Record of Letter Ballot Review by TC Chapter for Procedural Review

Region/Locale: Japan

Global Technical Committee: PI&C

TC Chapter Cochairs: Tsuyoshi Nagashima / Miraial, Daisuke Sado / Daihen, Yasuhisa Itou / Murata

machinery

Standards Staff: Chie Yanagisawa

	Scheduled in Background Statement	Actual						
Date	04/15/2020	09/10/2020						
Location	SEMI Japan office, Tokyo	SEMI Japan office, Tokyo						
Reason for Change of Date and/or Location	In response to Tokyo municipal govern home, SEMI Japan has decided not to the SEMI Japan office until the end of A	nost any face-to-face meetings at						
(if changed)	the SEMI Japan office until the end of April. SEMI Japan also decided to postpone and reschedule PI&C Japan TC Chapter Meeting on April 15.							

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

I. Document Number and Title

Document Number	Document Title
6619	New Subordinate Standard – SPECIFICATION FOR PANEL FOUP FOR 510 to 515 mm PANEL SIZE and 12
	PANEL FOUP FOR 510 to 515 mm PANEL SIZE and 12
	SLOTS

II. Tally

Standards staff to fill in.

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* ¶ 9.6.2.1.1)

Voting Tally (with example values):

Voting Interest:	Returned Votes		Distribution		Return Rate	
Letter Ballot	52	÷	80	=	65.0%	≥60%
Intercommittee Ballot	36					
Voting Interest Reject(s)	2		Total Vo	ters	with Rejects	2
Voting Interest Accept(s)	38					

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

III. Rejects

Voting Interest Reject 1 (Voting Interest Name: Tokyo Electron Ltd.)
Voter Reject 1 (Voter: Supica Mashiro/Tokyo Electron Ltd.)
Negative 1

	ative i										
	Referenced Section/	*TF/	TC Chapter to fill in, including	text in the ballot if nec	essary.						
	Paragraph	Prod	edural issue								
Negative		*Original complete Negative text (e.g., issue, justification, suggestion) should be copied.									
ative	Negative Text	"Not providing start time of the TC Chapter Meeting in which the Letter Ballot Review will" be conducted is not appropriate. This could put people from distant location (e.g., 4hours of traveling) in disadvantage for participating the Review). Essential information for all the people who intend to participate the Review to make it should be given." "Delay of scheduled start time or early ending in actual meeting wouldn't be a problem, as" it would not have impact on members' rights on participation.									
TF	input (optional)										
	Withdrawal		No Negative withdrawal made b	oy Voter.	GO TO "Related" subsection						
	(check one)	X	Withdrawal document received 09/04/2020.	by Standards staff on	GO TO "Final" subsection → (A)						
	Motion and		'Related' is mutually agreed upon. (Needs no motion.		GO TO "Persuasive" subsection						
	Reason		Negative is not related. (Needs	≥2/3 votes to pass.)							
	(check one)		Reason XXXX								
Rel	Motion by/ 2 nd by	Nan	ne (Company)/Name (Company)								
Related	Discussion										
		XX '	Y-XX N; Motion passed/failed.								
	Result of Vote (check one)		[Negative is not related.] < 2/3	GO TO "Persuasive" subsection							
	(61100110)		2/3 ≤ [Negative is not related.]		GO TO "Final" subsection → (B)						
	Matian and	Negative is related and persuasive. (Needs >1/3 votes to pass.)									
Pe	Motion and Reason (check one)		Negative is related and not pers	suasive. <mark>(Needs ≥2/3 vot</mark>	es to pass.)						
Persuasive	(1 11 1 1)		Reason XXXX								
ive	Motion by/ 2 nd by	Nan	Name (Company)/Name (Company)								
	Discussion										
		XX Y	/-XX N; Motion passed/failed.								

	1		ĺ											
						e is related and ve.] > 1/3	Is a technical change recommended?		Y	GO TO "Address by Technical Change Option" subsection				
			of Vote k one)			e is related and not ve.] < 2/3	(check one)	N	GO TO "Final" subsection → (E)					
						egative is related persuasive.] < 90%	GO TO "Final" s	ubse	ctio	n → (C)				
				90%	1] ≥ ۵	o ≤ [Negative is related not persuasive.] GO TO "Not Significant Finding Option" subsection								
				e Recon	nme	ndations	one full sentence	are r	ean	ired in "FROM" and "TO"				
	fields							uic i	- Gqu	med in Treem and Te				
				/I: Section/Paragraph XXX										
		1	TO: Sed	ction/Paragraph xxx										
	echn		Justific	ation (If	f necessary)									
	Technical Changes		FROM:	M: Section/Paragraph XXX										
Address by Technical Change Op	anges	2	TO: Sed	ction/Par	ragraph xxx									
ss b			Justific	ation (If	ion (If necessary)									
/ Тес			<u> </u>											
hnic	Motio	on			Neg	ative is addressed by	the technical cha	nge(s	s).					
cal C	Motio	on k	y/2 nd by	1	Nan	ne (Company)/Name	(Company)							
han	Disc	uss	ion											
ge (XX Y-XX N; Motion passed/failed.									
Option			sult of Vo			2/3 ≤ [Negative is addressed by the technical change(s).]				GO TO "Incorporation of the Technical Change" subsection				
					[Negative is not addressed by the technical change(s).] < 2/3					GO TO "Final" subsection → (E)				
	-	Мс	tion		To incorporate the technical change(s).									
	ncol Tec		tion by/		Name (Company)/Name (Company)									
	rpora hnica	Dis	scussion	1										
	ition				XX '	Y-XX N; Motion pass	ed/failed.							
	Incorporation of the Technical Change		Result o			90% ≤ [Agree to inco	orporate.]			GO TO "Final" subsection → (F)				
	ļ		(check	,		[Disagree to incorpo	<u>-</u>			GO TO "Final" subsection → (E)				
Not Significan						"if the TC Chapter ons voting on the ac				uasive by a vote equal to or 1.4.5.2)				
yt fican	It is mutually agreed upon to term the Negative "not significant". GO TO "Final" subsection → (D)									GO TO "Final" subsection → (D)				

	Use of "Not significant finding option"		It is mutually a "significant".	greed upon to term the Negative	GO TO "Final" subsection → (C)					
	(check one)		Whether or not	Whether or not the Negative is "not significant" is decided by a vote.						
	Motion	The	e Negative is "not significant".							
	Motion by/ 2 nd by	Nan	me (Company)/Name (Company)							
	Vote		XX Y-XX N; Mo	otion passed with simple majority	GO TO "Final" subsection → (D)					
	vote		XX Y-XX N; Mo	otion failed with simple majority	GO TO "Final" subsection → (C)					
		Χ	(A)	Withdrawn (counted under h in dis	disposition)					
			(B)	Not related (counted under i in dis	disposition)					
	(check if		(C)	Related and not persuasive (signific	ant)					
Final	applicable)		(D)	Not significant (counted under j in	disposition)					
<u>a</u>				Related and persuasive and not addressed by technical change	DOCUMENT FAILS					
			(F)	Addressed by technical change (cou	unted under k disposition)					
	(check if applicable)		Comment gene	erated. See Section V-(ii) Comment # 2	X.					

This table is needed for each Negative.

