



## STANDARDS NEW ACTIVITY REPORT FORM (SNARF)

Date Prepared: January 10, 2018

Revised (if Applicable):

**Document Number:**

**SNARF for:** Revision to SEMI F56-0600, Test Method for Determining Steady-State Supply Voltage Effects for Mass Flow Controllers

**Originating Global Technical Committee:** Gases

**Originating TC Chapter:** North America

**Task Force (TF) in which work is to be carried out:** Mass Flow Controller Task Force

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**Fax:** (408) 980-0572

Refer to *Procedure Manual* § 2.2.4.2 for more information on properly filling out the SNARF.

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### 1. Rationale:

**a: Describe the need or problem addressed by this activity.**

*(Indicate the customer, what benefits they will receive, and if possible, quantify the impact on the return on investment [ROI] if the Document is implemented.)*

Document 6216 was a reapproval ballot that failed Committee review. SNARF 6216 was abolished at the Fall 2017 meetings and this new SNARF is to be issued to incorporate and address the negatives and comments that were received in Cycle 06-17.

**b: Estimate effect on industry.**

**Check one of the following:**

- 1: Major effect on entire industry or on multiple important industry sectors - identify the relevant sectors
- 2: Major effect on an industry sector - identify the relevant sector
- 3: Major effect on a few companies - identify the relevant companies
- 4: Slight effect or effect not determinable

**c: Estimate technical difficulty of the activity.**

**Check one of the following:**

- I: No Difficulty – Proven concepts and techniques exist or quick agreement is anticipated
  - II: Some Difficulty – Disagreements on known requirements exist, but developing consensus is possible
  - III: Difficult – Limited expertise and resources exist and/or achieving consensus is difficult
  - IV: Extremely Difficult – Expertise and resources are scarce and/or achieving consensus is very difficult
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## 2. Scope:

a: Describe the technical areas to be covered or addressed by this Document development activity. For Subordinate Standards, list common concepts or criteria that the Subordinate Standard inherits from the Primary Standard, as well as differences from the Primary Standard:

Address the negatives as follows:

- Remove the word "thermal" in the scope as this Document applies to all mass flow controllers, not only the "thermal" mass flow controllers.
- Separate the paragraphs for better readability in the Scope section and Limitations section.
- Make the primary units SI.
- Clarify some terms in the Definitions section
- Resolve the conflict between the "safety precaution" not to exceed the rated voltage and the test requirement that the supply voltage be stepped above the nominal value.
- Include steps for testing MFCs that require +24VDC power supply.

### b: Expected result of activity

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- |  |   |
|--|---|
| <input type="checkbox"/> New Standard or Safety Guideline (including replacement of an existing Standard or Safety Guideline)  | <input type="checkbox"/> Reapproval of a Standard or Safety Guideline   |
| <input type="checkbox"/> New Subordinate Standard to an existing Standard or to a new Primary Standard to be developed concurrently with this new Subordinate Standard | <input type="checkbox"/> Removal of a Standard or Safety Guideline  |
| <input type="checkbox"/> New Preliminary Standard  | <input type="checkbox"/> Withdrawal of a Standard or Safety Guideline   |
| <input checked="" type="checkbox"/> Major revision to an existing Standard or Safety Guideline   | <input type="checkbox"/> Reinstatement of a Standard or Safety Guideline  |
| <input type="checkbox"/> Line-item revision to an existing Standard or Safety Guideline  | <input type="checkbox"/> New Auxiliary Information  |
| <input type="checkbox"/> Line-item revision to two or more existing Standards or Safety Guidelines   | <input type="checkbox"/> Modification of existing Auxiliary Information   |
|  | <input type="checkbox"/> Publication of an existing Standard or Safety Guideline as an American National Standard |

For a new Subordinate Standard, identify the Primary Standard here:

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For revision of existing Standard(s) or Safety Guideline(s), identify the Standard(s) or Safety Guideline(s) that are to be revised here: F56, and identify which parts of the Standard(s) or Safety Guideline(s) that are to be revised. (Check all that apply.)

