

# Record of Line-item 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	04/04/2017	04/04/2017
Location	SEMI HQ	SEMI HQ
Reason for Change of Date and/or Location (if changed)		

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

## Document Information

### I. Document Number, Title, Lists of Line Items

Document Number		Document Title
6054A		Line Item Revisions to SEMI E18-0211, Guide for Temperature Specifications of the Mass Flow Controller
List of Line Items	Line Item 1	Line Item Title Modify Terminology Section 4.1.9
	Line Item 2	Line Item Title Modify Terminology Section 4.1.10.1
	Line Item 3	Line Item Title Modify Terminology Section 4.1.10.2
	Line Item 4	Line Item Title Modify Terminology Section 4.1.10.3

## Line Item 1 Adjudication

### II. Tally

**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	39	÷ 63	= 61.90%	≥60%
Intercommittee Ballot	15			
Voting Interest Reject(s)	0	Total Voters with Rejects		0
Voting Interest Accept(s)	18			

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

**III. Rejects**  
None

**IV. Other Technical Issues**  
None

**V. Comments**  
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**APPROVAL CONDITION 1:** All Negatives have been discussed and were withdrawn, found not related, found not persuasive, or addressed by a technical change.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	=	18	/	18	=	100.0%		≥90%	

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

**Note:** See *Regulations § 9.7.2* for further information.

**Globally Approved (No Ratification Ballot needed):**

Line Item 1 meets the Letter Ballot approval conditions for the global technical committee.

**Need a Ratification Ballot:**

Line Item 1 meets the Letter Ballot approval conditions for the TC Chapter and a Ratification Ballot will be issued to validate technical changes.

## Line Item 2 Adjudication

### II. Tally

#### 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	39	÷	63	=	61.90%	≥60%
Intercommittee Ballot	15					
Voting Interest Reject(s)	0		Total Voters with Rejects		0	
Voting Interest Accept(s)	18					

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

### III. Rejects

None

### IV. Other Technical Issues

None

### V. Comments

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	=	18	/	18	=	100.0%		≥90%	

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

Note: See *Regulations* § 9.7.2 for further information.

### Globally Approved (No Ratification Ballot needed):

Line Item 2 meets the Letter Ballot approval conditions for the global technical committee.

### Need a Ratification Ballot:

Line Item 2 meets the Letter Ballot approval conditions for the TC Chapter and a Ratification Ballot will be issued to validate technical changes.

## Line Item 3 Adjudication

## II. Tally

### 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	39	÷ 63	= 61.90%	≥60%
Intercommittee Ballot	15			
Voting Interest Reject(s)	0	Total Voters with Rejects		0
Voting Interest Accept(s)	19			

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 (Joyce Chen / UCT) - Comment 1

Comment	In the section of 4.1.10.2, change "Ambient Temperature" into "ambient temperature". They are editorial error for using capitalization.
Action	The TC Chapter agreed to do one of the following actions.
	*No motion is required in this step.
	<input type="checkbox"/> Already addressed by Commenter #, Comment # <input type="checkbox"/> No further action was taken by the TC Chapter.

		Refer to the TF for more consideration.
		New Business
	X	Editorial Change
	Options for editorial change (check one)	Case 1: No vote in this section: To be included and voted on as a group in § VI. <i>Editorial Changes Other than Those Voted on in § V.</i>
		Case 2: Voted in this section: Original section number and at least one full sentence are required in "FROM" and "TO" fields.
Editorial Changes	1	FROM: Section/Paragraph 4.1.10.2 4.1.10.2 <i>total shift</i> — the change in output, including zero and span, due to a change in <b>Ambient Temperature</b> from one normal operating temperature to a second normal operating temperature while holding within limits of reference operating conditions.
		TO: Section/Paragraph 4.1.10.2 4.1.10.2 <i>total shift</i> — the change in output, including zero and span, due to a change in <b>ambient temperature</b> from one normal operating temperature to a second normal operating temperature while holding within limits of reference operating conditions.
		Justification (If necessary)
Motion	To approve above editorial change(s)	
Motion by/2 <sup>nd</sup> by	Thomas Fritz (WIKA) / Bala Mohammed (AMAT)	
Discussion	None	
Vote	05 Y 0 N; Motion passed.	