Negative 2

	alive Z									
	Referenced Section/ Paragraph	*TF/TC Chapter to fill in, including text in the ballot if necessary. 1 and 2								
	i diagiapii									
		*Orig		ve text (e.g., issue, justification	, suggestion) should be					
Negative		It is t	ative/ unclear what is different rite section 1 and 2 to c	in this Subordinate Standard from onform PM 3.8.3.2	m the Primary Standard.					
/e	Negative Text	PM r distir PM 3 its di cove	Justification PM requires the purpose and scope section of a Subordinate Standard to define its distinction from the Primary Standard. PM 3.8.3.2 A Subordinate Standard requires its own purpose and scope sections to define its distinction from the Primary Standard and to specify the technical area that the Standard covers and may or may not contain all of the required sections to conform to the required sections found in § 3.2.							
TF	input (optional)									
	Withdrawal	Х	No Negative withdrawa	GO TO "Related" subsection						
	(check one)		Withdrawal document re MM/DD/YYYY.	GO TO "Final" subsection → (A)						
	Motion and	X	'Related' is mutually ag	reed upon. (Needs no motion.)	GO TO "Persuasive" subsection					
고	Reason		Negative is not related.	(Needs ≥2/3 votes to pass.)						
Related	(check one)		Reason	xxxx						
	Motion by/ 2 nd by	Nam	e (Company)/Name (Co	ompany)						

	D	Discussion										
				XX	Y-XX N; Motion passed	/failed						
			of Vote k one)		[Negative is not related	GO TO "Persuasive" subsection						
		(oneok one)			2/3 ≤ [Negative is not r	elated	.]		GO TO "Final" subsection → (B)			
		4!		X	Negative is related and	Negative is related and persuasive. (Needs >1/3 votes to pass.)						
		Rea	n and son k one)		Negative is related and	l not p	ersuasive. (Needs	≥2/3	3 votes to pass.)			
	(,		Reason	XXXX	(
Pe		2 nd	on by/ ^I by	Sho	oji Komatsu (Acteon) / Ts	sukasa	a Fukunaga (Shin-l	Etsu	Polymer)			
Persuasive	D	iscu	ssion	Non								
asiv				7 Y-	-0 N; Motion passed		1					
/e	Pos	esult of Vote			[Negative is related an persuasive.] > 1/3	d	Is a technical change recommended?	Х	Y GO TO "Address by Technical Change Option" subsection			
	(check one)				[Negative is related an persuasive.] < 2/3		(check one)		N GO TO "Final" subsection → (E)			
					2/3 ≤ [Negative is related and not persuasive.] <		GO TO "Final" s	ubse	ection → (C)			
					90% ≤ [Negative is related and not persuasive.]		GO TO "Not Sign	nifica	ant Finding Option" subsection			
		inal			ecommendations agraph number and at	least	one full sentence	are ı	required in "FROM" and "TO"			
			FROM:	Sect	tion/Paragraph 1.1							
Addr				purpose of this Document is to establish basic physical dimensions for the Panel FOUP intended to ransport and store Panels.								
ss k		1	TO: Se	ctior	n/Paragraph 1.1							
у Тесі	Tec		1.1 The	This specification is part of a suite of standards purpose of this Document is to establish basic physical ons for the Panel FOUP intended to be used to transport and store Panels.								
nnical	Technical Changes		Justific	atio	n (If necessary)							
Cha	Cha		FROM:	Sect	tion/Paragraph 2.1							
Address by Technical Change Option	anges			Document specifies the Panel FOUPs by the relevant SEMI Standard (SEMI Draft Document 6618) for \times 515 mm panel and 12 slots.								
tion		2	TO: Se	ctior	n/Paragraph 2.1							
					ment specifies the dimensing panel. Common dimensi				vination of 12-slots Panel FOUP for 510 tandard			
					nt specifies the Panel FOU n panel and 12 slots.	Ps by t	ne relevant SEMI St	andare	d (SEMI Draft Document 6618) for 510			

		Justific	ation (If	tion (If necessary)							
	Motic			Neg	Negative is addressed by the technical change(s).						
	Motic	on by/2 nd by	<u> </u>	Sho	Shoji Komatsu (Acteon) / Tsukasa Fukunaga (Shin-Etsu Polymer)						
		ission	<u>'</u>	Nor	-	3 (3 (3))					
						ion passed					
		Result of V		X		egative is addressed by the technical	GO TO "Incorporation of the Technical Change" subsection				
	(Check one)					e is not addressed by the technical s).] < 2/3	GO TO "Final" subsection → (E)				
	Motion				ncorpora	te the technical change(s).					
	Motion by/2 nd by			Sho	ji Komats	u (Acteon) / Tsukasa Fukunaga (Shin-	Etsu Polymer)				
	rpo hni	Discussion	1								
	ratio			non 7 Y	_	otion passed/failed.					
	Incorporation of the Technical Change	Result o		X		Agree to incorporate.]	GO TO "Final" subsection → (F)				
	ne e	(check	one)		[Disagre	e to incorporate.]>10%	GO TO "Final" subsection → (E)				
N						C Chapter finds a Negative not persing on the action". (<i>Regulations</i> ¶ 9.6					
ot Sigr	Us	e of "Not		muti nifica		ed upon to term the Negative "not	GO TO "Final" subsection → (D)				
Not Significant Finding Option	siç findi	significant It is		muti nifica		eed upon to term the Negative	GO TO "Final" subsection → (C)				
Fin	•	,	,		ether or not the Negative is "not significant" is decided by a vote.						
din	1	Motion	The Neg	The Negative is "not significant".							
9	Mo	otion by/ 2 nd by	Name (C	me (Company)/Name (Company)							
		Vote	XX	Y-X>	(N ; Motic	on passed with simple majority	GO TO "Final" subsection → (D)				
		VOIC	xx	Y-X>	(N ; Motio	on failed with simple majority	GO TO "Final" subsection → (C)				
				(A)	Withdrawn (counted under h in disp	oosition)				
				(B)		Not related (counted under i in disp	•				
_	•	check if			C)	Related and not persuasive (significa	,				
Final	ар	plicable)		(D)	Not significant (counted under j in d	isposition)				
<u> </u>					E)	Related and persuasive and not addressed by technical change	DOCUMENT FAILS				
	1.	shook if	Х	(F)	Addressed by technical change (coul	nted under k disposition)				
	•	check if plicable)	Cor	nme	nt genera	ted. See Section V-(ii) Comment # X.					

