

## Filters and Purifiers TF/ Semicon West 2021/Dec 06, 2021

### TF Review notes

#### Document 6813 SEMI F28-1103 (Reapproved 0815)

#### TEST METHOD FOR MEASURING PARTICLE GENERATION FROM PROCESS PANELS

Commenting Author	Reject or Editorial	Comment	TF Chair Comment
Joyce Chen/AMAT	Accept/Editorial	<i>It is better to specify the length of the spool piece in section 6.2.8.</i>	[TF Chair-Saleem]: The definition of spool piece is in 5.2.8. It is intended to replace the DUT. So the length of the spool piece may vary but generally approximate the DUT. Will modify the definition of spool piece to reflect that it is approximately equal to DUT
Eric Sklar/Safety Guru	Reject	<i>1.1, _et seq._: SEMI Style prefers the use of the Document Type (in this case, 'Test Method') to 'Document'.</i>	non-persuasive. Written as is, deemed sufficient
		<i>1.2, _et al._: Change 'particulate' to 'particle', as the former is an adjective, but the usage requires a noun</i>	Editorial, accepted
		<i>2.2: Change 'utilizes' to 'uses'. Strictly speaking, to 'utilize' something is to have it perform some function that is _not_ its intended purpose. For example, I use the stapler on my desk to attach pieces of paper to each other. I utilize the stapler on my desk to keep my ceiling fan from blowing papers off my desk.</i>	Editorial, accepted
		<i>5.1: Move the symbols from this section to a new Section '5.3 Symbols'. [See Style Manual (1-23) and Procedure Manual (A3-9)]</i>	Editorial, accepted
		<i>5.2.2: Correct the case of 'compressed gas association'. Provide the definition that was omitted before the 'also'.</i>	Editorial, accepted Also added a reference to CGA
		<i>5.2.5: Change 'panels' to 'panel'.</i>	Editorial, accepted

**Document 6814 SEMI F43-0308 (Reapproved 0613)****TEST METHOD FOR DETERMINATION OF PARTICLE CONTRIBUTION BY POINT-OF-USE  
GAS PURIFIERS AND GAS FILTERS**

Commenting Author	Reject or Editorial	Comment	TF Chair Comment	SEMI Staff
Joyce Chen/AMAT	Accept/Editorial	<i>It is better to specify the length of the spool piece in section 6.2.8.</i>	[TF Chair-Saleem]: The definition of spool piece is in 5.2.8. It is intended to replace the DUT. So the length of the spool piece may vary but generally approximate the DUT. Will modify the definition of spool piece to reflect that it is approximately equal to DUT	Technical change
Eric Sklar/Safety Guru	Reject	<i>1.1, _et seq._: SEMI Style prefers the use of the Document Type (in this case, 'Test Method') to 'Document'.</i>	Non-persuasive. Written as is deemed sufficient	Type 2 Editorial change Per SM 4-6 (13)
		<i>1.2, _et al._: Change 'particulate' to 'particle', as the former is an adjective, but the usage requires a noun</i>	Editorial, accepted	Type 2 What noun goes here?
		<i>2.2: Change 'utilizes' to 'uses'. Strictly speaking, to 'utilize' something is to have it perform some function that is _not_ its intended purpose. For example, I use the stapler on my desk to attach pieces of paper to each other. I utilize the stapler on my desk to keep my ceiling fan from blowing papers off my desk.</i>	<b>2.2 does not have "utilizes"</b>	Type 2 It's in 2.1
		<i>5.1: Move the symbols from this section to a new Section '5.3 Symbols'. [See Style Manual (1-23) and Procedure Manual (A3-9)]</i>	Editorial, accepted	Incorrect, those stay under Abbreviations and Acronyms. Symbol examples are in the COTs
		<i>5.2.2: Correct the case of 'compressed gas association'. Provide the definition that was omitted before the 'also'.</i>	Editorial, accepted <i>Also added a reference to CGA</i>	
		<i>5.2.7, _et al._: Change 'may' to 'can', as this is a statement of possibility, not permission.</i>	Editorial, accepted	Type 2

**Document 6815** SEMI F59-0302 (Reapproved 0613)  
TEST METHOD FOR DETERMINATION OF FILTER OR GAS SYSTEM FLOW PRESSURE  
DROP CURVES

Commenting Author	Reject or Editorial	Comment	TF Chair Comment
Eric Sklar/Safety Guru	Reject	<i>1.1, _et seq._: SEMI Style prefers the use of the Document Type (in this case, 'Test Method') to 'Document'.</i>	Related-non persuasive
		<i>2.1, 3.1: Reconcile the apparent conflict between 2.1, which states that the performance of housings and cartridges are 'determined separately' and 3.1, which states that one cannot separate the pressure drops of cartridges from the pressure drops of housings.</i>	Delete 3.1, conflict gone
		<i>5.1: Move the symbols from this section to a new Section '5.3 Symbols'. [See Style Manual (1-23) and Procedure Manual (A3-9)]</i>	Editorial, accepted

**Document 6816** SEMI F67-1101 (Reapproved 0713)  
TEST METHOD FOR DETERMINING INERT GAS PURIFIER CAPACITY

Commenting Author	Reject or Editorial	Comment	TF Chair Comment
Eric Sklar/Safety Guru	Reject	1.1, _et seq._: SEMI Style prefers the use of the Document Type (in this case, 'Test Method') to 'Document'.	Related, non-persuasive
		3.2: Correct the misplaced modifier by changing 'can only be used' to 'can be used only'.	Editorial, accepted
		3.2: Remove or explain the assertion that different users can have different results under the same operating conditions. If that's true, it indicates a serious weakness in the test method.	Removed the last sentence to avoid confusion
		3.2, _et al._: Delete 'and/', as 'or' is not exclusive.	Deleted.
		3.4, _et al._: Change 'particulate' to 'particle', as the former is an adjective, but the usage requires a noun.	Editorial, accepted
		5.1: Move the symbols from this section to a new Section '5.3 Symbols'. [See Style Manual (1-23) and Procedure Manual (A3-9)]	Editorial, accepted

**Document 6817 SEMI F68-1101 (Reapproved 0713)**  
**TEST METHOD FOR DETERMINING PURIFIER EFFICIENCY**

Commenting Author	Reject or Editorial	Comment	TF Chair Comment
Eric Sklar/Safety Guru	Reject	1.1, _et seq._: SEMI Style prefers the use of the Document Type (in this case, 'Test Method') to 'Document'.	Related, non-persuasive
		2.1 and 2.2: Make these grammatically correct sentences.	Editorial, accepted
		2.1, _et al._: Insert the missing Oxford comma.	Editorial, accepted
		3.2: Correct the misplaced modifier by changing 'can only be used' to 'can be used only'.	Editorial, see above change.
		3.2: Remove or explain the assertion that different users can have different results under the same operating conditions. If that's true, it indicates a serious weakness in the test method.	Deleted
		3.2, _et al._: Delete 'and/', as 'or' is not exclusive.	Editorial, see above change.
		3.4, _et al._: Change 'particulate' to 'particle', as the former is an adjective, but the usage requires a noun	Editorial, accepted
		5.1: Move the symbols from this section to a new Section '5.3 Symbols'. [See Style Manual (1-23) and Procedure Manual (A3-9)]	Editorial, accepted
Don Mitchell/Air Liquide	Accept w/ comment	Consider correcting apparent typographical error on page 5, Section 6.1.1, third bullet point: 'FLD size indentified' with 'FLD size identified'.	This section does not exist. Commenting author mistaken for something else?