## 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

		Accepts		(Accepts + Valid Rejects)					
Approval Rate	=	19	/	19	=	100.0%		≥90%	

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

Note: See *Regulations § 9.7.2* for further information.

X

### Globally Approved (No Ratification Ballot needed):

Line Item 3 meets the Letter Ballot approval conditions for the global technical committee.

### Need a Ratification Ballot:

Line Item 3 meets the Letter Ballot approval conditions for the TC Chapter and a Ratification Ballot will be issued to validate technical changes.

## Line Item 4 Adjudication

## II. Tally

### 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	39	÷	63	=	61.90%	≥60%
Intercommittee Ballot	15					
Voting Interest Reject(s)	0		Total Voters with Rejects			0
Voting Interest Accept(s)	19					

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

## III. Rejects

None

## IV. Other Technical Issues

None

## V. Comments

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	=	19	/	19	=	100.0%	≥90%

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

**Note:** See *Regulations* § 9.7.2 for further information.

- Globally Approved (No Ratification Ballot needed):**  
Line Item 4 meets the Letter Ballot approval conditions for the global technical committee.
- Need a Ratification Ballot:**  
Line Item 4 meets the Letter Ballot approval conditions for the TC Chapter and a Ratification Ballot will be issued to validate technical changes.

## Checks for Entire Document Including All Approved Line Items

## VIII. Safety Check

**Note:** This Safety check applies to the entire Standard or Safety Guideline including all the approved Line Items. See § 15 of the *Regulations* for further information.

Motion	<input checked="" type="checkbox"/>	<b>This is not a Safety Document</b> , when all safety-related information is removed, the Document is still technically sound and complete. ( <i>Regulations</i> ¶ 8.7.1)
	<input type="checkbox"/>	<b>This is a Safety Document</b> , when all safety-related information is removed, the Document is not technically sound and complete. ( <i>Regulations</i> ¶ 8.7.2)
	<input type="checkbox"/>	Safety Checklist ( <i>Regulations</i> ¶ 15.3) is complete and has been included with the Document throughout the balloting process. ( <i>Regulations</i> ¶ 15.1.2)
Motion by/2 <sup>nd</sup> by		Joyce Chen (UCT) / Jeff Christian (WIKa)
Discussion		None
Vote		05 Y 0 N; Motion passed

## IX. Intellectual Property (IP) Check

Note: This IP check applies to the entire Standard or Safety Guideline including all the approved Line Items. See § 16 of the *Regulations* for further information.

<b>X</b>	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. ( <i>Regulations</i> ¶ 8.8.1)	
<b>X</b>	No potentially material patented technology or reproduction of copyrighted items is known.	<b>GO TO SECTION X.</b>

\* 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

<b>Motion (Check all applicable items)</b>	<b>X</b>	Line item(s) [1], [2] and [4] passed TC Chapter review as balloted and will be forwarded to the ISC A&R SC for procedural review.
	<b>X</b>	Line item [3] passed TC Chapter review with editorial changes and will be forwarded to the ISC A&R SC for procedural review.
		Line item(s) [X], [X] and [X] passed TC Chapter review with technical changes and with or without editorial changes and will be forwarded to the ISC A&R SC for procedural review. A Ratification Ballot will be issued to verify the technical changes.
		Line item(s) [X], [X] and [X] failed TC Chapter review and will be returned to the TF for rework.
		Line item(s) [X], [X] and [X] failed TC Chapter review and work will be discontinued.
<b>Motion by/ 2nd by</b>		Jeff Christian (WIKA) / Thomas Fritz (WIKA)
<b>Discussion</b>		None
<b>Vote</b>		05 Y 0 N
<b>Final Action</b>		<b>X</b> Motion passed

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

<b>A&amp;R</b>	<b>X</b>	Line item(s) [1], [2], [3], and [4] are Approved for publication
		Line item(s) [X], [X] and [X] are Approved pending acceptance of the Ratification Ballot
		Line item(s) [X], [X] and [X] are Not approved
	Reason:	