

Deadline of Submission of Comments: 2-Sep-24

Document Number: ANSI/ASB BPR 021, Second Edition

Document Title: Best Practice Recommendation for the Preparation of Test Impressions from Footwear and Tires

Comment #	Text Line # (s)	Document Section	Type of Comment	Current Document Wording	Proposed Revision	Revision Justification	Final Resolution
			E-Editorial T-Technical				
1	N/A	Header page 1	E	www.aafs.org/academy-standards-board (hyperlink to www.aafs.org/academy)	www.aafs.org/academy-standards-board (hyperlink to www.aafs.org/academy-standards-board)	Current hyperlink does not work.	ASB Staff will update hyperlinks, punctuation and any other formatting in line with the ASB Styly manual prior to publication
2	N/A	Header page 2	E	2nd reference to www.aafs.org/academy-standards-board (hyperlink to www.aafs.org/academy)	www.aafs.org/academy-standards-board (hyperlink to www.aafs.org/academy-standards-board)	Current hyperlink does not work.	ASB Staff will update hyperlinks, punctuation and any other formatting in line with the ASB Styly manual prior to publication
3	N/A	Header page 2	E	3rd reference to www.aafs.org/academy-standards-board (hyperlink to www.aafs.org/academy)	www.aafs.org/academy-standards-board (hyperlink to www.aafs.org/academy-standards-board)	Current hyperlink does not work.	ASB Staff will update hyperlinks, punctuation and any other formatting in line with the ASB Styly manual prior to publication
4	N/A	Forward - 1st paragraph	T	"attempt to reproduce the conditions present when the questioned impression was made"	"attempt to reproduce certain conditions that may have been present when the questioned impression was made (e.g., potential matrix and substrate)"	It is almost always impossible to know what the conditions were since we did not see the questioned impression being made. This language should be qualified in some way to acknowledge that we are just using our best judgement to determine these apparent conditions based on the information present in the impression and on the known.	Accept with modification. The last part of the sentence was removed. And attempt to reproduce the conditions present when the questioned impression was made.
5	N/A	Forward - 2nd paragraph	E	"association/non-association between an item of footwear or tire"	"association/non-association between an item of footwear or a tire"	Add "a" for grammatical clarity.	Reject. Footwear and Tire are the standard way that the items are referenced across the ASB Standards.
6	N/A	Forward - 4th paragraph	E	(OSAC) for Forensic Science,	(OSAC) for Forensic Science.	Change comma to period at the end of the sentence.	Accept.
7	N/A	Forward - 5th paragraph	E	401 N 21st Street	410 N 21st Street	Update to correct ASB address.	Accept.
8	N/A	Forward - 7th paragraph	E	www.aafs.org/academy-standards-board (hyperlink to www.aafs.org/academy-standards-board .)	www.aafs.org/academy-standards-board (hyperlink to www.aafs.org/academy-standards-board)	Current hyperlink (with period at the end) does not work.	ASB Staff will update hyperlinks, punctuation and any other formatting in line with the ASB Styly manual prior to publication
9	N/A	Table of Contents	E	Annex A (informative) Foundational Principals	Remove section	No Foundational Principals section in the document.	Accept.
10	N/A	Table of Contents	E	Annex B (informative) Bibliography	Annex A (informative) Bibliography	Update to correct Annex letter.	Accept.
11	5	Scope	E	two and three-dimensional	two- and three-dimensional	addition of dash possibly?	Accept.
12	5	1	E	two and three-dimensional	two- and three-dimensional	Add hyphen to "two" to show inclusion with "dimensional".	Accept.
13	10	2	E	reference documents, Annex A,	reference documents. Annex A,	Separate into two sentences because it is two thoughts.	Accept.
14	13	3	E	For purposes of	For the purposes of	Add "the" for clarity.	ASB Staff will update hyperlinks, punctuation and any other formatting in line with the ASB Styly manual prior to publication
15	23	3.3	E	used to lifter impressions	used to lift impressions	Change to correct word.	Accept.
16	23	Terms	E	used to lifter impressions	used to lift impressions	lifter to lift	Accept.
17	30	3.5	E	An item of footwear or tire	An item of footwear or a tire	Add "a" for grammatical clarity.	Reject. Footwear and Tire are the standard way that the items are referenced across the ASB Standards.
18	45	3.9	E	film base material	film-based material	I am not sure if this is correct, but "film base" didn't make much sense to me.	Accept. correct to film-based
19	46	3.9	E	photo-processing machines used along with	photo-processing machines, used along with	Add a comma to add a break in a long sentence.	Accept.
20	87	4.2.5	E	Tests impressions	Test impressions	Tests to Test	Accept.
21	87-88	4.2.5	T	Tests impressions may be made by wearing the shoe and stepping or by pressing the outsole on the substrate.	Some guidance regarding the physical size of the outsole and the physical size of the wearer making the test impression when wearing the shoe and stepping. Since more research is needed to determine how this variable impacts physical size measurements, perhaps add a notation the difference in shoe/foot size match/mismatch should be documented. Perhaps also add this to the section (more research is needed to determine how physical size measurements on test impressions may vary with the physical size of the foot of the wearer making the test impressions).	Preliminary research in this area is working on best-practice recommendations, and at minimum, best practice would suggest at least recording the match/mismatch in shoe/foot size of the SME creating the impression versus the known footwear in order to negate any future claim of insufficient documentation and/or claims of unknown impact.	Accept with modification. Added "If the test impression is made by wearing the shoe, the person making the test impression, and their typical shoe size (e.g., US 9), should be recorded in the notes."

