Miniutes\_Draft\_Gases and Facilities\_r3

## 3 Liaison Reports

### 3.1 Facilities North America TC Chapter

Mizue Iwamura (SEMI Japan) reported for the Facilities North America TC Chapter as attached.

**Attachment:** 03-01&02\_NA FG Liaison Report Apr2019 v1

### 3.2 Gases North America TC Chapter

Mizue Iwamura (SEMI Japan) reported for the Gases North America TC Chapter as attached.



**Attachment:** 03-01&02\_NA FG Liaison Report Apr2019 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 SCIS activities in Standards development process as of July 16.

**Attachment:** 03-05\_SEMI SCIS Overview 2019Mar14\_Standards

### 3.6 *Electronic Materials Group (EMG)*

Mizue Iwamura (SEMI Japan) gave the Electronic Materials Group (EMG) Report as attached.

**Attachment:** 03-06\_Overview of SEMI Electronic Materials Group-March019

### 3.7 *SEMI Staff Report*

Mizue Iwamura (SEMI Japan) gave the SEMI Staff Report as attached.

**Attachment:** 03-07\_SEMI Staff Report 2019\_0409\_v1

## **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

None.

### 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) reported for the F1 Revision Task Force as attached. The ballot #6395A: Revision to SEMI F1-0812, Specification for Leak Integrity of High Purity Gas Piping Systems and Components will be submitted in Cycle 6-2019. The ballot #6395A has already approved at Gases and Japan TC Chapter on November 30, 2018. It was planned to be submitted for Cycle 4 or 5, 2019, however, the TF has decided to submit Cycle 6, 2019.

**Attachment:** 05-02-1\_20190412\_F1 TF report

**Motion:** To approve Kazuhiko Takamisawa (NISSAN TANAKA) as a new co-leader of F1 Revision TF  
**By / 2<sup>nd</sup>:** Masafumi Kitano (Fujikin) / Hiromichi Enami (Consultant)  
**Discussion:** None.  
**Vote:** 5 in favor and 0 opposed. **Motion passed.**

**Motion:** To abolish the SNARF #6323: Reinstatement of SEMI F1-0812 Specification for Leak Integrity of High-Purity Gas Piping Systems and Components  
**By / 2<sup>nd</sup>:** Masafumi Kitano (Fujikin) / Hiromichi Enami (Consultant)  
**Discussion:** None.  
**Vote:** 5 in favor and 0 opposed. **Motion passed.**

##### 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

Mizue Iwamura (SEMI Japan) addressed that there is no SNARF that exceed the project period.

##### 6.1.2 5 Year Review Check

Mizue Iwamura (SEMI Japan) addressed that there is no document to be addressed.

#### 6.2 Facilities Japan TC Chapter

##### 6.2.1 SNARF Project Period Check

Mizue Iwamura (SEMI Japan) addressed that there is no SNARF that exceed the project period.

#### 6.2.2 5 Year Review Check

Mizue Iwamura (SEMI Japan) 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 Next Meeting and Adjournment

The next meeting is scheduled at 2 p.m. for October 4, 2019 at SEMI Japan, Tokyo, Japan.

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

Adjournment: [17:05].

Respectfully submitted by:

Mizue Iwamura

Coordinator

SEMI Japan

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Email: miwamura@semi.org

Minutes tentatively approved by:

Hiromichi Enami (Consultant), Gases Japan TC Chapter Co-chair	May 22, 2019
Isao Suzuki (Consultant), Gases Japan TC Chapter Co-chair	May 22, 2019
Masafumi Kitano (Fujikin), Gases Japan TC Chapter Co-chair	May 22, 2019
Hiromichi Enami (Consultant), Facilities Japan TC Chapter Co-chair	May 22, 2019
Isao Suzuki (Consultant), Facilities Japan TC Chapter Co-chair	May 22, 2019
Masafumi Kitano (Fujikin), Facilities Japan TC Chapter Co-chair	May 22, 2019

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

<i>Title</i>	<i>Title</i>
01-02_SEMI Standards Required Elements_August2018_E+J	05-02-1_20190412_F1 TF report
02-00_20181130_Miniutes_Draft_Gases and Facilities_r3	
03-01&02_NA FG Liaison Report Apr2019 v1	
03-05_SEMI SCIS Overview 2019Mar14_Standards	
03-06_Overview of SEMI Electronic Materials Group-March019	
03-07_SEMI Staff Report 2019_0409_v1	

<sup>#1</sup> 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.