

Record of Letter Ballot Review by TC Chapter for Procedural Review

Region/Locale: **North America**
 Global Technical Committee: **Gases**
 TC Chapter Cochairs: **Mohamed Saleem/Brooks Instrument**
 Standards Staff: **Laura Nguyen**

	Scheduled in Background Statement	Actual
Date	07/11/2017	07/11/2017
Location	San Francisco, CA	San Francisco, CA
Reason for Change of Date and/or Location (if changed)		

Note: See *Regulations* ¶ 9.5 Exception for allowable reason to change.

I. Document Number and Title

Document Number	Document Title
6180	Reapproval of SEMI F64-0701 (Reapproved 1111), Test Method for Determining Pressure Effects on Indicated and Actual Flow for Mass Flow Controllers

II. Tally

Standards staff to fill in.

Voting Tally: **As-cast tally after close of voting period**

Note: A minimum of 60% of the Voting Interests that have TC Members within the global technical committee that issued the Letter Ballot must return Votes. (*Regulations* ¶ 9.7.1.1)

Voting Tally (with example values):

Voting Interest:	Returned Votes		Distribution	=	Return Rate	
Letter Ballot	42	÷	66	=	63.6%	≥60%
Intercommittee Ballot	17					
Voting Interest Reject(s)	0		Total Voters with Rejects		0	
Voting Interest Accept(s)	30					

Note: See *Regulations* § 3.2.1 for definition of Voting Interest.

III. Rejects

None

IV. Other Technical Issues

None

V. Comments

V- (i) Voters' Comments

Commenter 1 (Yanli Chen/UCT) - Comment 1

Comment	<p>1. In the Section 13.6 on page 5, The maximum inboard leak rate (2×10^{-7} atm cc/s He) specified in Section 13.6 does not compile to the leak rate limit specified in Table 1 of SEMI F1. Suggest to correct it.</p> <p>2. In the Section 14.5.5 on page 6, what is the 10x MFC mentioned in this section? Suggest to provide a clear definition.</p> <p>3. In the Section A1 3.2.2.1 on Page 16, missing some words PCA (at 50%FS) = $[51.12 \text{ sccm } 50.01 \text{ sccm}] / [(50.04 \text{ psig } 15.00 \text{ psig } (50 \text{ sccm })) \times 100 = 0.0063\%$ of reading/psi at 50 sccm PCA (at 100%FS) = $[100.56 \text{ sccm } 100.12 \text{ sccm}] / [(50.03 \text{ psig } 15.01 \text{ psig } (100 \text{ sccm })) \times 100 = 0.013\%$ of reading/psi at 100 sccm</p>
	<p>The TC Chapter agreed to do one of the following actions.</p> <p>*No motion is required in this step.</p>
Action	<input type="checkbox"/> Already addressed by Commenter #, Comment #
	<input checked="" type="checkbox"/> No further action was taken by the TC Chapter.
	<input checked="" type="checkbox"/> Refer to the TF for more consideration. The TC decided to pass the document "as balloted" and take in the TF's consideration for a future line item ballot instead.
	<input type="checkbox"/> New Business
	<input type="checkbox"/> Editorial Change

V-(ii) Comments Created by Handling Negative

None

VI. Editorial Changes Other than Those Voted on in § V

None

VII. Approval Conditions Check

VII. - (i). Approval Rate

APPROVAL CONDITION 1: All Negatives have been discussed and were withdrawn, found not related, found not persuasive, or addressed by a technical change. (Regulations ¶ 9.7.1.2)

APPROVAL CONDITION 2: At least 90% of the sum of valid Voting Interest Accept and Voting Interest Reject Votes must be Accept. (Regulations ¶ 9.7.1.3)

Note: If both approval conditions are not satisfied, the Document fails.

		Accepts		(Accepts + Valid Rejects)				
Approval Rate	=	30	/	30	=	100.0%		≥90%

VII. – (ii) Approval Level (check one)

Note: See Regulations § 9.7.2 for further information.

- Globally Approved (No Ratification Ballot needed):**
The Letter Ballot meets the Letter Ballot approval conditions for the global technical committee.
- Need a Ratification Ballot:**
The Letter Ballot meets the Letter Ballot approval conditions for the TC Chapter and a Ratification Ballot will be issued to validate technical changes.

VIII. Safety Check

Note: See Regulations § 15 for further information.

Motion	<input checked="" type="checkbox"/>	This is not a Safety Document , when all safety-related information is removed, the Document is still technically sound and complete. (Regulations ¶ 8.7.1)
	<input type="checkbox"/>	This is a Safety Document , when all safety-related information is removed, the Document is not technically sound and complete. (Regulations ¶ 8.7.2)
	<input type="checkbox"/>	Safety Checklist (Regulations ¶ 15.3) is complete and has been included with the Document throughout the balloting process. (Regulations ¶ 15.1.2)
Motion by/2nd by		Thomas Fritz (WIKA) / Jeff Christian (WIKA)
Discussion		None
Vote		18 Y 0 N; Motion passed.

IX. Intellectual Property (IP) Check

Note: This Letter Ballot may cover all or part of a Standard or Safety Guideline. This IP check applies to the entire Standard or Safety Guideline. See Regulations § 16 for further information.

<input checked="" type="checkbox"/>	The TC Chapter meeting chair asked those participating, if they were aware of any potentially material patented technology or copyrighted items* in the Standard or Guideline. (Regulations ¶ 8.8.1)	
<input checked="" type="checkbox"/>	No potentially material patented technology or reproduction of copyrighted items is known.	GO TO SECTION X.

* Note: Such potentially material patented technology or copyrighted items might have become known since the Standard or Safety Guideline was last reviewed, or might become relevant due to this Letter Ballot.

X. Action for This Document

5th MO	<input checked="" type="checkbox"/>	This Document passed TC Chapter review as balloted and will be forwarded to the ISC A&R SC for procedural review.
Motion by/ 2nd by	Thomas Fritz (WIKA) / Bill Kiikvee (AP Tech)	
Discussion	None	
Vote	18 Y 0 N	
Final Action	<input checked="" type="checkbox"/>	Motion passed
	<input type="checkbox"/>	Motion failed

Standards staff to record the result of the A&R procedural review here:

A&R	<input type="checkbox"/>	Approved for publication
	<input type="checkbox"/>	Approved pending acceptance of the Ratification Ballot
	<input type="checkbox"/>	Not approved
	Reason:	