

Korea Facilities Committee Meeting Summary and Minutes

Wednesday 20 June 2012, 14:00 – 16:00
#4005, SEMI Korea Office, Seoul, Korea

Next Committee Meeting

Wednesday 30 January 2013, 14:00 – 17:00 <KST>
SEMICON Korea 2013
#304, Conference Center (South), Coex, Seoul

Committee Announcements

None

Table 1 Meeting Attendees

Co-Chairs: InSoo Cho (Shinsung ENG), Kwang Sun Kim (Korea University of Technology and Education, KUT)

SEMI Staff: Natalie Shim

<i>Company</i>	<i>Last</i>	<i>First</i>	<i>Company</i>	<i>Last</i>	<i>First</i>
Hanyang University	Ahn	Kang-Ho	Shinsung ENG	Cho	InSoo
Samsung Electronics	Park	Seokhee	KUT	Kim	Kwang Sun

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>
KR20121019-1	Natalie Shim	Check Kangho Ahn's membership status
KR20121019-2	Natalie Shim	Update NA BIM TF Fall meeting result to the members

Table 7 Old Action Items

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>	<i>Status</i>
KR20110921-2	Natalie Shim	List up Gas/Chemical companies in Korea.	Completed
KR20110921-3	Natalie Shim	Prepare the Gas/Chemical committee scope and published standards lists and conduct a survey to the Gas/Chemical companies in Korea to define industrial needs for future standardization activities.	Withdrawal
KR20120620-1	Natalie Shim	Some members request to check their member status since they've not receiving any e-mails from SEMI.	On-going

Item #	Assigned to	Details	Status
KR20120620-2	All	Continue to discuss how to evaluate standardization needs in various areas such as materials.	On-going

1 Welcome, Reminders, and Introductions

Insoo Cho (Shinsung ENG) called the meeting to order at 14:00. After welcoming all attendees, a round of introductions followed. The SEMI meeting reminders on membership requirements, antitrust, patentable technology, and meeting guidelines were then presented and explained.

Attachment: 01, SEMI Standards Required Meeting Elements

2 Review of Previous Meeting Minutes

The committee reviewed the minutes of the previous meeting and approved it.

Motion: Approve the previous minutes as written

By / 2nd: Kang-Ho Ahn (Hanyang University)/ Kwang Sun Kim (KUT)

Discussion: None

Vote: 3-0, motion carried

Attachment: 02, Previous Meeting Minutes

3 Liaison Reports

3.1 Japan Gas & Facilities Committee

Natalie Shim (SEMI) presented the Japan Gas & Facilities committee liaison report. Of note:

- Meeting Information
 - Last Meeting: September 20, 2012 at SEMI Japan office, Tokyo, Japan
 - Next Meeting: December 5, 2012 in conjunction with SEMICON Japan at Makuhari Messe, Chiba, Japan
- Ballot Review Results
 - None
- Ballot Plan
 - Doc.XXXX, Reapproval of SEMI F102-0306, Guide for Selecting Specifications for Dimension of Components for Surface Mount Gas Distribution Systems at cycle 7, 2012
- Task Force Reports
 - F1 Revision Task Force
 - SEMI F1-0812, Specification for Leak Integrity of High-Purity Gas Piping Systems and Components was published and will be translated into Japanese.
 - Gas Panel Task Force
 - No update
 - 5-year-review TF
 - SEMI F82 through F95, and F106 have been proofed and will be published in October.
 - Drafting SEMI F102-0306 reapproval document for cycle 7.