Negative 3

neg	ative 3												
	Referenced Section/		TC Chapter to fill in, in	cludir	ng text in the bal	lot if ne	ecessary.						
	Paragraph	2.1											
Negative	Negative Text	copi Nega	*Original complete Negative text (e.g., issue, justification, suggestion) should be copied. Negative/ Unpublished Document shall not be referred										
	Negative Text	Refe	gestion erring to "the Primary Sta Subordinate Standard t				ocument is under development						
TF	input (optional)												
	Withdrawal (check one)		No Negative withdrawa Withdrawal document re			off on	GO TO "Related" subsection GO TO "Final" subsection						
	(Clieck Olle)		MM/DD/YYYY.	eceive	d by Standards St	all Oli	\rightarrow (A)						
	Motion and	X	'Related' is mutually ag	reed u	pon. (Needs no n	notion.	CO TO "Porquesive"						
	Reason		Negative is not related.	(Need	ls ≥2/3 votes to p	ass.)							
	(check one)		Reason XXXX										
Re	Motion by/ 2 nd by	Nam	Name (Company)/Name (Company)										
Related	Discussion												
	Result of Vote (check one)	XX Y	XX Y -XX N ; Motion passed/failed.										
			[Negative is not related.	GO TO "Persuasive" subsection									
	(0.000)		2/3 ≤ [Negative is not re	GO TO "Final" subsection → (B)									
	Matter and	X	X Negative is related and persuasive. (Needs >1/3 votes to pass.)										
	Motion and Reason (check one)		Negative is related and	not pe	ersuasive. (Needs	≥2/3 v	otes to pass.)						
	·		Reason XXXX										
Persuasive	Motion by/ 2 nd by	Shoj	i Komatsu (Acteon) / Ts	ukasa	Fukunaga (Shin-	Etsu Po	lymer)						
uas	Discussion	None	е										
sive		6 Y-0	0 N; Motion passed										
	Result of Vote (check one)		[Negative is related and persuasive.] > 1/3		Is a technical change recommended?	X	GO TO "Address by Technical Change Option" subsection						
	(chicon one)		[Negative is related and persuasive.] < 2/3		(check one)	N	GO TO "Final" subsection → (E)						
			2/3 ≤ [Negative is relate and not persuasive.] < 9		GO TO "Final" s	ubsect	ion → (C)						

						Negative is related persuasive.]	GO TO "Not Significant	Finding Option" subsection			
		nal		je Recon	nme	ndations	one full sentence are req	uired in "FROM" and "TO"			
			FROM:	Section/	Para	graph 2.1					
						rifies the Panel FOUPs let and 6 slots.	by the relevant SEMI Standar	d (SEMI Draft Document 6618) for			
Address by Technical Change Option	Technical Changes	2	TO: Section/Paragraph 2.1 2.1 This document specifies the dimensions that are specific to the combination of 12-slots Panel FOUP for 510 mm x 515 mm panel. Common dimensions are defined in the Primary Standard. This Document specifies the Panel FOUPs by the relevant SEMI Standard (SEMI Draft Document 6618) for 510 mm × 515 mm panel and 12 slots. Justification (If necessary) FROM: Section/Paragraph XXX								
echnical (Justification (If necessary)									
Char	Moti	on			Neg	ative is addressed by	the technical change(s).				
nge	Moti	on k	oy/2 nd by	1	Sho	ji Komatsu (Acteon) /	['] Tsukasa Fukunaga (Shin-	·Etsu Polymer)			
Opti	Disc	uss	ion		The technical change that was incorporated to address Negative 2 can also address this Negative.						
on					7 Y-0 N; Motion passed						
			sult of V		X	change(s).]	ddressed by the technical	GO TO "Incorporation of the Technical Change" subsection			
						[Negative is not add change(s).] < 2/3	ressed by the technical	GO TO "Final" subsection → (E)			
	=	Mc	otion		To incorporate the technical change(s).						
	ncor Tech	Mc	otion by/	2 nd by	Shoji Komatsu (Acteon) / Tsukasa Fukunaga (Shin-Etsu Polymer)						
	pora	Dis	scussion	1	Nor						
	atior					0 N; Motion passed.		GO TO "Final" subsection			
	Incorporation of the Technical Change		Result o		X	90% ≤ [Agree to inco	orporate.]	→ (F)			
			•	·		[Disagree to incorpo		GO TO "Final" subsection → (E)			
No: Fin		opt ter t	ion can l than 90%	be used of the p	only erso	"if the TC Chapter ons voting on the ac	finds a Negative not persetion". (<i>Regulations</i> ¶ 9.6	suasive by a vote equal to or .1.4.5.2)			
t Sigr	He	:A O	f "Not		muti ifica		term the Negative "not	GO TO "Final" subsection → (D)			
Not Significant Finding Option	si findi	gnii ing	ficant option"	It is		ually agreed upon to	term the Negative	GO TO "Final" subsection → (C)			
	(check one) Whether or not the Negative is "not significant" is decided by a vote.										

	Motion	The	Negative is "not	t significant".							
	Motion by/ 2 nd by	Nar	ame (Company)/Name (Company)								
	Vote		XX Y-XX N; Mc	otion passed with simple majority	GO TO "Final" subsection → (D)						
	vote		XX Y-XX N; Mc	otion failed with simple majority	GO TO "Final" subsection → (C)						
			(A)	Withdrawn (counted under h in d	disposition)						
			(B) Not related (counted under i in		isposition)						
	(check if		(C) Related and not persuasive (sig		ificant)						
Final	applicable)		(D)	Not significant (counted under j ir	under j in disposition)						
a				Related and persuasive and not addressed by technical change	DOCUMENT FAILS						
		Χ	(F)	Addressed by technical change (counted under k disposit							
	(check if applicable)		Comment generated. See Section V-(ii) Comment # X.								

This table is needed for each Negative.

Disposition of Voting Interest Reject 1

Check only when the Document has not been failed.

3	Original	num	ber (#) of Negatives	(g)						
1	Number	of N	egatives withdrawn		(h)					
0	Number	Number of Negatives found not related (i)								
0	Number	Number of Negatives found not significant (j)								
2			egatives addressed by technic t significant)	al change (Negative	(k)					
		X	g - (h + i + j + k) = 0	Reject is Not Valid and is not included in the denominator of § VI. Approval Conditions Check						
	Final		g - (h + i +j + k) >0	Reject is included in the Approval Conditions Conditions Conditions	he denominator of § VI. Check					
			Reject without a Negative	Not Valid						

This table is needed for each Voting Interest Reject.

Note: If all of the Negatives included with a Reject Vote are withdrawn, determined to be not related, or determined to be not significant, the Reject Vote is not valid. (*Regulations* ¶ 9.4.3.3)

Note: A Negative addressed by a technical change is automatically considered to be not significant. (*Regulations* ¶ 9.6.1.4.5.2)

Voting Interest Reject 2 (Voting Interest Name: Middlesex) Voter Reject 1 (Voter: George W Horn/Middlesex Industries SA)

