



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

SEMI Japan Standards Summer 2017 Meetings

June 23, 2017, 15:00-17:00

SEMI Japan, Tokyo, Japan

TC Chapter Announcements

Gases Japan TC Chapter:

SEMI Japan Standards 2017 Winter Meetings

Tuesday, December 12, 2017, 13:00-15:00

SEMI Japan, Tokyo, Japan

Facilities Japan TC Chapter:

SEMI Japan Standards 2017 Winter Meetings

Tuesday, December 12, 2017, 13:00-15:00

SEMI Japan, Tokyo, Japan

Table 1 Meeting Attendees

Co-Chairs of Gases Japan TC Chapter:

Hiromichi Enami (Hitachi High Technologies), Isao Suzuki (MKS Japan)

Co-Chairs of Facilities Japan TC Chapter:

Hiromichi Enami (Hitachi High Technologies), Isao Suzuki (MKS Japan)

SEMI Staff: Mizue Iwamura (SEMI Japan)

<i>Company</i>	<i>Last</i>	<i>First</i>	<i>Company</i>	<i>Last</i>	<i>First</i>
Hitachi High Technologies	Enami	Hiromichi	HORIBA STEC	Isobe	Yasuhiro
Flow Techno Service	Ishihara	Seiji	MKS Japan	Suzuki	Isao
Fujikin	Hirose	Takashi	Tokyo Electron	Mashiro	Supika
Fujikin	Machii	Yoshifumi	Tokyo Electron Tohoku	Okabe	Tsuneyuki
Fujikin	Kitano	Masafumi	Tri Chemical Laboratories	Hiraki	Tadaaki
Hitachi Metals FineTech	Jinbo	Katsuhiko	SEMI Japan	Iwamura	Mizue
HORIBA STEC	Shimizu	Tetsuo			

** alphabetical order by Company name*

Table 2 Leadership Changes

Gases Japan TC Chapter

<i>WG/TF/SC/TC Name</i>	<i>Previous Leader</i>	<i>New Leader</i>
5-year-review TF	Yoshifumi Machii (Fujikin)	Masafumi Kitano (Fujikin)

Facilities Japan TC Chapter

None.

Table 3 Committee Structure Changes

Gases Japan TC Chapter

None.

Facilities Japan TC Chapter

None.

Table 4 Ballot Results

Gases Japan TC Chapter

None.

Facilities Japan TC Chapter

None.

Table 5 Activities Approved by the GCS between meetings of the TC Chapter

Gases Japan TC Chapter

None.

Facilities Japan TC Chapter

None.

Table 6 Authorized Activities

Gases Japan TC Chapter

None.

Facilities Japan TC Chapter

None.

Table 7 Authorized Ballots

Gases Japan TC Chapter

None.

Facilities Japan TC Chapter

None.

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

Gases Japan TC Chapter

None.

Facilities Japan TC Chapter

None.

Table 9 SNARF(s) Abolished

Gases Japan TC Chapter

None.

Facilities Japan TC Chapter

None.

