TC Chapter Announcements

Gases Japan TC Chapter:
SEMI Japan Standards Spring 2017 Meetings
Friday, March 24, 2017, 15:00-17:00
SEMI Japan, Tokyo, Japan

Facilities Japan TC Chapter:
SEMI Japan Standards Spring 2017 Meetings
Friday, March 24, 2017, 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)

<table>
<thead>
<tr>
<th>Company</th>
<th>Last</th>
<th>First</th>
<th>Company</th>
<th>Last</th>
<th>First</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hitachi High Technologies</td>
<td>Enami</td>
<td>Hiromichi</td>
<td>Fujikin</td>
<td>Machii</td>
<td>Yoshifumi</td>
</tr>
<tr>
<td>Tri Chemical Laboratories Inc.</td>
<td>Hiraki</td>
<td>Tadaaki</td>
<td>Tokyo Electron Yamanashi</td>
<td>Moriya</td>
<td>Shuji</td>
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<tr>
<td>Fujikin</td>
<td>Hirose</td>
<td>Takashi</td>
<td>Tokyo Electron Tohoku</td>
<td>Okabe</td>
<td>Tsuneyuki</td>
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<tr>
<td>Flow Techno Service</td>
<td>Ishihara</td>
<td>Seiji</td>
<td>HORIBA STEC</td>
<td>Shimizu</td>
<td>Tetsuo</td>
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<td>HORIBA STEC</td>
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<td>Yasuhiro</td>
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<td>Suzuki</td>
<td>Isao</td>
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<td>Fujikin</td>
<td>Kitano</td>
<td>Masashi</td>
<td>SEMI Japan</td>
<td>Naoko</td>
<td>Tejima</td>
</tr>
</tbody>
</table>

*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 Activities
Gases Japan TC Chapter
None.

Facilities Japan TC Chapter
None.

NOTE 1: SNARFs and TFOFs are available for review on the SEMI Web site at:
http://downloads.semi.org/web/wstdsbal.nsf/TFOFSNARF

Table 5 Authorized Ballots
Gases Japan TC Chapter
None.

Facilities Japan TC Chapter
None.

Table 6 New Action Items
Gases Japan TC Chapter
None.

Facilities Japan TC Chapter
None.

Table 7 Previous Meeting Action Items
Gases Japan TC Chapter

<table>
<thead>
<tr>
<th>Item #</th>
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Facilities Japan TC Chapter
None.

[Common Part 1]

1 Welcome, Reminders, and Introductions
Hiromichi Enami, committee co-chair, called the meeting to order at 13:00. The meeting reminders on antitrust issues, intellectual property issues and holding meetings with international attendance were reviewed. Attendees introduced themselves.

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: 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_161213
3 SEMI Staff Report
Attachment: 02_SEMI_Staff_Report_161213

4 Liaison Reports
4.1 Facilities North America TC Chapter
Naoko Tejima reported for the Facilities North America TC Chapter. This report included Leadership, Current Committee Organization, Meeting Information, New Task Force Formed, Task Force Reports and Contact Information
Attachment: 03_NA_F+G_Liaison_Report_161213

4.2 Gases North America TC Chapter
Naoko Tejima reported for the Gases North America TC Chapter. This report included Leadership, Current Committee Organization, Meeting Information, Ballot Review Summary, Authorized Activities/Upcoming Ballots, Task Force Reports and Contact Information.
Attachment: 03_NA_F+G_Liaison_Report_161213

4.3 Gases Europe TC Chapter Report
Naoko Tejima reported for the Gases EU TC Chapter. This report included Leadership, Current Committee Organization, Meeting Information, Presentation at Europa 2016 Meeting and Contact Information.
Attachment: 04_EU_G+L_Liaison_Report_161213

4.4 Facilities Korea TC Chapter Report
No report was provided.

[Gases Japan TC Chapter Part]
5 Subcommittee and Task Force Reports
5.1 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.

5.2 5-year-review Task Force
Yoshifumi Machii reported for the 5-year-review Task Force that there were not particular activities.

5.3 Live Gas Flow Rate Task Force
Tetsuo Shimizu reported for the Live Gas Flow Rate Task Force. The Task Force met earlier in the day. Of note:
- Doing a round-robin test between MFC makers with critical nozzle. It was started from November and the first company (Fujikin) test was finished and the second (Kofloc) one has been started.
- It will have been finished in next March.
Attachment: 05_Progress_Report_of_Round-robin_Test_161213

6 Old Business
6.1 Previous Meeting Action Items
Naoko Tejima reviewed the previous meeting action items.

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7 New Business
None.

[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 9 Previous Meeting Actions Items

None.

10 New Business

None.

[Common Part 2]

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, March 24, 2017, 15:00-17:00, SEMI Japan, Tokyo, Japan.

The next meeting of the Facilities Japan TC Chapter is scheduled for Friday, March 24, 2017, 15:00-17:00, 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 15:00.
Respectfully submitted by:
Naoko Tejima
Manager, Standards
SEMI Japan
Phone: +81.3.3222.5804
Email: ntejima@semi.org

Minutes approved by:

<table>
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<tr>
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### Table 10 Index of Available Attachments #1

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#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.