

## Japan Gases & Facilities Committee Meeting Summary and Minutes

### SEMI Japan Spring 2014 Meetings

Friday, July, 4, 2014, 15:00-17:00

SEMI Japan, Tokyo, Japan

#### Next Committee Meeting

SEMI Japan Standards Winter 2014 Meetings

Tuesday, December 2, 2014, 15:00-17:00

SEMICON Japan 2014, SEMI Japan, Tokyo, Japan

#### Table 1 Meeting Attendees

**Co-Chairs:** 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	ACE	Mihira	Hiroshi
Hitachi Metals Finetech	Ikeuchi	Shintaro	Tokyo Electron Yamanashi	Moriya	Shuji
Flow Techno Service	Ishihara	Seiji	HORIBA STEC	Shimizu	Tetsuo
HORIBA STEC	Isobe	Yasuhiro	MKS Japan	Suzuki	Isao
Fujikin	Machii	Yoshifumi	SEMI Japan	Naoko	Tejima

*\* alphabetical order by last name*

#### Table 2 Leadership Changes

None.

#### Table 3 Ballot Results

None.

#### Table 4 Authorized Ballots

None.

#### Table 5 Authorized Activities

None.

#### Table 6 New Action Items

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>
G+F140704-01	Standardization of Live Gas Flow Rate SG	To hold the seminars inviting speakers from AIST and Mass Flow Manufacturers.

### 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 program membership requirement, antitrust issues, intellectual property issues and international effective meeting guidelines, 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 4, 2014.

**Motion:** To approve the minutes of the previous meeting as written.  
**By / 2<sup>nd</sup>:** Hiroshi Mihira (ACE) / Seiji Ishihara, (Flow Techno Service)  
**Discussion:** None  
**Vote:** 8 in favor and 0 opposed. **Motion passed.**

**Attachment:** 01\_JA\_G+F\_Previous\_Mtg\_Minutes\_140704

## 4 SEMI Staff Report

Naoko Tejima gave the SEMI staff report. This report included SEMI Global 2014 Calendar of Events, Global Standards Meeting Schedule, SEMI Standards Meetings Schedule during SEMICON West 2014, Critical Dates for SEMI Standards Ballots, SEMI Standards Publications, A&R Ballot Review Report, Change of SEMI Japan President and Contact Information.

**Attachment:** 02\_SEMI\_Staff\_Report\_140704

## 5 Liaison Reports

### 5.1 North America Facilities and Gases Committee

Naoko Tejima briefly reported for the North America Facilities and Gases Committee. Facilities Committee report included Leadership, Current Committee Organization, Meeting Information, Ballots for Review at the Next Committee Meeting, Task Force Reports. Gases Committee report included Leadership, Current Committee Organization, Meeting Information, Leadership Change, New Activities, Ballot Review Summary, Ballots for Review at the Next Committee Meeting, Task Force Reports and Contact Information.

**Attachment:** 03\_NA\_Facilities\_and\_Gases\_Report\_June2014\_140704

### 5.2 Europe Gases and Liquid Chemicals Committee

Naoko Tejima briefly reported for the Europe Gases & Liquid Chemicals Committee. This report included Leadership, Current Committee Organization, Meeting Information, Ballot Results from Oct 2013 TC Meeting, New SNARFs from Oct 2013 TC Meeting, Existing SNARFs, Upcoming Ballots for 2014, Task Force Reports and Contact Information.

**Attachment:** 04\_EU\_Gases\_&\_Liquid\_Chemical\_Report\_June2014\_140704

### 5.3 Korea Facilities Committee

No report was provided.

## 6 Task Force Reports

### 6.1 F1 Revision Task Force

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

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

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

### 6.3 5-year-review Task Force

Yoshifumi Machii reported for the 5-year-review Task Force that there were not particular activities. SEMI staff reported there are not any documents for 5-year-review procedure until 2015.

**Attachment:** 05\_5years\_Review\_140704

### 6.4 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:

- Shared and discussed the result of the survey about calibration of Live Gas Flow Rate which was made in April to Mass Flow Manufacturers.
- SG started to resurvey about calibration of Live Gas Flow Rate to Mass Flow Manufacturers, focusing on the item which could be candidates to be standardized.
- MKS Japan were invited to discuss latest calibration capability as an action. AIST other will be involved at next meeting.

**Action Item:** SG to hold a seminar inviting speakers from AIST and Mass Flow Manufacturers.

**Attachment:** 06\_Standardization\_of\_Live\_Gas\_Flow\_Rate\_SG\_Report\_140704

## 7 Old Business

### 7.1 Previous Meeting Action Items

Naoko Tejima reviewed the previous meeting action items.

**Table 7** Previous Meeting Actions Items

Item #	Assigned to	Details
G+F140404-01	SEMI staff	To forward adjudication result of Doc.#5636 to the ISC A&R Subcommittee for procedural review. ... <b>Close</b>
G+F140404-02	SEMI staff	To contact with the negative voter and to explain the ballot review result of the Task Force and the Committee. (Doc.#5636) ... <b>Close</b>
G+F140404-03	SEMI Staff	To check whether there are some documents for 5-year-review procedure.
G+F140404-04	Standardization of Live Gas Flow Rate SG	To survey about the ideal way to measure the Live Gas Flow Rate to the Mass Flow Manufacturers. ... <b>Close</b>
G+F140404-05	Standardization of Live Gas Flow Rate SG	To make the meeting minutes in English to share the information with the Facilities and Gases NA TC Chapter. ... <b>Close</b>
G+F140404-06	SEMI Staff	To inform to the Facilities and Gases NA TC Chapter to stop the discussion about the standardization of the specific heat value and the calibration conditions with SG meeting minutes. ... <b>Close</b>
G+F140404-01	SEMI staff	To forward adjudication result of Doc.#5636 to the ISC A&R Subcommittee for procedural review. ... <b>Close</b>

## 8 New Business

None.

## 9 Action Item Review

### 9.1 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.

## 10 Next Meeting and Adjournment

The next meeting of the Japan Gases & Facilities Committee is scheduled for Tuesday, December 2, 2014, 15:00-17:00, at SEMI Japan, Tokyo, Japan. Prior to the Committee meeting, Standardization of Live Gas Flow Rate SG will be held on the same day.

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

Minutes approved by:

Hiromichi Enami (Hitachi High Technologies), Co-chairs	October 31, 2014
Isao Suzuki (MKS Japan), Co-chairs	October 31, 2014

**Table 8 Index of Available Attachments #1**

#	<i>Title</i>
1	JA_G+F_Previous_Mtg_Minutes_140704
2	SEMI_Staff_Report_140704
3	NA_Facilities_and_Gases_Report_June2014_140704
4	Ballot_Report_for_5686_140404
5	EU_Gases_&_Liquid_Chemical_Report_June2014_140704
6	Standardization_of_Live_Gas_Flow_Rate_SG_Report_140704

#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.