Table 10 Standard(s) to receive Inactive Status

Gases Japan TC Chapter

<i>Standard Designation</i>	<i>Title</i>
SEMI F82-1012	SPECIFICATION FOR DIMENSION OF MASS FLOW CONTROLLER/MASS FLOW METER FOR 1.125 INCH TYPE SURFACE MOUNT GAS DISTRIBUTION SYSTEMS
SEMI F83-1012	SPECIFICATION FOR DIMENSION OF TWO PORT COMPONENTS (EXCEPT MFC/MFM) FOR 1.125 INCH TYPE TWO FASTENER CONFIGURATION SURFACE MOUNT GAS DISTRIBUTION SYSTEMS
SEMI F84-1012	SPECIFICATION FOR DIMENSION OF THREE PORT COMPONENTS (EXCEPT MFC/MFM) FOR 1.125 INCH TYPE TWO FASTENER CONFIGURATION SURFACE MOUNT GAS DISTRIBUTION SYSTEMS
SEMI F85-1012	SPECIFICATION FOR DIMENSION OF ONE PORT COMPONENTS FOR 1.125 INCH TYPE FOUR FASTENER CONFIGURATION SURFACE MOUNT GAS DISTRIBUTION SYSTEMS
SEMI F86-1012	SPECIFICATION FOR DIMENSION OF TWO PORT COMPONENTS (EXCEPT MFC/MFM) FOR 1.125 INCH TYPE FOUR FASTENER CONFIGURATION SURFACE MOUNT GAS DISTRIBUTION SYSTEMS
SEMI F87-1012	SPECIFICATION FOR DIMENSION OF THREE PORT COMPONENTS (EXCEPT MFC/MFM) FOR 1.125 INCH TYPE FOUR FASTENER CONFIGURATION SURFACE MOUNT GAS DISTRIBUTION SYSTEMS
SEMI F88-1012	SPECIFICATION FOR DIMENSION OF STANDARD SIZE MASS FLOW CONTROLLERS AND MASS FLOW METERS FOR 1.5 INCH TYPE SURFACE MOUNT GAS DISTRIBUTION SYSTEMS
SEMI F90-1012	SPECIFICATION FOR DIMENSION OF STANDARD SIZE TWO PORT COMPONENTS (EXCEPT MFC/MFM) FOR 1.5 INCH TYPE TWO FASTENER CONFIGURATION SURFACE MOUNT GAS DISTRIBUTION SYSTEMS
SEMI F91-1012	SPECIFICATION FOR DIMENSION OF COMPACT SIZE TWO PORT COMPONENTS (EXCEPT MFC/MFM) FOR 1.5 INCH TYPE TWO FASTENER CONFIGURATION SURFACE MOUNT GAS DISTRIBUTION SYSTEMS
SEMI F92-1012	SPECIFICATION FOR DIMENSION OF COMPACT SIZE THREE PORT COMPONENTS FOR 1.5 INCH TYPE TWO FASTENER CONFIGURATION SURFACE MOUNT GAS DISTRIBUTION SYSTEMS
SEMI F93-1012	SPECIFICATION FOR DIMENSION OF ONE PORT COMPONENTS FOR 1.5 INCH TYPE FOUR FASTENER CONFIGURATION SURFACE MOUNT GAS DISTRIBUTION SYSTEMS
SEMI F94-1012	SPECIFICATION FOR DIMENSIONS OF TWO PORT COMPONENTS (EXCEPT MFC/MFM) FOR 1.5 INCH TYPE FOUR FASTENER CONFIGURATION SURFACE MOUNT GAS DISTRIBUTION SYSTEMS
SEMI F95-1012	SPECIFICATION FOR DIMENSION OF THREE PORT COMPONENTS FOR 1.5 INCH TYPE FOUR FASTENER CONFIGURATION SURFACE MOUNT GAS DISTRIBUTION SYSTEMS

Facilities Japan TC Chapter

<i>Standard Designation</i>	<i>Title</i>
SEMI F1-0812	SPECIFICATION FOR LEAK INTEGRITY OF HIGH-PURITY GAS PIPING SYSTEMS AND COMPONENTS
SEMI F106-1012	TEST METHOD FOR DETERMINATION OF LEAK INTEGRITY OF GAS DELIVERY SYSTEMS BY HELIUM LEAK DETECTOR

Table 11 New Action Items

Gases Japan TC Chapter

None.

Facilities Japan TC Chapter

None.

Table 12 Previous Meeting Action Items

Gases Japan TC Chapter

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>
Gas161213-1	SEMI Staff	To watch the progress of <i>Doc.5155, New Standard, Guide for Facilities Data Package for Semiconductor Equipment Installation</i> by Building Information Modeling (BIM) for Semiconductor Capital Equipment TF of NA ... Closed

Facilities Japan TC Chapter

None.

[Common Part 1]

1 Welcome, Reminders, and Introductions

Hiroichi Enami, committee co-chair, called the meeting to order at 15:00. 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 with an editorial change.

By / 2nd: Seiji Ishihara (Flow Techno Service) / Tetsuo Shimizu (HORIBA STEC)

Discussion: None

Vote: 11 in favor and 0 opposed. **Motion passed.**

3 SEMI Staff Report

Mizue Iwamura gave the SEMI staff report. This report included SEMI Global 2017 Calendar of Events, Global Standards Meeting Schedule, SEMICON WEST, 2017 Critical Dates for SEMI Standards Ballots, A&R Ballot Review, SEMI Standards Publication, JRSC Organization Chart, SEMI TSUSHIN Information, Global Staff Assignment and Staff Contact Information.