Negative 1

Referenced	*TF/TC Chapter to fill in, including text in the ballot if nec	essary.
Paragraph	Paragraph 15 and Figure 18 and 19	
Negative Text	*Original complete Negative text (e.g., issue, justification copied. Please see negative of doc. 6618 also apply here <doc.6618> This negative ballot accepts the proposed standard in its entire provided, that the paragraph 15.2.1 and figures 18 and 19 are below. Rationale: In this company's 50 years of experience, perform moves with its conveyors, the above additions to the standard serving its customers with guarantied clean, high flow rate, lo follows the physical necessities of avoiding conveyor rail transport to the proposed of the carrier, and the necessities of safety at high acceleration are The conveyor rail designs as included in the existing propose for low speed, short distance moves of the carrier, in and in vhandling means, and thus we confirm their acceptance. 15.2.1 Conveyor Rail Surface Dimensions — For Clean transpapplications exceeding intra tool move dimensions the Convexinadequate due to its inherent tendency for contaminant transsurface = bottom stacking surface), and its inadequate guidin track due to mass and velocity of movement). Consequently ty1, x5 and z10 should be used, z12 below the HP. Fig.18a are surface.</doc.6618>	rety, without exceptions as is, e added to the standard, as ing 100 Million plus annual d will enable it to continue ng distance conveyors. This sport on a shared carrier nimizing conveyor and carrier nd speed of the carrier. d standard, may be adequate icinity of process tool sets with ever applications and eyor rail as described in 15.2 is sfer (unprotected transport g edge height (jumping the the conveyor rail defined by x1,
	Pigure 18a Side Courvyor Rail: Locations	SIGE CONVEYOR SURFACE Figure 19a Side Conveyor Rail – Section at FP
nput (optional)		
MAI:4111	No Negative withdrawal made by Voter.	GO TO "Related"
Withdrawal (check one)	Withdrawal document received by Standards staff on	subsection GO TO "Final" subsection
	X Withdrawal document received by Standards staff on 05/07/2020 'Related' is mutually agreed upon. (Needs no motion.)	
	Section/ Paragraph Negative Text	Section/ Paragraph Paragraph 15 and Figure 18 and 19 *Original complete Negative text (e.g., issue, justification copied. Please see negative of doc. 6618 also apply hereCDc.6618> This negative ballot accepts the proposed standard in its entiprovided, that the paragraph 15.2.1 and figures 18 and 19 are below. Rationale: In this company's 50 years of experience, perform moves with its conveyors, the above additions to the standard serving its customers with guarantied clean, high flow rate, lo follows the physical necessities of avoiding conveyor rail tran bottom surface (as have learned with the 300 mm FOUP), mit contacts, and the necessities of safety at high acceleration at The conveyor rail designs as included in the existing propose for low speed, short distance moves of the carrier, in and in v handling means, and thus we confirm their acceptance. 15.2.1 Conveyor Rail Surface Dimensions – For Clean transpandications exceeding intra tool move dimensions the Convetor inadequate due to its inherent tendency for contaminant transurface = bottom stacking surface), and its inadequate guiding track due to mass and velocity of movement). Consequently 17, x5 and z10 should be used, z12 below the HP. Fig.18a and the convetor of the con

					Reason	XXXX	XXXX					
		otion 2 nd b		Nam	ne (Company)/Name (C	ompar	ny)					
	Dis	scus	sion									
				XX Y-XX N; Motion passed/failed.								
			f Vote		[Negative is not related	.] < 2/:	3			GO TO "Persuasive" subsection		
	(01)	COR	one,		2/3 ≤ [Negative is not re	elated.]			GO TO "Final" subsection → (B)		
					Negative is related and	persu	asive. (Needs >1/	/3 vo	tes t	o pass.)		
	F	tion Reaso eck			Negative is related and	not pe	ersuasive. (Needs	≥2/3	vot	es to pass.)		
	,		,		Reason XXXX							
P		otion 2 nd b		Nam	ne (Company)/Name (C	ompar	ny)					
ersı	Dis	scus	sion									
Persuasive				XX Y	Y-XX N; Motion passed	/failed.						
ive	Pos	ult of	f Vote		[Negative is related and persuasive.] > 1/3	t	Is a technical change recommended?		Y	GO TO "Address by Technical Change Option" subsection		
			one)		[Negative is related and persuasive.] < 2/3	(check one)		N	GO TO "Final" subsection → (E)			
					2/3 ≤ [Negative is relate and not persuasive.] <	GO TO "Final" s	ubse	ctio	n → (C)			
					90% ≤ [Negative is rela and not persuasive.]	GO TO "Not Significant Finding Option" subsection						
Α	Techi Origin fields	nal s	Chang ection/	je Re para	ecommendations agraph number and at	least o	one full sentence	are i	requ	ired in "FROM" and "TO"		
ddres		F	ROM:	Sect	ion/Paragraph 1.1							
s by -		-	TO: Se	ction	etion/Paragraph 1.1							
Гесһ	Tec											
nnical	Technical	,	Justific	atio	n (If necessary)							
Chang	l Changes	F	ROM:	Sect	ion/Paragraph XXX							
Address by Technical Change Option	jes	2	TO: Se	ction	/Paragraph xxx							
nc			Justific	atio	n (If necessary)							

	Motic	on			Neg	ative is a	addressed by the technical change(s).				
	Motic	on by/2 nd by	y		Nam	ne (Comp	pany)/Name (Company)				
	Discu	ussion									
					XX Y	Y-XX N:	Motion passed/failed.				
	Result of Vote (check one)						egative is addressed by the technical	GO TO "Incorporation of the Technical Change" subsection			
							e is not addressed by the technical s).] < 2/3	GO TO "Final" subsection → (E)			
	_	Motion			To incorporate the technical change(s).						
	nco Tec	Motion by/	2 nd b	у	Nam	ne (Comp	pany)/Name (Company)				
	rpora	Discussion	1								
	ation				XX Y	Y-XX N; I	Motion passed/failed.				
	Incorporation of the Technical Change	Result o				90% ≤ [/	Agree to incorporate.]	GO TO "Final" subsection → (F)			
	he e	(check	one)			[Disagre	ee to incorporate.]>10%	GO TO "Final" subsection → (E)			
Z							C Chapter finds a Negative not persing on the action". (<i>Regulations</i> ¶ 9.6				
ot Sigi				mutu ificar		eed upon to term the Negative "not	GO TO "Final" subsection → (D)				
Not Significant Option	się findi	significant It is			mutu nifica		eed upon to term the Negative	GO TO "Final" subsection → (C)			
t Finding	(33)	,		Whe	hether or not the Negative is "not significant" is decided by a vote.						
din	ı	Motion	The	Neg	ative	is "not s	ignificant".				
9		otion by/ 2 nd by	Nam	ne (C	Company)/Name (Company)						
		Vote		XX '	Y-XX	(N; Motio	on passed with simple majority	GO TO "Final" subsection → (D)			
		VUIE		XX	Y-XX	N; Motio	on failed with simple majority	GO TO "Final" subsection → (C)			
			Χ		(/	A)	Withdrawn (counted under h in disp	position)			
					(I	В)	Not related (counted under i in disp	osition)			
		check if			(C)	Related and not persuasive (significa	,			
Final	ар	plicable)			(1	D)	Not significant (counted under j in d	isposition)			
<u>a</u>						E)	Related and persuasive and not addressed by technical change	DOCUMENT FAILS			
	1			(F)	Addressed by technical change (cou	nted under k disposition)				
	•	check if plicable)		Con	nmer	nt genera	nted. See Section V-(ii) Comment # X				

This table is needed for each Negative.

Disposition of Voting Interest Reject 1

Check only when the Document has not been failed.

1	Original	Original number (#) of Negatives (g)								
1	Number	of N	egatives withdrawn		(h)					
0	Number	Number of Negatives found not related (i)								
0	Number	Number of Negatives found not significant (j)								
0			egatives addressed by technic t significant)	al change (Negative	(k)					
		X	g - (h + i + j + k) = 0	Reject is Not Valid and is not included in the denominator of § VI. Approval Conditions Che						
	Final		g - (h + i +j + k) >0	Reject is included in the Approval Conditions Condition	ne denominator of § VI. Check					
			Reject without a Negative	Not Valid						

This table is needed for each Voting Interest Reject.

