

# Gases Japan TC Chapter and Facilities Japan TC Chapter Joint Meeting Meeting Summary and Minutes

**SEMI Japan Standards Summer 2015 Meetings**

July 9, 2015, 15:00-17:00

SEMI Japan, Tokyo, Japan

**Next Committee Meeting**

**Gases Japan TC Chapter:**

**SEMI Japan Standards Fall 2015 Meetings**

Friday, September 18, 2015, 15:00-17:00

SEMI Japan, Tokyo, Japan

**Facilities Japan TC Chapter:**

**SEMI Japan Standards Fall 2015 Meetings**

Friday, September 18, 2015, 15:00-17:00

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:** Naoko Tejima (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	Fujikin	Machii	Yoshifumi
Fujikin	Hirose	Takashi	ACE	Mihira	Hiroshi
Hitachi Metals	Ikeuchi	Shintaro	Tokyo Electron Yamanashi	Moriya	Shuji
Swagelok	Ishida	Noritsugu	HORIBA STEC	Shimizu	Tetsuo
Flow Techno Service	Ishihara	Seiji	MKS Japan	Suzuki	Isao
HORIBA STEC	Isobe	Yasuhiro	SEMI Japan	Naoko	Tejima
ITW Japan Brooks Instruments	Kashiwazaki	Hokuto			

\* alphabetical order by last name

**Table 2 Leadership Changes**

**Gases Japan TC Chapter**

None.

**Facilities Japan TC Chapter**

None.

**Table 3 Ballot Results**

**Gases Japan TC Chapter**

None.

**Facilities Japan TC Chapter**

None.

**Table 4 Authorized Ballots**  
**Gases Japan TC Chapter**

None.

**Facilities Japan TC Chapter**

None.

**Table 5 Authorized Activities**  
**Gases Japan TC Chapter**

None.

**Facilities Japan TC Chapter**

None.

**Table 6 New Action Items**  
**Gases Japan TC Chapter**

None.

**Facilities Japan TC Chapter**

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>
Facilities150709-01	Hiromichi Enami	To check with NA TC Chapter members to which part of the charter “Building Model Facilities” is comprehended at SEMICON West Meeting.

**[Common Part 1]**

**1 Welcome, Reminders, and Introductions**

Hiromichi Enami, committee co-chair, called the meeting to order at 15:00. Self-introductions were made followed by the agenda review.

**2 Required Meeting Elements**

The meeting reminders on antitrust issues, intellectual property issues and holding meetings with international attendance were reviewed by SEMI staff, Naoko Tejima.

**3 Review of Previous Meeting Minutes**

The committee reviewed the minutes of the previous meeting held on April 24, 2015.

**Motion:** To approve the minutes of the previous meeting as written.

**By / 2<sup>nd</sup>:** Seiji Ishihara, (Flow Techno Service) / Yoshifumi Machii (Fujikin)

**Discussion:** None

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

**Attachment:** 01\_JA\_G+F\_Previous\_Mtg\_Minutes\_150709

#### 4 SEMI Staff Report

Naoko Tejima gave the SEMI staff report. This report included SEMI Global 2015 Calendar of Events, Global Standards Meeting Schedule, 2015 Critical Dates for SEMI Standards Ballots, SEMI Standards Publication, A&R Ballot Review and Contact Information.

**Attachment:** 02\_SEMI\_Staff\_Report\_150709

#### 5 Liaison Reports

##### 5.1 Gases North America TC Chapter Report

No report was provided.

##### 5.2 Gases Europe TC Chapter Report

No report was provided.

#### [Gases Japan TC Chapter Part]

#### 6 Task Force Reports

##### 6.1 Gas Panel and Metal Seal Test Methods Task Force

Yoshifumi Machii reported for the Gas Panel and Metal Seal Test Methods Task Force that there were not particular activities.

##### 6.2 5-year-review Task Force

Yoshifumi Machii reported for the 5-year-review Task Force that there were not particular activities.