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22	93	4.2.5 a3	T		Allow adhesive/gelatin lift to rest.	Adding to language about allowing lift to rest in case it was stretched during removal of the clear cover	Accept. Added wording from the lift document "Gelatin lifters may stretch when the clear cover is removed. Take care when removing the cover to limit the stretch. Allow the lifter to rest until it returns to the original size, before making the test impression."
23	93	4.2.5	E	adhesive /gelatin	adhesive/gelatin	Remove extraneous space.	Accept.
24	93	4.2.5	E	gelatin lift	gelatin lifter	Change word for section consistency.	Accept.
25	97	4.2.5	E	gelatin lift	gelatin lifter	Change word for section consistency.	Accept.
26	103	4.2.5 b2	T		Apply even pressure throughout footwear	Adding language to talk about even pressure being applied so entire outsole is captured	Reject. Additional language is not needed as the FSP may be making only a partial impression as well as making multiple impressions.
27	105	4.2.5 c1	E	Coat the outsole	Lightly coat the outsole	Addition of lightly so it is consistent with tire test impression language	Accept.
28	119	4.2.5 e	E			indent to match other formatting	Accept.
29	119	4.2.5	E	three- dimensional	three-dimensional	Remove extraneous space.	Accept.
30	119	4.2.5	E	e.g.	e.g.,	E.g. should have a comma after it.	Accept.
31	121	4.2.5	E	Outsole casting.	Outsole casting	Remove period for section formatting consistency.	Accept.
32	126	4.2.6	E	personnel, rescue	personnel, or rescue	Add "or" for clarity.	Accept.
33	127	4.2.6	E	personnel.)	personnel)	Remove period in the middle of the sentence.	Accept.
34	128	4.2.6	E	4.2	4.2.5	Clarify specific section of 4.2.	Accept.
35	130 footnote	4.2.6	E	1st Ed,	1st Ed.,	Add period to show Ed. is an abbreviation.	Accept.
36	149	4.3.5.1	E	offset 180 degrees of rotation	offset by 180 degrees of rotation	Add "by" for clarity.	Accept.
37	189	4.2.5 f	E			indent to match other formatting	Accept.
38	192	4.3.9	E	personnel, rescue	personnel, or rescue	Add "or" for clarity.	Accept.
39	194	4.3.9	E	in 4.3.	in 4.3.8.	Clarify specific section of 4.3.	Accept.
40	195	4.3.9	E	The photograph shall also be taken	The photographs shall also be taken	I am assuming more than one photograph will need to be taken to sufficiently document the known tire tread.	Accept with modification. Added "(s)" as there only may be one photograph taken but there could be multiple.
41	196 footnote	4.3.9	E	1st Ed,	1st Ed.,	Add period to show Ed. is an abbreviation.	Accept.
42	197	4.3.9	T		Add language about photographing the entire circumference.	Not sure if that is the intent of the statement or just a small portion is sufficient.	Reject. A portion of the tire is sufficient for elimination purposes.
43	206	4.4.3	E	all individuals involved,	all individuals involved.	Change comma to period at the end of the sentence.	Accept.
44	208	4.4.4	E	on a vehicle; One person	on a vehicle; one person	Remove capital letter mid-sentence.	Accept.
45	214	4.5.1	T	impression was made.	impression was presumed to have been made.	It is almost always impossible to know what the conditions were since we did not see the questioned impression being made. This language should be qualified in some way to acknowledge that we are just using our best judgement to determine these apparent conditions based on the information present in the impression and on the known.	Reject. One of the limitations is that the FSP does not know how the impression was made.
46	220	4.5.5	T	The word 'considered' could be mistaken to imply that the FWT examiner should be 'considering' the results of those other analyses prior to their own.	"Other relevant evidence should be collected prior to making test impressions because that process may prove destructive."		Accept with modification. Edited sentence to be more clear on that the examiner is considering that there may be other evidence found on the shoe.
47	232	Annex A	E	1st Ed,	1st Ed.,	Add period to show Ed. is an abbreviation.	Accept.
48	237	Annex A	E	pp. 689.	pp. 689-701.	Include full range of pages.	Accept.
49	240	Annex A	E	using Biofoam	using Biofoam®	Document title includes ® sign.	Accept.
50	240	Annex A	E	1994 44(1)	1994, 44(1)	Add comma for clarity.	Accept.
51	252	Annex A	E	1982 27(4)	1982, 27(4)	Add comma for clarity.	Accept.