Note: If all of the Negatives included with a Reject Vote are withdrawn, determined to be not related, or determined to be not significant, the Reject Vote is not valid. (*Regulations* ¶ 9.4.3.3)

Note: A Negative addressed by a technical change is automatically considered to be not significant. (*Regulations* ¶ 9.6.1.4.5.2)

IV. Other Technical Issues

Note: TC Chapter may choose to address a technical issue that is not part of a Negative received on a Letter Ballot (i.e., a Comment or a reason not addressed by a Vote response) by handling it as a Negative and finding it related and technically persuasive. The TC Chapter may then fail the Document or address such technical issue by using the procedure defined in *Regulations* § 9.6.1.4.3 to make a technical change to the Document. (*Regulations* ¶ 9.6.1.4.2.5)

Issue 1

	ouc i									
Те	Origin	*TF/TC Chapter to choose A reason not addressed by a Vote response								
chr	Referenced	*TF	TTC Chapter to fill in including text in the ballot as appro	priate.						
Technical	Section/ Paragraph	Table 1								
Issue	Reason		iginal Comment text, if applicable, and problem statement suggestion, should be copied.	nt, including justification						
,j	Neason	I found a mistake in x6. x6<263 is correct instead of x6<264. Note: The value of x6 in Doc.6620 is correct.								
Hand	dle technical issu	ıe ide	entified above as a Negative.							
		X	'Related' is mutually agreed upon. (Needs no motion.)	GO TO "Persuasive" subsection						
R	Motion and		Negative is not related and assigned to TF. (Needs ≥2/3 vo	otes to pass.)						
Related	Reason (check one)		Negative is not related and placed on agenda of current TC business. (Needs ≥2/3 votes to pass.)	Chapter meeting as new						
7	(chical chic)		Reason							

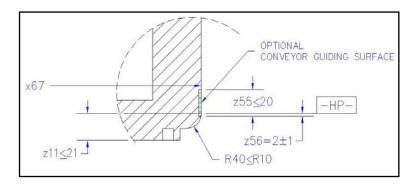
		otio 2nd	n by/ by	Nar	ne (Co	mpany)/Name (C	ompany	′)				
	Di	scus	ssion									
				XX	Y-XX N	N; Motion passed	/failed.					
	Res	ult c	of Vote		[Nega	ative is not related	l.] <2/3					GO TO "Persuasive" subsection
	(cł	neck	one)			[Negative is not re [Negative is not					a of	GO TO "Final"
	current TC Chapter meeting as new busine									,		subsection → (B)
				Х	Nega	tive is related and	l persua	sive. (Needs :	>1/3 v	otes	to p	pass.)
	l	Reas	n and son sone)		Nega	tive is related and	not pe	rsuasive. (Nee	eds ≥2	2/3 vo	otes	to pass.)
	(check che)				Reason							
Persuasive		otio 2 nd	n by/ by	Sho	oji Kom	atsu (Acteon) / Ts	sukasa	Fukunaga (Shi	in-Ets	u Po	lyme	r)
sivo	Di	scus	ssion	Nor								
O O				7 Y	-0 N ; №	lotion passed/						GO TO "Address by
	Res	ult c	of Vote	X		ative is related and lasive.] > 1/3		Is a technica change		Х	Υ	Technical Change Option" subsection
	(check one)					ative is related and asive.] < 2/3	d not	recommend (check on			N	GO TO "Final" subsection → (E)
					2/3 ≤	[Negative is relate of persuasive.] <		GO TO "Fina	al" su	ıbse	ction	
		jinal				nendations number and at	least oi	ne full senten	ce are	e req	uire	d in "FROM" and "TO"
	11010		FROM:		tion/Pa	ragraph XXX						
Addr			Symbol	Used		Referenced Figure	Valu	e Specified	Datum Measure			
Address by Technical Change Option			x6			18, 19	≤ 26	F ₁ S S S S S S S S S				To Inner edge of side conveyor rail surface
Гесhn	Technical Changes		TO: 0:	-4:	- /D	want Table 4						
ical	nica	1			n/Para	graph Table 1						
Char	l Cha		Symbol	Used		Referenced Figure		e Specified	Fron	m Me 1	asure	To
nge Op	nges		хб			18, 19	≤ 26	4 <u>263</u>	BP			Inner edge of side conveyor rail surface
tion			luctiti	catic	n /lf n	ecessary)						
			Justill	calio	ar (a ne							
		2	FROM:	Sec	tion/Pa	ragraph XXX						

		TO: Se	ectio	n/Pa	rag	raph xxx				
		Justifi	catio	n (If	f necessary)					
	Motio	on			Ne	egative is a	ddressed by the technical change(s).			
	Motio	on by/2 nd b	у		Sł	noji Komats	su (Acteon) / Tsukasa Fukunaga (Shin-l	Etsu Polymer)		
	Disc	ussion			No	one				
ŀ					7 `	Y-0 N; Moti	on passed			
	Result of Vote (check one)				X	2/3 ≤ [Neg change(s)	gative is addressed by the technical	GO TO "Incorporation of the Technical Change" subsection		
						[Negative change(s)	is not addressed by the technical ().] < 2/3	GO TO "Final" subsection → (E)		
	_ [Motion				To incorporate the technical change(s).				
	ncoi Tec	Motion by/2 nd by			Sh	noji Komats	u (Acteon) / Tsukasa Fukunaga (Shin-Ets	u Polymer)		
	hnic Por	Discussio	Discussion			none				
	atio				7 Y-0 N; Motion passed					
	Incorporation of the Technical Change	Result o		-	X	90% ≤ [Aç	gree to incorporate.]	GO TO "Final" subsection → (F)		
	าe e	(check	one			[Disagree	to incorporate.] >10%	GO TO "Final" subsection → (E)		
						(B)	Not related			
		(check one)				(C)	Related and not persuasive			
!	(ch					(E)	Related and persuasive and not addressed by technical change			
۱ ا			Χ			(F)	Addressed by technical change			
	•	heck if olicable)		Со	mm	ent genera	ted. See Section V-(ii) Comment # X.			

