



Facilities & Gases Joint North America TC Chapter

NA Standards Spring Meeting 2022

Tuesday, March 29

09:00–12:00 Noon (Pacific) Hybrid

AGENDA

	Time
1 Welcome/Call to Order	09:00
1.1 Log into svm.semi.org for voting	
1.2 Required Elements (Membership Requirements, Antitrust and Intellectual Property Reminders, and Effective Meeting Guidelines)	
1.3 Agenda Review	
1.4 Introductions	
2 Review of Previous Meeting Minutes	09:15
3 Liaison Report	09:20
3.1 Japan TC Chapter (<i>no update since SEMICON West, next meeting is May 13, 2022</i>)	
3.2 Korea TC Chapter (<i>no update</i>)	
4 Staff Report	09:20
5 Gases Ballot Review	09:25
5.1 Document 6874 — Reapproval of SEMI F79-0914, Guide for Gas Compatibility with Silicon Used in Gas Distribution Components	
5.2 Document 6875 – Reapproval of SEMI F105-0914, Guide for Metallic Material Compatibility in Gas Distribution Systems	
5.3 Document 6876 – Reapproval of SEMI F60-1214, Test Method for ESCA Evaluation of Surface Composition of Wetted Surfaces of Passivated 316L Stainless Steel Components	
5.4 Document 6877 – Reapproval of SEMI F73-1214, Test Method for Scanning Electron Microscopy (SEM) Evaluation of Wetted Surface Condition of Stainless Steel Components	
5.5 Document 6878 – Reapproval of SEMI E77-1104 (Reapproved 0815), Test Method for Calculation of Conversion Factors for a Mass Flow Controller Using Surrogate Gases	
5.6 Document 6879 – Reapproval of SEMI F77-0915, Test Method for Electrochemical Critical Pitting Temperature Testing of Stainless Steel Surfaces Used in Corrosive Gas Systems	
5.7 Document 6880 – Reapproval of SEMI E80-0299 (Reapproved 0915), Test Method for Determining Attitude Sensitivity of Mass Flow Controllers (Mounting Position)	
5.8 Document 6881 – Reapproval of SEMI C3.34-0116, Specification for Disilane (Si ₂ H ₆) in Cylinders, 97% Quality	
5.9 Document 6882 – Reapproval of SEMI C3.12-0116, Specification for Ammonia (NH ₃) in Cylinders, 99.998% Quality	



	Time
6 Break (10 minutes)	10:20
7 Facilities Task Force Reports	10:30
7.1 Building Information Modeling (BIM) for Semiconductor Capital Equipment Task Force	
7.2 Voltage Sag Immunity Task Force (<i>did not meet – report provided by TF Leader</i>)	
8 Gases Task Force Reports	10:50
8.1 Materials of Construction of Gas Delivery Systems Task Force	
8.2 Filters and Purifiers Task Force (<i>did not meet</i>)	
8.3 Mass Flow Controller Task Force	
8.4 Gases Specification Task Force (<i>did not meet</i>)	
8.5 Heater Jacket Task Force	
9 Old Business	11:20
9.1 SNARF Extension(s) and Ballot Authorization(s)	
• SNARF 6394 – SEMI F74	
• SNARF 6510 – SEMI F32	
9.2 Document R6582A — New Standard: Test Method for the Electrochemical Critical Pitting Voltage Testing of Stainless Steel Used in Corrosive Gas Systems	
• Ratification Ballot passed ISC A&R SC (March 2022 Cycle)	
10 New Business	11:30
10.1 New SNARF(s) to be approved by TCC	
• Replacement of SEMI F109-0212, Guide for Heater Systems Requirements, as a New Standard: Guide for Material Selection for Heater Systems	
10.2 Publication Change Request (PCR) Form for SEMI C3.34 and C3.12	
11 Action Item Review	11:40
12 Next Meeting and Adjournment	11:50
12.1 The next meeting is tentatively scheduled for the week of July 11-14, in conjunction with SEMICON West 2022. Please check www.semi.org/standards for updates.	

20220325
LNN
v2



North America Standards Spring Meetings Website:

<https://www.semi.org/en/connect/events/north-america-standards-spring-2022-meetings>

NOTE:

Standards meetings are open to all, but you must be a SEMI Standards Program Member to attend.

If you are not a Member, please register for the International SEMI Standards Program here:

<https://www.semi.org/standardsmembership>