



Gases and Facilities Japan Joint TC Chapter

Meeting Summary and Minutes

SEMI Japan Standards Spring 2018 Meetings

April 24, 2018, Begin [15:00] – End [17:00]

SEMI Japan, Tokyo, Japan

TC Chapter Announcements

Next TC Chapter Meeting

Gases and Facilities Japan Joint TC Chapter

June 29, 2018, 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 (Hitachi High Technologies), Isao Suzuki (MKS Japan), Tsuneyuki Okabe (Tokyo Electron Tohoku)

Facilities Japan TC Chapter Co-Chairs: Hiromichi Enami (Hitachi High Technologies), Isao Suzuki (MKS Japan), Tsuneyuki Okabe (Tokyo Electron Tohoku)

SEMI Staff: Mizue Iwamura

<i>Company</i>	<i>Last</i>	<i>First</i>	<i>Company</i>	<i>Last</i>	<i>First</i>
Daido Steel	Matsuda	Mitsuhiro	NISSAN TANAKA	Takamisawa	Kazuhiko
Fujikin	Kitano	Masafumi	Tokyo Electron	Mashiro	Supika
Hitachi High-Technologies	Enami	Hiromichi	Tokyo Electron	Okabe	Tsuneyuki
Hitachi Metals FineTech	Jinbo	Katsuhiko	Tri Chemical Laboratories	Hiraki	Tadaaki
HORIBA STEC	Okuyama	Takahiro			
HORIBA STEC	Shimizu	Tetsuo			
MKS Japan	Suzuki	Isao	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	-	Tsuneyuki Okabe (Tokyo Electron Tohoku)
<i>Facilities Japan TC Chapter</i>		
Facilities Japan TC Chapter	-	Tsuneyuki Okabe (Tokyo Electron Tohoku)

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>	
Live Gas Flow Rate Task Force	Discharged
<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>		
6321	Reapproval of SEMI F45-0307, Specification for Machined Stainless Steel Reducing Weld Fittings	Passed , as balloted
6322	Reapproval to SEMI F44-0307, Specification for Machined Stainless Steel Weld Fittings of Machined Stainless Steel Weld Fittings	Passed , as balloted
6323	Reinstatement of SEMI F1-0812 Specification for Leak Integrity of High-Purity Gas Piping Systems and Components	Failed , returned to TF for rework

#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>			
6395	SNARF	F1 revision TF	Revision to SEMI F1-0812, Specification for Leak Integrity of High Purity Gas Piping Systems and Components

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

Table 7 Authorized Ballots

#	When	TF	Details
<i>Gases Japan TC Chapter</i>			
None.			
<i>Facilities Japan TC Chapter</i>			
6395	Cycle7-18	F1 revision TF	Revision to SEMI F1-0812, Specification for Leak Integrity of High Purity Gas Piping Systems and Components

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>
20180424_01	Mizue Iwamura (SEMI Japan)	To make the list of SEMI Standards which originating TC chapter are Japan Gases and Facilities.
20180424_02	Tetsuo Shimizu (HORIBA STEC)	To provide the past 3 years activities reports of Live Gas Flow Rate Task Force.

Table 12 Previous Meeting Action Items

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>
20171212_01	Tetsuo Shimizu (HORIBA STEC)	To submit Roadmap or amendment of Live Gas Flow Rate Task Force TFOF by next Gases Japan TC Chapter. Closed, the task force was discharged.

1 Welcome, Reminders, and Introductions

Isao Suzuki (MKS Japan) called the meeting to order at 15:15. Isao Suzuki (MKS Japan) announced that Tsuneyuki Okabe (Tokyo Electron Tohoku) was appointed as co-chairs of Gases Japan TC Chapter and Facilities Japan TC Chapter at the previous Japan Regional Standards Committee (JRSC).

The meeting reminders on antitrust issues, intellectual property issues and holding meetings with international attendance were reviewed. Attendees introduced themselves.

Attachment: 01_02_Required_Elements_Reg_20150327_E+J.pdf

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 / 2nd: Hiromichi Enami (Hitachi High-Technologies) / Tetsuo Shimizu (HORIBA STEC)

Discussion: None.

Vote: 9 in favor and 0 opposed. **Motion passed.**

Attachment: 02-00_20171212_Minutes_Draft_Gases and Facilities_r2_Signed

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: 03-02_NA FG Liaison Report Apr2018 v1

3.2 *Gases North America TC Chapter*

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

Attachment: 03-02_NA FG Liaison Report Apr2018 v1

3.3 *Gases Europe TC Chapter*

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

None.

3.4 *Facilities Korea TC Chapter*

None.

3.5 *SEMI Staff Report*

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

Attachment: 03-05_SEMI Staff Report 20180423_r0

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 Document # 6321, Reapproval of SEMI F45-0307, Specification for Machined Stainless Steel Reducing Weld Fittings

The ballot **passed** TC review as balloted and will be submitted to the ISC A&R for procedural review. Details can be found in the attached Procedural Review file.