Issue 2

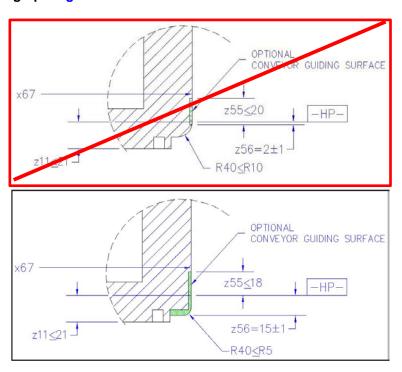
-100	out Z													
			/TC Chapter to choose				_							
_	Origin	Wit	hdrawn Negative from G	ieorge \	/V Horn/Middlesex Ir	ndustrie	s S	5A						
Technical Issue	Referenced	*TF	/TC Chapter to fill in in	cludin	n text in the hallot :	as anni	ron	riate						
hn	Section/		<u> </u>		g text in the bandt	ασ αρρι	Юр	ilate.						
ica	Paragraph	Fig	ure A1-3 and Table A1-	-1										
ı		*Original Comment text, if applicable, and problem statement, including justification												
us		and suggestion, should be copied.												
е	Reason							andard, may be adequate						
			low speed, short distanc Idling means.	e move	s of the carrier, in ar	nd in vi	cini	ty of process tool sets with						
Hand	dle technical issu		entified above as a Neg	native										
		ic iac	I	jativo.				00 TO "D						
ı		×	'Related' is mutually ag	greed up	oon. <mark>(Needs no mo</mark> t	tion.)		GO TO "Persuasive" subsection						
	Motion and		Negative is not related											
	Reason					urrent 7	ГС	Chapter meeting as new						
	(check one)		business. (Needs ≥2/3	votes	to pass.)									
			Reason											
Z)	Motion by/													
Related	2nd by	Nar	Name (Company)/Name (Company)											
ted	Discussion													
	Result of Vote (check one)	XX Y-XX N; Motion passed/failed.												
		[Negative is not related.] <2/3												
			. 0		subsection									
			2/3 ≤ [Negative is not r	GO TO "Final"										
			2/3 ≤ [Negative is not related] and placed on agenda of current TC Chapter meeting as new business.											
		X Negative is related and persuasive. (Needs >1/3 votes to pass.)												
		Negative is related and persuasive. (Needs > 1/3 votes to pass.)												
	Motion and Reason	Negative is related and not persuasive. (Needs ≥2/3 votes to pass.)												
	(check one)		Negative is related and	#5 L	o pass.)									
	,		Reason	XXXX										
_			Neason	^^^^										
Per	Motion by/	Sho	oji Komatsu (Acteon) / Ts	cukaca	Fukupaga (Shin-Ete	u Polyr	mor	١						
Persuasive	2 nd by	SHC	oji Komatsu (Acteon) / 13	Sunasa	T ukunaga (Shiir-Lts	u r Olyi	HEI	<i>)</i>						
siv	Discussion	Nor	ne											
е		7 Y	-0 N; Motion passed		_									
		V	[Negative is related an	d	Is a technical			GO TO "Address by						
	Result of Vote	X	persuasive.] > 1/3		change	X	Y	Technical Change Option" subsection						
	(check one)		[Negative is related an	d not	recommended?	1	N	GO TO "Final"						
	•		persuasive.] < 2/3		(check one)			subsection → (E)						
			2/3 ≤ [Negative is relat	GO TO "Final" su	ıbsecti	on	→ (C)							
	Toohniaal Char	ac D	and not persuasive.] <	90%	To the total of			(-/						
Add			ecommendations agraph number and at	least o	ne full sentence are	e reaui	red	I in "FROM" and "TO"						
מ מ	fields.	·	<u> </u>			- 4								
	-													

FROM: Section/Paragraph Figure A1-3 and Table A1-1



Symbol Used	Figure	Value Specified	Datum Measured From	Feature Measured To	
r40	A1-3	≤10	z10	Optional conveyor guiding surface	
z55	A1-3	≤20	HP	Top of optional conveyor guiding surface	
z56	A1-3	2±1	HP	Bottom of optional conveyor guiding surface	

TO: Section/Paragraph Figure A1-3 and Table A1-1

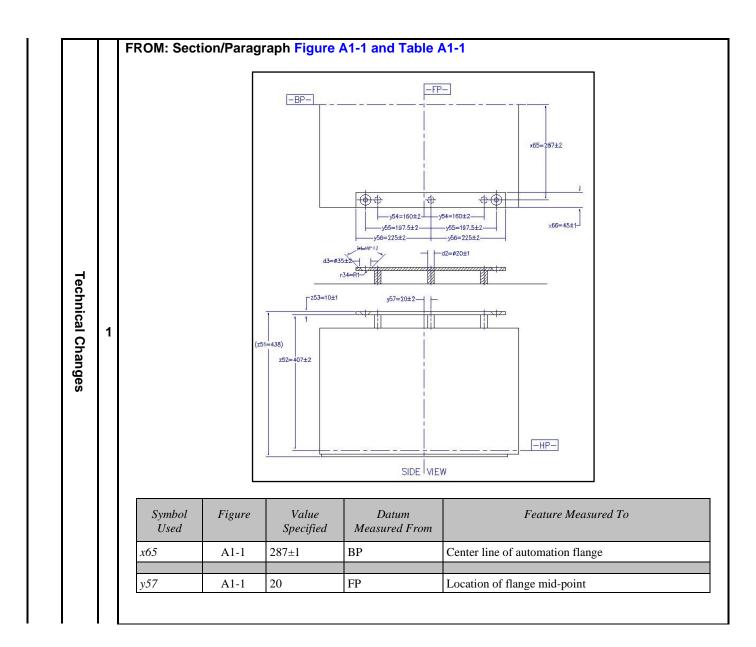


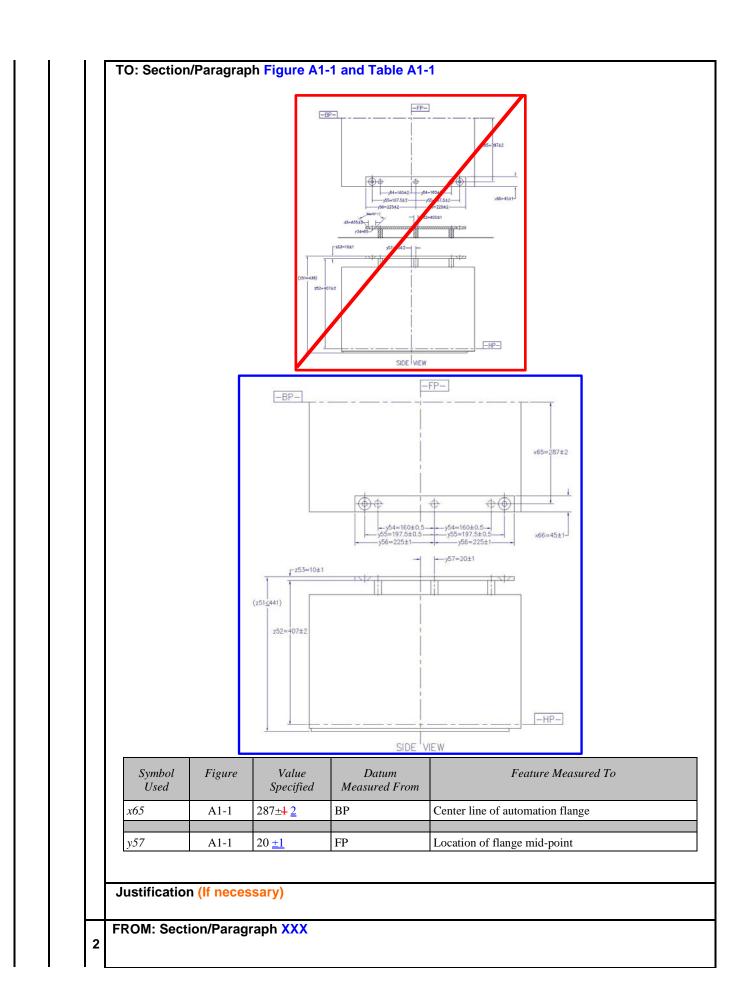
Symbol Used	Figure	Value Specified	Datum Measured From	Feature Measured To	
r40	A1-3 ≤ 10 <u>5</u>		z10	Optional conveyor guiding surface	
z55	A1-3 < 20 <u>18</u>		HP	Top of optional conveyor guiding surface	
z56	6 A1-3 2±1 15±1		HP	Bottom of optional conveyor guiding surface	

