

# Procedural Review Voting Sheet

## Editorial Change(s) to a published Standard or Safety Guideline (Independently from a Letter Ballot)

REGION/LOCALE: **North America**

GLOBAL TECHNICAL COMMITTEE: **EHS**

EVENT: **Fall Meeting**

DATE OF MEETING: **12/17/2020**

PLACE OF MEETING: **OVTCCM**

TC CHAPTER CO-CHAIRS: **Chris Evanston (Salus Engineering), Sean Larsen (LAM Research), Bert Planting (ASML)**

SEMI STANDARDS STAFF: **Kevin Nguyen**

### I. Document Title

#### Document Title

**SEMI S30-0719 - Safety Guideline for Use of Energetic Materials in Semiconductor R&D and Manufacturing Processes**

### II. Type 2 Editorial Change

Editorial changes that meet the requirements of the Regulations (see *Regulations* ¶¶ 8.9.4 & 8.9.5) are approved by a simple majority vote in a regularly scheduled meeting of the TC Chapter. [See PM 2.11.4]

Original section/paragraph number and at least one full sentence are required in “FROM” and “TO” fields.

1	<b>FROM:</b>  17.3 Mitigation of Byproduct Buildup 17.3.1 Equipment suppliers should recommend minimum intervals for inspection, cleaning, or replacement of piping, pumps, and abatement equipment.	
	<b>TO:</b>  17.3 Mitigation of Byproduct Buildup 17.3.1 Equipment suppliers should recommend minimum intervals for inspection, cleaning, or replacement of piping, pumps, and abatement equipment. <u>NOTE X: The frequency and work description for the maintenance needed to manage the risks of accumulation of energetic materials depends on the design of the equipment, the processes for which it is used, and the details of operation (e.g., the temperatures at which piping components are maintained). Therefore, equipment suppliers can provide correct guidance for only those processes and operating conditions with which they have relevant knowledge and experience. If usage differs from those processes and operating conditions, it may be necessary to revise the maintenance procedures and scheduling. Such revisions can be made based on assessment and cautious experimentation. Furthermore, a Management of Change (MoC) process can be used to ensure that the equipment is not used in such a way that the risks posed by deposited energetic materials is unacceptable.</u>	
	<b>Justification: (If necessary)</b>	
2	<b>FROM:</b>  17.2.17.2 Ensuring that all fittings are leak checked before processing begins and after service and maintenance activities.	
	<b>TO:</b>  17.2.17.2 Ensuring that all fittings are leak checked before processing begins and after service and maintenance activities. <u>NOTE X: Depending on the equipment, its use, and the frequency of service and maintenance, it may be appropriate to impose a schedule of periodic testing for leaks.</u>	
	<b>Justification: (If necessary)</b>	
<b>Motion</b>		To approve the above editorial change(s).
<b>Motion by/ 2<sup>nd</sup> by</b>		Sean Larsen (Lam Research Corporation)/ John Visty (Salus Engineering)
<b>Discussion</b>		None
<b>Vote</b>		7 Y-0 N ; If Y > 50% Motion passes, <b>GO TO III</b>

### III. Safety Check

**Note: See Regulations § 15 for further information.**

Motion		This is <b>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)
	x	This is a <b>Safety Document</b> , when all safety-related information is removed, the Document is not technically sound and complete. ( <i>Regulations</i> ¶ 8.7.2)
	x	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		Eric Sklar (Safety Guru, LLC)/ Lucian Girlea (Nikon Precision Inc.)
Discussion		None
Vote		7 Y - 0 N; Motion <b>passed</b>

### IV. Intellectual Property Check

**Note: This Document may cover all or part of a Standard or Safety Guideline. Regardless of the coverage, this IP check applies to the entire Standard or Safety Guideline\*. See Regulations § 16 for further information.**

x	The TC Chapter meeting chair asked those participating, if they were aware of any patented technology that might be relevant (see <i>Regulations</i> ¶ 16.3.1.1) to the Standard or Safety Guideline; or, any copyrighted items or trademarks that are used/reproduced (see <i>Regulations</i> ¶ 16.4.1.2) in the Standard or Safety Guideline. (Also see, <i>Regulations</i> § 8.8)				
	x	The question is NOT answered in affirmative (No potentially material patented technology or use/reproduction of copyrighted items/trademarks is known.)	GO TO SECTION V.		
		The question is answered in affirmative	Is any of the known IPs a patented technology?	Yes, at least one of them is a patented technology	GO TO IV (a) "Patented Technology" subsection
				No	GO TO IV (b) "Copyright items" subsection