Attachment: 04-02_1_6321_BallotReport_r2

4.2.2 Document # 6322, Reapproval to SEMI F44-0307, Specification for Machined Stainless Steel Weld Fittings of Machined Stainless Steel Weld Fittings

The ballot **passed** TC review as balloted and will be submitted to the ISC A&R for procedural review. Details can be found in the attached Procedural Review file.

Attachment: 04-02_2_6322_BallotReport_r2

4.2.3 Document # 6323, Reinstatement of SEMI F1-0812 Specification for Leak Integrity of High-Purity Gas Piping Systems and Components

The ballot **failed** TC review, and will be resubmitted under new SNARF for Revision to SEMI F1-0812, Specification for Leak Integrity of High Purity Gas Piping Systems and Components. Details can be found in the attached Procedural Review file.

Attachment: 04-02_3_6323_BallotReport

5 Subcommittee and Task Force Reports

5.1 Gases Japan TC Chapter

5.1.1 Live Gas Flow Rate Task Force

Tetsuo Shimizu (Horiba STEC) addressed the committee on this topic.

Motion: To discharge Live Gas Flow Rate TF

By / 2nd: Tetsuo Shimizu (HORIBA STEC) / Tsuneyuki Okabe (Tokyo Electron Tohoku)

Discussion: None.

Vote: 10 in favor and 0 opposed. **Motion passed.**

5.2 Facilities Japan TC Chapter

5.2.1 F1 Revision Task Force

Masafumi Kitano (Fujikin) reported that there is only himself in F1 revision task force and 5-year-review task Force. More members to do document development with him are needed. He will ask Hirofumi Machii (Fujikin), the previous task force leader of those task forces, about the people who can join in with him. Supika Mashiro (Tokyo Electron) said that she will try to recruit task force members within her company.

5.2.2 5-year-review Task Force

None.

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

SEMI F102-0306 (Reapproved 0513) Guide for Selecting Specifications for Dimension of Components for Surface Mount Gas Distribution Systems

7 New Business

7.1 Gases Japan TC Chapter

None.

7.2 Facilities Japan TC Chapter

7.2.1 SNARF for Revision to SEMI F1-0812, Specification for Leak Integrity of High Purity Gas Piping Systems and Components

Masafumi Kitano (Fujikin) addressed the committee on this topic.

Motion: To approve a SNARF for Revision to SEMI F1-0812, Specification for Leak Integrity of High Purity Gas Piping Systems and Components

By / 2nd: Masafumi Kitano (Fujikin) /Hiromichi Enami (Hitachi High-Technologies)

Discussion: None.

Vote: 8 in favor and 0 opposed. **Motion passed.**

Attachment: 07-02_1_20180405_SNARF F1 (002)_r1

7.2.2 Ballot Submission of #6395: Revision to SEMI F1-0812, Specification for Leak Integrity of High Purity Gas Piping Systems and Components

Masafumi Kitano (Fujikin) addressed the committee on this topic.

Motion: Ballot Submission of #6395: Revision to SEMI F1-0812, Specification for Leak Integrity of High Purity Gas Piping Systems and Components to Cycle 7 -2018

By / 2nd: Masafumi Kitano (Fujikin) / Hiromichi Enami (Hitachi High-Technologies)

Discussion: None.

Vote: 8 in favor and 0 opposed. **Motion passed.**

7.2.3 Collaboration with NA Facilities TC Chapter for the ballot #6395: Revision to SEMI F1-0812, Specification for Leak Integrity of High Purity Gas Piping Systems and Components (If any)

None.

8 Next Meeting and Adjournment

The next meeting is scheduled 2 p.m. for Friday, June 29, 2018 at SEMI Japan, Tokyo, Japan

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

Adjournment: [18:30].



Respectfully submitted by:
Mizue Iwamura
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Minutes tentatively approved by:

Hiromichi Enami (Hitachi High Technologies), Gases Japan TC Chapter Co-chair	May 25, 2018
Isao Suzuki (MKS Japan), Gases Japan TC Chapter Co-chair	May 25, 2018
Tsuneyuki Okabe (Tokyo Electron Tohoku), Gases Japan TC Chapter Co-chair	May 25, 2018
Hiromichi Enami (Hitachi High Technologies), Facilities Japan TC Chapter Co-chair	May 25, 2018
Isao Suzuki (MKS Japan), Facilities Japan TC Chapter Co-chair	May 25, 2018
Tsuneyuki Okabe (Tokyo Electron Tohoku), Facilities Japan TC Chapter Co-chair	May 25, 2018

Table 13 Index of Available Attachments#1

<i>Title</i>	<i>Title</i>
01-02_Required_Elements_Reg_20150327_E+J	04-02_3_6323_BallotReport
02-00_20171212_Minutes_Draft_Gases and Facilities_r2_Signed	07-02_1_20180405_SNARF F1 (002)_r2
03-02_NA FG Liaison Report Apr2018 v1	
03-05_SEMI Staff Report 20180423_r0	
04-02_1_6321_BallotReport_r2	
04-02_2_6322_BallotReport_r2	

#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.