

Japan Gases & Facilities Committee Meeting Summary and Minutes

SEMI Japan Standards Spring 2013 Meetings
Friday, March 22, 2013, 15:00-17:00
SEMI Japan, Tokyo, Japan

Next Committee Meeting

SEMI Japan Standards Summer 2013 Meetings
Friday, June 28, 2013, 15:00-17:00
SEMI Japan, Tokyo, Japan

Table 1 Meeting Attendees

Co-Chair: 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> |
|---------------------|-------------|--------------|-------------------|-------------|--------------|
| Swagelok | Ishida | Noritsugu | Tohoku University | Shirai | Yasuyuki |
| Flow Techno Service | Ishihara | Seiji | MKS Japan | Suzuki | Isao |
| Fujikin | Machii | Yoshifumi | SEMI Japan | Naoko | Tejima |
| HORIBA STEC | Shimizu | Tetsuo | | | |

** 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+F121205-03 | Noritsugu Ishida | To ask ASME to contact SEMI staff, if they need to revise the existing SEMI standards documents or to develop the new SEMI standards documents. |
| G+F130322-01 | SEMI | To check the question about the export restriction of US technologies by US government from Isao Suzuki. (See 4) |
| G+F130322-02 | SEMI | To check whether there are some documents for 5-year-review procedure. |
| G+F130322-03 | Isao Suzuki | To ask Hiromichi Enami to make a summary of the proposal regarding the small particles in the gas components and systems so that it will be distributed with the next committee meeting agenda. |
| G+F130322-04 | SEMI | To check whether there are the development of the documents (new, revised or reappraisal) regarding the small particles in the gas components and systems. |

1 Welcome, Reminders and Introductions

Isao Suzuki, 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 December 5, 2012.

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

By / 2nd: Seiji Isihara (Flow Techno Service) / Noritsugu Ishida, (Swagelok)

Discussion: None

Vote: 4 in favor and 0 opposed. **Motion passed.**

Attachment: 01_JA_G+F_Previous_Mtg_Minutes_130322

4 SEMI Staff Report

Naoko Tejima gave the SEMI staff report. This report included SEMI Global 2013 Calendar of Events, NA Standards Spring 2013 Meetings, 2013 Critical Dates for SEMI Standards Ballots, SEMI Standards Publication, ISC Audits & Reviews SC Summary, New Standards Ballot and Membership Systems, New Ballot Formatting Templates, Style Manual and Compilation of Terms, Revised SEMI Regulations & Procedure Guide and Contact Information.

Isao Suzuki asked as follows; when the topics about the export restriction of US technologies by US government come up for discussion at the standards meeting, how are they handled? Is it defined in SEMI Standards Regulations?

Action Item: SEMI to check the above questions form Isao Suzuki.

Attachment: 02_SEMI_Staff_Report_130322

5 Liaison Reports

5.1 North America Facilities and Gases Committee

Naoko Tejima briefly reported for the North America Facilities and Gases Committee. This report included Leadership, Current Committee Organization, Meeting Information, New SNARFs, Ballot Results Summary, Upcoming Ballots for Cycle 1 & 2, 2013 and Committee and Task Force Activities Highlights.

Attachment: 03_NA_Facilities_and_Gases_Comm_Report_130322

5.2 Europe Gases and Liquid Chemicals Committee

Naoko Tejima briefly reported for the Europe Gases and Liquid Chemicals Committee. This report included Leadership, Committee Organization, Meeting Information, Ballot Results from Oct 2012 TC Meeting, New SNARFs from Oct 2012 TC Meeting, Existing SNARFs, Upcoming Ballots for 2013 and Task Force Updates.

Attachment: 04_EU_Gases_and_Liquid_Chemicals_Comm_Report_130322

5.3 Korea Facilities Committee

Naoko Tejima reported for the Korea Facilities Committee. This report included Leadership, Organization Chart, Meeting Information, Ballot Results and Task Force Updates.

Attachment: 05_KR_Facilities_Comm_Report_130322

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

Yoshifumi Machii 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.

Action Item: SEMI to check whether there are some documents for 5-year-review procedure.

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+F121205-01 | SEMI Staff | To check whether or not "Ethernet" should be "EtherCAT" in the Mass Flow TF report to NA TF ... Closed |
| G+F121205-02 | SEMI Staff | To forward adjudication result of Doc.5490 to the ISC A&R Subcommittee for procedural review ... Closed |
| G+F121205-03 | Noritsugu Ishida | To ask ASME to contact SEMI staff, if they need to revise the existing SEMI standards documents or to develop the new SEMI standards documents ... Open |

8 New Business

8.1 Discussion on the measurement of the small particles in the gas components and systems

At the previous committee meeting (Dec. 5), Hiromichi Enami proposed that the measurement of the small particles in the gas components and systems should be discussed again. Isao Suzuki explained the background of this proposal, and these themes should be discussed along with the progress technologies, although they have not been discussed for a long time.

Since the original proposer was not attend, the brainstorming was done, reviewing the following standards documents. This agenda was laid over to the next committee meeting.

- SEMI F28-1103 (Reapproved 0710) Test Method for Measuring Particle Generation from Process Panels
- SEMI F54-1000 (Reapproved 1110) Test Method for Measuring the Counting Efficiency of Condensation Nucleus Counters

Action Item: Isao Suzuki to ask Hiromichi Enami to make a summary of the proposal so that it will be distributed with the next committee meeting agenda.

Action Item: SEMI to check whether there are the development of the documents (new, revised or reapproval) regarding the small particles in the gas components and systems.

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 Friday, June 28, 2013, 15:00-17:00, at SEMI Japan, Tokyo, Japan.



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

Minutes approved by:

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|-----------------------------------|-------------|
| Isao Suzuki (MKS Japan), Co-chair | May 7, 2013 |
|-----------------------------------|-------------|

Table 8 Index of Available Attachments #1

| # | <i>Title</i> |
|---|--|
| 1 | JA_G+F_Previous_Mtg_Minutes_130322 |
| 2 | SEMI_Staff_Report_130322 |
| 3 | NA_Facilities_and_Gases_Comm_Report_130322 |
| 4 | EU_Gases_and_Liquid_Chemicals_Comm_Report_130322 |
| 5 | KR_Facilities_Comm_Report_130322 |

#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 Naoko Tejima at the contact information above.