#### IV (a) Patented Technologies subsection

##### IV (a1) Total numbers of Patented Technologies to be dealt with

# Fill number	(l) Known Patented Technology that might be relevant to the Standard/Safety Guideline	# Fill number	(m) Number of patented technologies first became known to the TC Chapter on or after the day of the issuance of this Letter Ballot	Postpone assessment of such patented technologies to be performed at the next scheduled TC Chapter meeting.
		# Fill number	(n) Number of patented technologies first became known to the TC Chapter before the day of the issuance of this Letter Ballot	GO TO IV (a2)

#### IV (a2) Assessment of disclosed patented technologies

Disclosed patented technology #1 (Brief description, e.g., patent title and number):			Date of Assessment (If different from the date of Letter Ballot adjudication) MM/DD/YYYY			
Is disclosed patented technology #1 found to be "might be material" to the Standard/Safety Guideline?		YES (It is a PMPT)	Is the use of this PMPT technically justified?		YES	PROCEED to assess NEXT one, or if this is the last one, GO TO IV (a3)
					NO	The Document is failed and returned to the TF
			NO	No further action is needed for patented technology #1		

This table is needed for each disclosed patented technology.

#### IV (a3) LOA status check of PMPT of which inclusion assessed to be justified

LOA Status of PMPT #1						
Has an LOA for this patented technology been received from every owner ?		YES	PROCEED to check NEXT one, or if this is the last one, GO TO IV (b)			
		NO	MOTION		Ask ISC for special permission to publish.	
					Quit activity. The Document is failed and returned to the TF	
					Wait for LOA PROCEED to check NEXT one, or if this is the last one, GO TO IV (b1)	
			Motion by/ 2 <sup>nd</sup> by		Name (Company)/Name (Company)	
			Discussion		XXXX	
			Vote		XX Y-XX N; Motion passed (or failed)	

*This table is needed for each PMPT of which inclusion assessed to be justified.*

#### IV (b1) Total numbers of copyrighted items to be dealt with

# Fill number	(o) Known copyrighted items that are used or reproduced to the Standard/Safety Guideline	o > 0 There is at least one known copy righted items that might be relevant to the Standard/Safety Guideline	GO TO V (b2)
		o = 0 There is no disclosed copyrighted item	GO TO V (c)

#### IV (b2) Assessment of disclosed copyrighted items

Disclosed copyrighted item #1 (Brief description of its use in the Document):					
Is disclosed copyrighted item #1 used or reproduced in the Standard/Safety Guideline?		YES	Is the use/reproduction of this copyrighted item technically justified?	YES	PROCEED to assess NEXT one, or if this is the last one, GO TO IV (b3)
				NO	The Document is failed and returned to the TF
		NO	No further action is needed for copyrighted item #1		

*This table is needed for each disclosed copyrighted item.*

#### IV(b3) Copyright release status check of copyrighted item of which inclusion assessed to be justified

Copyright release Status of copyrighted item #1						
Has the copyright release been received from its owner ?.		YES	PROCEED to assess NEXT one, or if this is the last one, GO TO IV (c)			
		NO	MOTION		Ask ISC for special permission to publish.	
					Quit activity.	The Document is failed and returned to the TF
					Wait for copyright release letter	PROCEED to check NEXT one, or if this is the last one, GO TO IV (c)
			Motion by/ 2 <sup>nd</sup> by		Name (Company)/Name (Company)	

	Discussion	XXXX
	Vote	XX Y-XX N; Motion passed (or failed)

*This table is needed for each copyrighted item of which use/reproduction assessed to be justified.*

#### IV (c) Assessment of disclosed (identified) trademark

Is there any trademark in the Standard/Safety Guideline?		YES	Is every instance of trademark use technically justified?		YES	GO TO IV (d)
					NO	The Document is failed and returned to the TF
		NO	GO TO IV (d)			

#### IV (d) IP check completion condition check

The co-chair checks if any Patented Technologies first become known to the TC Chapter on or after the day of the issuance of this Letter Ballot? i.e., m>0 in IV(a1)		YES	Sections V(a2) and V(a3) shall be completed and recorded for such patented technologies at next scheduled meeting of the TC Chapter. Until then, the TC Chapter shall NOT go to V (making motion to pass/fail this Document) (see Regulations ¶ 16.4.1.2) Until then this Letter Ballot Review is on hold.
		NO	GO TO V

### V. Action for this Document

Motion	x	This Document passed TC Chapter review and will be forwarded to the ISC A&R SC for procedural review.
		This Document failed TC Chapter review and will be returned to the TF for rework.
		This Document failed TC Chapter review and work will be discontinued.
Motion by/ 2nd by		Sean Larsen (Lam Research Corporation) / Andrew Petraszak (TEL)
Discussion		None
Vote		7 Y -0 N; Motion passed
Final Action	x	Motion passed
		Motion failed