



Facilities & Gases Joint North America TC Chapter

NA Standards Fall Meetings 2019

Tuesday, November 5

SEMI Headquarters, Milpitas, California

09:00–12:00 Noon

AGENDA

	Time
1 Welcome/Call to Order	09:00
1.1 Introductions	
1.2 Required Elements (Membership Requirements, Antitrust and Intellectual Property Reminders, and Effective Meeting Guidelines)	
1.3 Agenda Review	
2 Review of Previous Meeting Minutes	09:10
3 Liaison Report	09:15
3.1 Japan TC Chapter	
3.2 Europe TC Chapter (<i>no update</i>)	
3.3 Korea TC Chapter (<i>no update</i>)	
4 Staff Report	09:20
5 Task Force Reports & Ballot Review (if any)	09:30
<i>Facilities</i>	
5.1 Building Information Modeling (BIM) for Semiconductor Capital Equipment	
5.1.1 Task Force Report	
5.2 Voltage Sag Immunity (<i>Did not meet</i>)	
<i>Gases</i>	
5.3 Materials of Construction of Gas Delivery Systems	
5.3.1 Task Force Report	
5.3.2 Ballot Review (<i>None</i>)	
5.4 Filters and Purifiers	
5.4.1 Task Force Report	

5.4.2 Ballot Review

- Document 6290C — New Standard: Test Method for the Determination of Organic Contaminants Present on Wetted Surfaces of Ultra High Purity Chemical Delivery Systems and Components
- Document 6291C — New Standard: Test Method for the Determination of Metallic Elements Present on Wetted Surfaces of Ultra High Purity Chemical Delivery Systems and Components
- Document 6441A — Revision to add a New Subordinate Standard, Test Method for Determination of Particle Contribution of Gas Delivery System and its Components through Dynamic (Pulse) Testing, to SEMI F70-0611 (Reapproved 0517), Test Method for Determination of Particle Contribution of Gas Delivery System
- Document 6457 — Revision to SEMI F38-0699, Test Method for Efficiency Qualification of Point-of-Use Gas Filters
- Document 6477 — Revision to SEMI F112-0613 Test Method for Determination of Moisture Dry Down Characteristics of Surface Mounted and Conventional Gas Delivery Systems by Cavity Ring Down Spectroscopy (CRDS)

Break (15 Minutes)

10:30

5.5 Mass Flow Controller

10:45

5.5.1 Task Force Report

5.5.2 Ballot Review (*None*)

5.6 Gases Specification (*Did not meet*)

5.6.1 Ballot Review

- Document 6492A — Line Item Revision to SEMI C3.32-0614, Specification for Chlorine (Cl₂), 99.996% Quality
- Document 6493A — Line Item Revision to SEMI C3.37-0614, Specification for Hexafluoroethane (C₂F₆), 99.97% Quality

5.7 Heater Jacket Task

5.7.1 Task Force Report

5.7.2 Ballot Review (*None*)

6 Old Business

11:15

6.1 Standards due for Five-Year Review

6.2 Old SNARFs or TFOFs (if any)

6.2.1 SNARFs to Abandon (Doc 6037)

6.2.2 SNARFs to Abolish (Doc 5155, 6313)

6.2.3 Task Forces to send to Inactive Status (Power Grid Harmonics)



Time

7 New Business

11:30

7.1 New SNARF(s)

8 Action Item Review

11:40

8.1 Open Action Items

<i>Item #</i>	<i>Assigned to</i>	<i>Details</i>
2019Apr#04	Laura/James	Communicate helium shortage to SEMI Executives. Ongoing.

8.2 New Action Items

9 Next Meeting and Adjournment

11:50

9.1 The next meeting is scheduled for Tuesday, March 31, in conjunction with the NA Standards Spring 2020 Meetings at SEMI Headquarters in Milpitas, California.

Tentative Schedule:

Monday, March 30

Gases Task Force Meetings

09:00-10:00 Materials of Construction of Gas Delivery Systems (TF)

10:00-11:00 Filters and Purifiers (TF)

11:00-12:00 Mass Flow Controller (TF)

13:00-14:00 Gas Specification (TF)

14:00-15:00 Heater Jacket (TF)Thank you

Facilities Task Force Meetings

TBD Building Information Modeling (BIM) for Semiconductor Capital Equipment (TF)

TBD Voltage Sag Immunity (TF)

Tuesday, March 31

09:00-12:00 Facilities & Gases (C)

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