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- |                                     |   |
|-------------------------------------|---|
| <input checked="" type="checkbox"/> | Modification of an existing part of Standard(s) or Safety Guideline(s) including Appendices, Complementary Files, and Supplementary Materials |
| <input type="checkbox"/>            | Addition of one or more Appendices or Complementary Files to an existing Standard or Safety Guideline   |
| <input type="checkbox"/>            | Addition of one or more Related Information sections or Various Materials to an existing Standard or Safety Guideline                         |
| <input type="checkbox"/>            | Revision or addition of one or more Subordinate Standards to an existing Primary Standard   |
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For Standards, identify the Standard Subtype below:

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- |   |  |
|---|--|
| <input type="checkbox"/> Classification         | <input type="checkbox"/> Guide         |
| <input type="checkbox"/> Practice               | <input type="checkbox"/> Specification |
| <input checked="" type="checkbox"/> Test Method | <input type="checkbox"/> Terminology   |

Miscellaneous (describe below)

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### 3. Projected Timetable for Completion:

#### a: General Milestones

- a. Activity Start: 11/ 8 / 2017  
b. 1<sup>st</sup> Draft by: 2 / 9 / 2018  
c. (Optional) Informational Ballot by:  
d. Letter Ballot by: 2/21/2018 – Cycle 2-18  
e: TC Chapter Approval By: 4/10/2018 (Spring 2018)

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### 4. Liaisons with other Global Technical Committees/TC Chapters/Subcommittees/TFs:

a: List global technical committees, TC Chapters, subcommittees, or task forces in your or other Regions/Locales that should be kept informed regarding the progress of this activity. (Refer to SEMI Standards organization charts and global technical committee charters as needed.)

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#### b: Intercommittee Ballots (check one):

- will be issued – identify the recipient global technical committee(s):  
 will not be issued

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### 5. Safety Considerations:

The resulting Document is expected (Check one):

- to be a Safety Guideline  
 NOT to be a Safety Guideline

**NOTE FOR 'to be a Safety Guideline':** When all safety-related information is removed from the Document, the Document is NOT technically sound and complete – Refer to § 15.1 of the *Regulations* for special procedures to be followed.

**NOTE FOR 'NOT to be a Safety Guideline':** When all safety-related information is removed from the Document, the Document is still technically sound and complete.

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### 6. Intellectual Property Considerations:

a: For a new Standard or Safety Guideline and for any part to be modified or added in a Revision of published Standards and Safety Guidelines:

the use of patented technology is NOT required.

patented technology is intended to be included in the proposed Standard(s) or Safety Guideline(s).

(If the second box is checked, check one):

- Letter of Intent received  
 Letter of Intent not received

b: For Revision, Reapproval, Reinstatement, or Withdrawal of existing Standard(s) and Safety Guideline(s):

there is no known material patented technology necessary to use or implement the Standard(s) and Safety Guideline(s)

there is previously known material patented technology necessary to use or implement the Standard(s) and Safety Guideline(s)

c: The body of the Document and any Appendices, Complementary Files, Related Information sections, or Various Materials that may or may not be a part of the Document by reference (Check one):

- will include reproduced copyrighted material
- will NOT include reproduced copyrighted material

**NOTE FOR 'the use of patented technology or a copyrighted item(s) is NOT required':** If in the course of developing the Document, patented technology or copyrighted item(s) must be used to comply with the Document, the provisions of *Regulations* § 16 must be followed.

**NOTE FOR 'will include reproduced copyrighted material':** A copyright release letter must be obtained from the copyright owner.

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## 7. Comments, Special Circumstances:

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### 8. TC Member Review (Check one):

- took place between (*put dates here: MM/DD/YYYY and MM/DD/YYYY*) before approval at the TC Chapter Meeting, or
- took place between (*put dates here: 01/10/2018 and 01/23/2018*) before approval by the GCS, or
- is not required for this SNARF.

**NOTE FOR 'TC Member Review':** A TC Member Review is required by the *Regulations* for a period of at least two weeks before approval of a new, or a major revision of an existing, Standard or Safety Guideline. (See *Regulations* ¶ 8.2.1)

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### 9. Approval Dates:

TC Chapter or GCS:

Recorded in TC Chapter Minutes:

If you do not have email capability, you may fax this form to the nearest SEMI office:

SEMI HQ: 1.408.943.7943  
Europe: 32.2.416.6448  
Japan: 81.3.3222.5757  
Korea: 82.2.551.3406  
North America: 1.408.943.7943  
Taiwan: 886.3.573.3355