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: Information & Control
EVENT: NA Spring Meetings 2024
DATE OF MEETING: 3/27/2024
PLACE OF MEETING: SEMI HQ
TC CHAPTER CO-CHAIRS: Brian Rubow/Cimetrix, Jack Ghiselli/Ghiselli Consulting, James Moyne/AMAT/University of Michigan
SEMI STANDARDS STAFF: Michelle Sun

I. Document Title

> **Document Title**
>
> **Ballot R6924A, New Standard: Specification for Equipment Management of Consumables and Durables (EMCD)**

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.

	FROM: Section/Paragraph Table 5 ConsumableLocation Object Definition				

Attribute Name	*Definition*	*Access*	*Reqd*	*Form*
ObjID	Object identifier An identifier assigned by the Equipment designer uniquely identifying the instance of the ConsumableLocation object within this Equipment.	RO	Y	Text 1 – 80 characters. [Esss.00-RQ-01008-00] Shall confirm to SEMI E39 restrictions for ObjID. [/RQ]

1 — TO: Section/Paragraph Table 5 ConsumableLocation Object Definition

Attribute Name	*Definition*	*Access*	*Reqd*	*Form*
ObjID	Object identifier An identifier assigned by the Equipment designer uniquely identifying the instance of the ConsumableLocation object within this Equipment.	RO	Y	Text 1 – 80 characters. [Esss.00-RQ-01008-00] Shall ~~confirm~~ conform to SEMI E39 restrictions for ObjID. [/RQ]

Justification: (If necessary)

FROM: Section/Paragraph Table 6 Consumable Object Definition

Attribute Name	*Definition*	*Access*	*Reqd*	*Form*
ObjID	Object identifier An identifier assigned by the Equipment designer uniquely identifying the instance of the Consumable object within this Equipment. This identifier is assigned without any host or operator interaction.	RO	Y	Text 1 – 80 characters. [Esss.00-RQ-01011-00] Shall confirm to SEMI E39 restrictions for ObjID. [/RQ]

2 — TO: Section/Paragraph Table 6 Consumable Object Definition

Attribute Name	*Definition*	*Access*	*Reqd*	*Form*
ObjID	Object identifier An identifier assigned by the Equipment designer uniquely identifying the instance of the Consumable object within this Equipment. This identifier is assigned without any host or operator interaction.	RO	Y	Text 1 – 80 characters. [Esss.00-RQ-01011-00] Shall ~~confirm~~ conform to SEMI E39 restrictions for ObjID. [/RQ]

Justification: (If necessary)

<table>
<tr><td rowspan="2">3</td><td colspan="2">FROM: Section/Paragraph Table 17 DurableLocation Object Definition</td></tr>
<tr><td colspan="2">

Attribute Name	Definition	Access	Reqd	Form
ObjID	Object identifier An identifier assigned by the Equipment designer uniquely identifying the instance of the DurableLocation object within this Equipment.	RO	Y	Text 1 – 80 characters. [Esss.00-RQ-02008-00] Shall confirm to SEMI E39 restrictions for ObjID. [/RQ]

TO: Section/Paragraph Table 17 DurableLocation Object Definition

Attribute Name	Definition	Access	Reqd	Form
ObjID	Object identifier An identifier assigned by the Equipment designer uniquely identifying the instance of the DurableLocation object within this Equipment.	RO	Y	Text 1 – 80 characters. [Esss.00-RQ-02008-00] Shall ~~confirm~~ conform to SEMI E39 restrictions for ObjID. [/RQ]

</td></tr>
</table>

<table>
<tr><td rowspan="2">4</td><td colspan="2">FROM: Section/Paragraph Table 18 Durable Object Definition</td></tr>
<tr><td colspan="2">

Attribute Name	Definition	Access	Reqd	Form
ObjID	Object identifier An identifier assigned by the Equipment designer uniquely identifying the instance of the Durable object within this Equipment. This identifier is assigned without any host or operator interaction.	RO	Y	Text 1 – 80 characters. [Esss.00-RQ-02011-00] Shall confirm to SEMI E39 restrictions for ObjID. [/RQ]

TO: Section/Paragraph Table 18 Durable Object Definition

Attribute Name	Definition	Access	Reqd	Form
ObjID	Object identifier An identifier assigned by the Equipment designer uniquely identifying the instance of the Durable object within this Equipment. This identifier is assigned without any host or operator interaction.	RO	Y	Text 1 – 80 characters. [Esss.00-RQ-02011-00] Shall ~~confirm~~ conform to SEMI E39 restrictions for ObjID. [/RQ]

</td></tr>
</table>

Motion	To approve the above editorial change(s).
Motion by/ 2nd by	By: Brian Rubow / Cimetrix Incorporated Second: Jack Ghiselli / Ghiselli Consulting

Discussion	None
Vote	9 **Y**-0 **N** ; If Y > 50% Motion passes, **GO TO III**

III. Safety Check

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

<table>
<tr><td rowspan="3">Motion</td><td>x</td><td colspan="2">This is not a Safety Document, when all safety-related information is removed, the Document is still technically sound and complete. (<i>Regulations</i> ¶ 8.7.1)</td></tr>
<tr><td></td><td colspan="2">This is a Safety Document, when all safety-related information is removed, the Document is not technically sound and complete. (<i>Regulations</i> ¶ 8.7.2)</td></tr>
<tr><td></td><td></td><td>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)</td></tr>
<tr><td colspan="2">Motion by/2nd by</td><td colspan="2">By: Brian Rubow / Cimetrix Incorporated
Second: Jack Ghiselli / Ghiselli Consulting</td></tr>
<tr><td colspan="2">Discussion</td><td colspan="2">None</td></tr>
<tr><td colspan="2">Vote</td><td colspan="2">9 Y -0 N; Motion passed.</td></tr>
</table>

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.

<table>
<tr><td>x</td><td colspan="5">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)</td></tr>
<tr><td></td><td>x</td><td colspan="2">The question is NOT answered in affirmative (No potentially material patented technology or use/reproduction of copyrighted items/trademarks is known.)</td><td colspan="3">GO TO SECTION V.</td></tr>
<tr><td></td><td rowspan="2"></td><td rowspan="2">The question is answered in affirmative</td><td rowspan="2">Is any of the known IPs a patented technology?</td><td>Yes, at least one of them is a patented technology</td><td>GO TO IV (a) "Patented Technology" subsection</td></tr>
<tr><td></td><td>No</td><td>GO TO IV (b) "Copyright items" subsection</td></tr>
</table>

A&R Ballot Report Template – Editorial Change Revision 1.7

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/ 2nd 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	≦		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/ 2ⁿᵈ 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

					YES	**GO TO** IV **(d)**
Is there any trademark in the Standard/Safety Guideline?		YES	Is every instance of trademark use technically justified?		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		By: Brian Rubow / Cimetrix Incorporated Second: Jack Ghiselli / Ghiselli Consulting
Discussion		None
Vote		11 **Y** -0 **N**; Motion passed.

Final Action	x	Motion passed
		Motion failed