Attachment: 04_00_SEMI Staff Report 20170614_r3.pdf

4 Liaison Reports

4.1 *Facilities North America TC Chapter*

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

Attachment: 05_01_NA F&G Liaison Report April2017.pdf

4.2 *Gases North America TC Chapter*

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

Attachment: 05_01_NA F&G Liaison Report April2017.pdf

4.3 *Gases Europe TC Chapter Report*

None.

4.4 *Facilities Korea TC Chapter Report*

None.

[Gases Japan TC Chapter Part]

5 Subcommittee and Task Force Reports

5.1 *Gas Panel and Metal Seal Test Methods Task Force*

None.

5.2 *5-year-review Task Force*

See Old Business.

5.3 *Live Gas Flow Rate Task Force*

Tetsuo Shimizu (HORIBA STEC) reported for the Live Gas Flow Rate Task Force. The Task Force met earlier in the day. Of note:

- Round robin test has done by several companies at National Institute of Advanced Industrial Science and Technology (AIST), and Tetsuo Shimizu (HORIBA STEC) reviewed the summary of the last test results.

6 Old Business

6.1 5 Year Review Check

Yoshifumi Machii (Fujikin) addressed the committee on this topic.

Motion: To approve 13 SEMI Standards to get “inactive” status. 13 SEMI Standards are as follows; SEMI F82-1012, SEMI F83-1012, SEMI F84-1012, SEMI F85-1012, SEMI F86-1012, SEMI F87-1012, SEMI F88-1012, SEMI F90-1012, SEMI F91-1012, SEMI F92-1012, SEMI F93-1012, SEMI F94-1012, SEMI F95-1012.

By / 2nd: Yoshifumi Machii (Fujikin) / Seiji Ishihara (Flow Techno Service)

Discussion: There is few possibility to revise those SEMI standards.

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

7 New Business

Yoshifumi Machii (Fujikin) addressed the committee on this topic.

Motion: To approve Yoshifumi Machii (Fujikin) to step down from 5-year-review TF, and to approve Masafumi Kitano (Fujikin) to be a leader of 5-year-review TF .

By / 2nd: Yoshifumi Machii (Fujikin) / Isao Suzuki (MKS Japan)

Discussion: None.

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

[Facilities Japan TC Chapter Part]

8 Subcommittee and Task Force Reports

8.1 F1 Revision Task Force

The committee discussed to discharge F1 Revision Task Force in next committee. The committee will ask Shuji Moriya (Tokyo Electron Yamanashi) to continue F1 Revision Task Force or not, because Yoshifumi Machii (Fujikin) will step down from the leader of F1 Revision Task Force as well. Thus, there are no activities recently.

9 Old Business

9.1 5 Year Review Check

Yoshifumi Machii (Fujikin) addressed the committee on this topic.

Motion: To approve 2 SEMI Standards to get “inactive” status. 2 SEMI Standards are as follows; SEMI F1-0812, SEMI F106-1012.

By / 2nd: Yoshifumi Machii (Fujikin) / Seiji Ishihara (Flow Techno Service)

Discussion: There is few possibility to revise those SEMI standards.

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

10 New Business

None.

[Common Part 2]

11 Next Meeting and Adjournment

The next meeting of the Gases Japan TC Chapter is scheduled for Tuesday, December 12, 2017, 13:00-15:00, SEMI Japan, Tokyo, Japan.

The next meeting of the Facilities Japan TC Chapter is scheduled for Tuesday, December 12, 2017, 13:00-15:00, SEMI Japan, Tokyo, Japan.

See <http://www.semi.org/en/events> for the current list of meeting schedules.

Having no further business, a motion was made to adjourn. Adjournment was at 17:00.

Respectfully submitted by:
 Mizue Iwamura
 Coordinator, Standards
 SEMI Japan
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Minutes approved by:

Hirohichi Enami (Hitachi High Technologies), Co-chairs	October 24, 2017
Isao Suzuki (MKS Japan), Co-chairs	October 24, 2017

Table 13 Index of Available Attachments^{#1}

<i>Title</i>	<i>Title</i>
01_02_Required_Elements_Reg_20150327_E+J.pdf	04_00_SEMI Staff Report 20170614_r3.pdf
05_01_NA F&G Liaison Report April2017.pdf	

^{#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.