			Justifi	catio	n (If	ne	cessary)						
			FROM:	FROM: Section/Paragraph XXX									
		2	TO: Se	TO: Section/Paragraph xxx									
			Justification (If necessary)										
	Moti	on				Ne	egative is a	ddressed by the technical change(s).					
	Moti	on l	by/2 nd b	у		Sł	noji Komat	su (Acteon) / Tsukasa Fukunaga (Shin-l	Etsu Polymer)				
	Disc	uss	ion			nc	one						
						6 Y-0 N; Motion passed.							
		Result of Vote (check one)				X	2/3 ≤ [Neg change(s)	gative is addressed by the technical	GO TO "Incorporation of the Technical Change" subsection				
		Ì		,			[Negative change(s)	is not addressed by the technical).] < 2/3	GO TO "Final" subsection → (E)				
		Mo	otion			To incorporate the technical change(s).							
	ncol Tec	Mo	otion by	/2 nd	by	Shoji Komatsu (Acteon) / Tsukasa Fukunaga (Shin-Etsu Polymer)							
	rpor hnic	Di	scussio	n		none							
	atio al C					7	Y-0 N; Moti	on passed.					
	Incorporation of the Technical Change	ı	Result o	_	-	X	90% ≤ [Aç	gree to incorporate.]	GO TO "Final" subsection → (F)				
	he e		(check	one)			[Disagree	to incorporate.] >10%	GO TO "Final" subsection → (E)				
							(B)	Not related					
							(C)	Related and not persuasive					
Final	(ch	(check one)				(E) Related and persuasive and not addressed by technical change			DOCUMENT FAILS				
_		X					(F)	Addressed by technical change					
	•		ck if able)		Со	mment generated. See Section V-(ii) Comment # X.							

Issue 3

			TTC Chapter to choose											
_	Origin	A re	eason not addressed by	a Vote	response									
ес		***	TO OL SUCCESCO CONTRACTOR	a tana 12 ana	a decident de la									
hn	Referenced	*TF/TC Chapter to fill in including text in the ballot as appropriate.												
Technical Issue	Section/ Paragraph	Fig	ure A1-1 and Table A1-	-1										
SS			*Original Comment text, if applicable, and problem statement, including justification											
ue	Reason	and	and suggestion, should be copied.											
	11000011	I fo	I found some mistakes regarding tolerances in Appendix 1.											
Hand	Handle technical issue identified above as a Negative.													
		Х	'Related' is mutually ag	reed ur	oon (Needs no mot	ion)		GO TO "Persuasive"						
			•	•	•			subsection						
	Motion and		Negative is not related											
	Reason		Negative is not related business. (Needs ≥2/3			urren	t IC	Chapter meeting as new						
	(check one)		business. (Needs 22/3	Votes	ιο ρασσ.)									
			Reason											
ᄱ	Motion by/													
Related	2nd by	Nar	me (Company)/Name (C	ompany	<u>()</u>									
ted	Discussion													
		XX Y-XX N; Motion passed/failed.												
		·												
	Result of Vote (check one)		[Negative is not related	GO TO "Persuasive" subsection										
			2/3 ≤ [Negative is not re	00 TO "Fix-III										
			2/3 ≤ [Negative is not	of	GO TO "Final" subsection → (B)									
			current TC Chapter me	Subsection 7 (b)										
		X Negative is related and persuasive. (Needs >1/3 votes to pass.)												
	Motion and	, ,												
	Motion and Reason		Negative is related and	to nass)										
	(check one)		110gativo io folatoa and		10 page.,									
			Reason	XXXX										
			Neason											
Persuasive	Motion by/ 2 nd by	Sho	oji Komatsu (Acteon) / Ts	sukasa	Fukunaga (Shin-Ets	u Pol	yme	r)						
ıasi	Discussion	non	ne											
٧e		7 Y	-0 N; Motion passed											
				.1				GO TO "Address by						
		X	[Negative is related and persuasive.] > 1/3	a	Is a technical	Х	Υ	Technical Change						
	Result of Vote		•		change recommended?			Option" subsection						
	(check one)		[Negative is related and persuasive.] < 2/3	d not	(check one)		N	GO TO "Final" subsection → (E)						
			2/3 ≤ [Negative is relate	ed	00.70 " "									
			and not persuasive.] <		GO TO "Final" su	bsec	tion	1 → (C)						
. A			ecommendations	_ 										
Add	Original section fields.	/para	agraph number and at	least oi	ne full sentence are	req	uire	d in "FROM" and "TO"						
I	nelus.													





		TO: Section/Paragraph xxx								
		Justifi	catio	n (lf	ne	cessary)				
	Moti	on			Ne	egative is a	ddressed by the technical change(s).			
ľ	Moti	on by/2 nd b	у		Sł	noji Komat	su (Acteon) / Tsukasa Fukunaga (Shin-	Etsu Polymer)		
	Disc	ussion			nc	ne				
ŀ					7 `	Y- 0 N; Mo	tion passed			
	Result of Vote (check one)			X	2/3 ≤ [Ne change(s)	gative is addressed by the technical).]	GO TO "Incorporation of the Technical Change" subsection			
					[Negative change(s]	is not addressed by the technical).] < 2/3	GO TO "Final" subsection → (E)			
	_	Motion			To incorporate the technical change(s).					
	ncoi Tec	Motion by	/2 nd	by	Shoji Komatsu (Acteon) / Tsukasa Fukunaga (Shin-Etsu Polymer)					
	nic por	Discussio	n		none					
	atio al C				7 Y- 0 N; Motion passed					
ļ	Incorporation of the Technical Change		t of Vote		X	90% ≤ [Aç	gree to incorporate.]	GO TO "Final" subsection → (F)		
	he e	(check	one			[Disagree	to incorporate.] >10%	GO TO "Final" subsection → (E)		
						(B)	Not related			
						(C)	Related and not persuasive			
!	(check one)				(E)		Related and persuasive and not addressed by technical change	DOCUMENT FAILS		
<u> </u>	X					(F)				
	•	heck if olicable)		Со	mm	ent genera	ted. See Section V-(ii) Comment # X.			

