Record of Ratification Ballot Results for Procedural Review

Region/Locale: North America
Global Primary Technical Committee: EH&S
Advisory Global Technical Committee(s): Liquid Chemicals, Gases
TC Chapter Cochairs: Sean Larsen/KLA, Chris Evanston/Salus, Lucian Girlea/Nikon, Eric Sklar/Safety Guru
Standards Staff: Kevin Nguyen

I. Document Number and Title

Document Number	Document Title
R7411A	Line-Item Revision of SEMI S30-0824, Safety Guideline for Use of Energetic Materials in Semiconductor R&D and Manufacturing Processes • Line Item 1 - Revision of §15

II. Tally

Standards staff to fill in.

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

Note 1: Only TC Members of the Primary Global Technical Committee (GTC) or Advisory GTC who are registered on the issue date of the Letter Ballot for which the Ratification Ballot is issued are eligible to vote on the Ratification Ballot. (*Regulations* ¶ 10.3)

Note 2: The total number of Primary GTC Voting Interest Votes that are recorded as Approve per *Regulations* ¶ 10.5.1.2 shall be equal to or greater than 30% of the Primary GTC Voting Interests that have at least one eligible TC Member. (*Regulations* ¶ 10.5.2.1)

Note 3: The total number of valid Disapprove Votes counted per *Regulations* ¶ 10.5.1.3 shall be less than 10% of the total number of Voting Interests that received the Ratification Ballot. (*Regulations* ¶ 10.5.2.2)

a)	The # of eligible (Note 1) Voting Interests of the Primary GTC	141
b)	The # of eligible Primary GTC Voting Interests that returned Vote(s)	65
c)	The total # of eligible Primary GTC Voting Interest Approve Votes	50
d)	Percentage (%) of eligible Primary GTC Voting Interests Approve Votes (Note 2)	35.46%
e)	The total # of eligible Primary & Advisory GTCs Voting Interests	141
f)	The # of Valid Disapprove Votes	1
g)	The # of Invalid Disapprove Votes	0
h)	Percentage (%) of Primary & Advisory GTCs Voting Interests Valid Disapprove Votes (Note 3)	2%

Note: See *Regulations* § 10.7 for additional information.

III. Valid Disapprove Votes

The Originating TC Chapter is required to either assign the technical reasons accompanying Disapprove Votes on the Ratification Ballot either to a TF or place it on the agenda of the earliest TC Chapter meeting after the Ratification Ballot is concluded for consideration as new business regardless of whether or not the Ratification Ballot is accepted. (*Regulations* ¶ 10.6.2)

1) Voting Interest Name 1: Tokyo Electron
Voter: Name and company: Tsutomu Takahashi
Details of Disapprove vote:

Index	Section	Technical / Editorial Negative or Comment Perceived Problem ====== Proposed Solution
TELTT-1	15.1.2.1	Technical Negative ・Regarding the section “to withstand an external differential pressure of 7 kPa (1 psi),” it is not explicitly stated how compliance is to be demonstrated. (Inadequacy of the means of compliance.) In practice, the enclosure cannot ensure airtightness unless it is sealed using gaskets or caulking. Moreover, even if calculations and verification tests are carried out, they may not be very meaningful. Even if calculations and verification tests are conducted, no official method is provided; therefore, differences in the level of compliance are likely to occur among users. ====== ・Items for which there is no practical solution in real-world operation should not be included in the guidelines. (It may be acceptable if they are proposed as reference criteria rather than as requirements.)

IV. Invalid Disapprove Votes

Details of any assessment required per *Regulations* ¶ 10.5.3.1.2 (e.g., who performs the assessment, reason for the finding) that finds a Disapprove Vote to be invalid).

None