Attachment: 03, Japan G+F Committee Liaison Report

3.2 North America Facilities & Gases Committee

Natalie Shim (SEMI) presented the NA Facilities & Gases Committee liaison report. Of note:

- Meeting information
 - Last Meeting: July 10, 2012 at San Francisco Marriot Marquis, CA
 - Next meeting: October 30, 2012 at SEMI HQ in San Jose, CA
- Ballot Review Results
 - Passed Ballots
 - Doc. #5244A, Revision of SEMI F21-1102, Classification of Airborne Molecular Contaminant Levels in Clean Environments – **Failed** and to be reballoted
 - Doc. #5407, Revision to SEMI E52-0611, Practice for Referencing Gases, Gas Mixtures, and Vaporizable Materials Used in Digital Mass Flow Controllers – **Passed** as balloted
- Ballot Plan
 - Cycle 5 and 6, 2012
 - Doc. #5244B - Revision of SEMI F21-1102, Classification of Airborne Molecular Contaminant Levels in Clean Environments
 - Doc #5443, Revision of SEMI C3-0812, Specifications for Gases
- Task Force Reports (Facilities related only)
 - F47 Revision Task Force
 - F47 requires that tools be immune to voltage sags that commonly occur on AC power grids.
 - F47-0706 reapproved and published.
 - F51 Revision Task Force
 - Drafting doc. 5080, Revision of SEMI F51-0200 - Guide for Elastometric Sealing Technology
 - Building Information Modeling (BIM) for Semiconductor Capital Equipment TF
 - A 3-D model will work with multiple different software applications and needs to reflect true dimensions of the semiconductor fabrication tool with its location and interface point.
 - Drafting doc. 5155, Guide for Building Information Modeling (BIM) for Semiconductor Capital Equipment
 - Minutes posted on <https://sites.google.com/a/semi.org/bim-tf/>

* Since there's no gas committee related activities in Korea, details are not included in this minutes but the information can be found at the attachment 04.

Attachment: 04, NA G+F Committee Liaison Report

3.3 SEMI Staff Report

Natalie Shim gave the SEMI Standards Staff Report. The key items were as follows:

- 2012 Highlights
 - 14 450mm-related Standards now published, 12 more in progress

- First 3DS-IC standards expected by end of year
- 33 PV Standards now published
- China PV Committee formed
- First HB-LED ballots issued in early 2012, first standards expected by end of year
- June 2012 Standards Publications
 - New Standards:3
 - Revised Standards: 5
 - Reapproved Standards: 0
 - Withdrawn Standards: 0
 - Total SEMI Standards in portfolio: 845
- Membership Update
 - Total Global Program Members: 4,367
 - The largest committee by Global TC members: PV
- Upcoming Event
 - SEMICON Korea 2013 : Jan 29 (Wed) – Feb 1 (Fri), 3 days
 - 3 meetings and 2 Standards related programs
 - Meetings: Facilities Committee/ I&C Committee/ FPD Metrology Committee
 - Programs: GEM · SECS STEP/ 450mm STEP

Attachment: 05, SEMI Standards Staff Report

4 Ballot Review

No ballot reviewed

5 Subcommittee & Task Force Reports

5.1 Equipment Cleanness Task Force

Kang-Ho Ahn reported for the Equipment Cleanness Task Force activity. It is verbally reported so written report does not exist.

- Two documents are expected to be issued at cycle 7
 - Last Meeting: Feb 9, 2012 at SEMI Korea office, Seoul, Korea
 - Next Meeting: August 17, 2012 at SEMI Korea office, Seoul, Korea

6 Old Business

None

7 New Business

The committee reviewed NA BIM TF activity and noticed the activity is important. The committee will wait upcoming NA BIM TF meeting result for more information.



8 Action Item Review

8.1 Open Action Items

None

8.2 New Action Items

Natalie Shim reviewed the new action item. It can be found in the New Action Items table at the beginning of the minutes.

9 Next Meeting and Adjournment

The next meeting of the Korea Facilities committee is scheduled for January 30, 2013 in conjunction with SEMICON Korea at Coex, Seoul, Korea.



Respectfully submitted by:
Natalie Shim
Standards Coordinator
SEMI Korea
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Minutes approved by:

InSoo Cho (Shinsung ENG), Co-chair	<Date approved>
Kwang Sun Kim (KUT), Co-chair	<Date approved>

Table 8 Index of Available Attachments #1

#	<i>Title</i>	#	<i>Title</i>
01	SEMI Standards Required Meeting Elements	04	NA G+F committee liaison report
02	Previous meeting minutes	05	SEMI Standards staff report
03	Japan G+F committee liaison report		

#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.