V. Comments

V- (i) Voters' Comments
Commenter 1 (Larry Hartsough/UA Associates) - Comment 1

	110	HILE	i i (Lairy	Hartsough/OA Associates) - Comment 1						
		*TF	/TC Chapter	to fill in section/paragraph #, if necessary.						
	Comment	Comments: 1. The Referenced Documents and Standards section and the Terminology section are not required; see PM3.8.3.2. They could be omitted from the Subordinate Specifications if the TC Chapter so desires. Unless, of course, there are refs/terms used there that are not in the Primary. Removal could be considered a Type 1 editorial change, I think.								
ŀ		The	e TC Chapte	r agreed to do one of the following actions.						
		*No	motion is I	equired in this step.						
ļ	>		Already addressed by Commenter #, Comment #							
	Action		No further a	action was taken by the TC Chapter.						
ľ			Refer to the	e TF for more consideration.						
			New Business							
		Χ	Editorial Ch							
			Options	Case 1: No vote in this section:						
			for editorial	To be included and voted on as a group in § VI. Editorial Changes Other than Those Voted on in § V.						
			change	Case 2: Voted in this section:						
			(check one)	Original section number and at least one full sentence are required in "FROM" and "TO" fields.						
		FROM: Section/Paragraph 3 3.1 and NOTE 1								
			3. Referenced Standards and Documents							
			3.1 SEMI Standards and Safety Guidelines							
			SEMI 3D20 — Specification for Panel Characteristics for Panel Level Packaging (PLP) Applications							
	п		NOTE 1: The SEMI Physical Interfaces & Carriers Global Technical Committee is developing a Specification for Panel FOUP and Panel FOUP Load Ports intended to be used in conjunction with this Document.							
	Δ+; Δ	1	TO: Section	on/Paragraph 3, 3.1 and NOTE 1						
	orial Changes		3. Referen	ced Standards and Documents						
	פאי		3.1 SEMI St	andards and Safety Guidelines						
			SEMI-3D20	Specification for Panel Characteristics for Panel Level Packaging (PLP) Applications						
ľ	,			The SEMI Physical Interfaces & Carriers Global Technical Committee is						
				g a Specification for Panel FOUP and Panel FOUP Load Ports intended to conjunction with this Document.						
				on (If necessary)						
			- Cuomioun							
		2	FROM: Se	ction/Paragraph						
L										

			n/Paragraph on (If necessary)					
М	otion	1	To approve above editorial change(s)					
М	otion	by/2 nd by	Shoji Komatsu (Acteon) / Tsukasa Fukunaga (Shin-Etsu Polymer)					
D	Discussion		There was a discussion if it was OK to delete Terminology section by th editorial change during Ballot Review. The TC Chapter chose safer option.					
V	Vote		6 Y-0 N; Motion passed.					

This table is needed for each Comment accompanied a Vote

V-(ii) Comments Created by Handling Negative None

VI. Editorial Changes Other than Those Voted on in § V

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* ¶ 9.6.2.1.2)

APPROVAL CONDITION 2: At least 90% of the sum of valid Voting Interest Accept and Voting Interest Reject Votes must be Accept. (*Regulations* ¶ 9.6.2.1.3)

Note: If both approval conditions are not satisfied, the Document fails.

		Accepts		(Accepts + Valid Rejects)			
Approval Rate	=	38	/	38	=	100.0%	≥90%

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

Note: See Regulations § 9.6.2 for further information.

Globally Approved (No Ratification Ballot needed):

The Letter Ballot meets the Letter Ballot approval conditions

The Letter Ballot meets the Letter Ballot approval conditions for the global technical committee.

Need a Ratification Ballot:

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

VIII. Safety Check

X

Note: See Regulations § 15 for further information.

	X	This is not a Safety Document , when all safety-related information is removed, the Documer is still technically sound and complete. (<i>Regulations</i> ¶ 8.7.1)											
Motion	This is a Safety Document, when all safety-related information is removed, the Document technically sound and complete. (<i>Regulations</i> ¶ 8.7.2)												
				klist (<i>Regulations</i> ¶ 15.3) is complete and has been included with the Document he balloting process. (<i>Regulations</i> ¶ 15.1.2)									
	Motion by/2 nd by			Shoji Komatsu (Acteon) / Tsukasa Fukunaga (Shin-Etsu Polymer)									
	D	iscı	ıssion	none									
		Vo	ote	7XX Y-XX N; Motion passed or failed									

IX. Intellectual Property (IP) Check

Note: This Letter Ballot 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	that n	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	GO TO SECTION X.						
		The question is answered in affirmative	Is any of the known IPs a patented		Yes, at least one of them is a patented technology	GO TO IX (a) "Patented Technology" subsection				
			technology?		No	GO TO IX (b) "Copyright items" subsection				

IX(a) Patented Technologies subsection

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

	TOTAL HAITING OF CITY		3	
# Fill	(I) Known Patented Technology that might be relevant to	# Fill	technologies first became known to the TC Chapter on or after the day	Postpone assessment of such patented technologies to be performed at the next scheduled TC Chapter meeting.
numbe		# Fill	(n) Number of patented technologies first became known to the TC Chapter before the day of the issuance of this Letter Ballot	GO TO IX (a2)

IX(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				se of this		YES PROCEED to assess NEXT one, or if this is the last one, GO TO IX(a3)		
technology #1 found to be "might be material" to the Standard/Safety Guideline?		justified'	•		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.

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

LOA Status of PMPT #1	LOA Status of PMPT #1									
		YES		PROCEED to check NEXT one, or if this is the last one, GO TO IX(b)						
Has an LOA for this patented technology		NO	М		Ask ISC for sp	ecial permission to publish.				
been received from every owner?			MOTION		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 IX(b1)				
			Mot	tion	by/ 2 nd by	Name (Company)/Name (Company)				
			Dis	cuss	sion	XXXX				
			Vot	е		XX Y-XX N; Motion passed (or failed)				

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

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

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

IX(b2) Assessment of disclosed copyrighted items

Disclosed copyrighted item #1 (Brief description of its use in the Document):									
Is disclosed copyrighted		YES	Is the use/reproduction of		YES	PROCEED to assess NEXT one, or if this is the last one, GO TO IX(b3)			
item #1 used or reproduced in the Standard/Safety Guideline?		0	this copyrighted item technically justified?		NO	The Document is failed and returned to the TF			
		NO	No further action is nee	ded f	for copyrig	hted item #1			

This table is needed for each disclosed copyrighted item.

IX(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				ROCEED to assess NEXT one, or this is the last one, GO TO IX(c)		
from its owner?.		NO	Μ		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 IX(c)
	Mot	ion	by/ 2 nd by	Name (Company)/Name (Company)
	Disc	cuss	sion	XXXX
	Vot	е		XX Y-XX N; Motion passed (or failed)

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

IX(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 IX(d)
							The Document is failed and returned to the TF
			NO	GO TO IX(d)			

IX(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 IX(a1)	YES	Sections IX(a2) and IX(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 X (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 X

X. Action for This Document

			Document passed TC Chapter review as balloted and will be forwarded to the ISC A&R r procedural review.						
M			ment passed TC Chapter review with editorial changes and will be forwarded to th SC for procedural review.						
Motion	X	editorial ch	ment passed TC Chapter review with technical changes and with or without hanges and will be forwarded to the ISC A&R SC for procedural review. A n Ballot will be issued to verify the technical changes.						
		This Docu	cument failed TC Chapter review and will be returned to the TF for rework.						
		This Docu	ment failed TC Chapter review and work will be discontinued.						
Motion by/ 2 nd by		•	Shoji Komatsu (Acteon) / Tsukasa Fukunaga (Shin-Etsu Polymer)						
Discussion			none						
Vote			6 Y-0 N						
	Final Action		X Motion passed						
Final Action		ACTION	Motion failed						

Note: If the use of PMPT or copyrighted item is justified by the TC Chapter, LOA or release form must be received before publication can proceed.