##### 6.3 Standardization of Live Gas Flow Rate Study Group

Shuji Moriya reported for the Standardization of Live Gas Flow Rate Study Group. The Study Group met earlier in the day. Of note:

- Mr. Morioka from AIST presented the proposal of “Standardization of the process gas flow rates used in the semiconductor manufacturing process” and discussed it.
- It was agreed to work together for developing standard documents, and Study Group will be transferred to Task Force. TFOF will be submitted to the next TC Chapter meeting.
- Awareness survey will be made prior to submit TFOF.

#### 7 Old Business

##### 7.1 Previous Meeting Action Items

Naoko Tejima reviewed the previous meeting action items.

**Table 7 Previous Meeting Actions Items**

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>
G+F141202-01	Co-chairs and SEMI staff	To consider the meeting operation and the agenda of joint meeting of the Gases Japan TC Chapter and the Facilities Japan TC Chapter. ... <b>Close</b>
Gases150424-01	Standardization of Live Gas Flow Rate SG	To report the specific contents about the proposal from AIST after discussion with them at the next TC Chapter meeting. ... <b>Close</b>
Gases150424-02	SEMI	To send the current Global Charters of Global Gases TC to TC members and collect their opinions and ideas to its revision. ... <b>Close</b>

## [Facilities Japan TC Chapter Part]

### 8 Task Force Reports

#### 8.1 F1 Revision Task Force

Yoshifumi Machii reported for the F1 Revision Task Force that there were not particular activities.

### 9 Old Business

#### 9.1 Previous Meeting Action Items

Naoko Tejima reviewed the previous meeting action items.

**Table 8 Previous Meeting Actions Items**

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>
G+F141202-01	Co-chairs and SEMI staff	To consider the meeting operation and the agenda of joint meeting of the Gases Japan TC Chapter and the Facilities Japan TC Chapter. ... <b>Close</b>
Facilities150424-01	SEMI	To send the current Global Charters of Global Facilities TC to TC members and collect their opinions and ideas to its revision. ... <b>Close</b>

## [Common Part 2]

### 10 New Business

#### 10.1 Review of Global Charter

The Global Charters of Global Gases TC and Global Facilities TC were reviewed.

**Action Item:** Hiromichi Enami to check with NA TC Chapter members to which part of the charter “Building Model Facilities” is comprehended at SEMICON West Meeting.

**Attachment:** 03\_G&F\_Global\_Charter\_150709

#### 10.2 Introduction of the New SEMI Japan Activities for the Chemical and Gases Manufactures

SEMI Japan will start the New Activities, CGMG (Chemical and Gas Manufacturer’s Group). Actually these activities has already started in NA and Korea. Taiwan and Japan is in preparation. Its outline is attached.

**Attachment:** 04\_Introduction\_of\_CGMG\_150709

### 11 Action Item Review

#### 11.1 New Action Items

Naoko Tejima reviewed the new action items. These can be found in the New Action Items table at the beginning of these minutes.

### 12 Next Meeting and Adjournment

The next meeting of the Gases Japan TC Chapter is scheduled for Friday, September 18, 2015, 15:00-17:00, SEMI Japan, Tokyo, Japan

The next meeting of the Facilities Japan TC Chapter is scheduled for Friday, September 18, 2015, 15:00-17:00, SEMI Japan, Tokyo, Japan.

The meeting schedule during SEMICON Japan 2015 is as follows;

- Standardization of Live Gas Flow Rate Study Group: 10:00-11:30, Tuesday, December 15.
- Gases Japan TC Chapter and Facilities Japan TC Chapter Joint Meeting: 11:30-12:00, Tuesday, December 15.

Respectfully submitted by:  
Naoko Tejima  
Manager, Standards  
SEMI Japan  
Phone: +81.3.3222.5804  
Email: ntejima@semi.org

Minutes approved by:

Hiromichi Enami (Hitachi High Technologies), Co-chairs	<a href="#">August **, 2015</a>
Isao Suzuki (MKS Japan), Co-chairs	<a href="#">August **, 2015</a>

**Table 9 Index of Available Attachments** <sup>#1</sup>

#	<i>Title</i>
1	JA_G+F_Previous_Mtg_Minutes_150709
2	SEMI_Staff_Report_150709
3	G&F_Global_Charter_150709
4	Introduction_of_CGMG_150709

#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 Naoko Tejima at the contact information above.