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			E-Editorial T-Technical				Final Resolution
3		ASB template and footnotes a and b	E	AAFS Academy Standards Board, AAFS Standards Board, Academy Standards Board	pick one	Based on how ASB is defined, references to it should either be AAFS Academy Standards Board or simply Academy Standards Board. If "Academy" is supposed to be a shortened version of "AAFS", then the formal name should not be AAFS Academy Standards Board.	accept (change all to "AAFS Standards Board")
4		4.2.6.a.3	E	gelatin lifter. Gelatin lifters may stretch when the clear cover is removed	Gelatin lifters can (or could) stretch when the clear cover is removed	The ASB style guide states "May" is used to express a course of action that is permissible	accept (edit from "may" to "can")
2	197-198	4.3.10	E	"...tires belonging to vehicles who accessed the scene, such as police officers, fire department personnel, or rescue personnel"	"...tires belonging to vehicles that accessed the scene, such as from..."	grammatical disagreement between "who", "vehicles", and examples listed	accept (edit from "who" to "that")
1	226-227	4.5	E	"Other evidence... that could be found on the shoe shall be considered..."	include tire	The statement applies to both footwear and tires. The end of the sentence acknowledges tires, but it is missing from the beginning.	accept (add "or tire")

Deadline of
Submission of 24-Mar-25
Comments:
Document Number: ANSI/ASB BPR 021 e2
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			E-Editorial T-Technical				Final Resolution
1		4.3.6	E		Add, 'When the car is in gear it moves too quickly to capture impressions safely. The application of the breaks can cause smearing of the impressions. If the vehicle is unable to be pushed (due to size, weight, location, etc.) multiple test impressions may have to be captured if smearing occurs.	I thought it might be helpful to add why the recommendation of pushing the vehicle is made as it may not be obvious to everyone. The wording is just a suggestion and can be edited.	Reject: Consensus Body discussed during meeting on 5/16/2025 and did not think the additional wording was necessary as this is not a training document.
2		4.5.2	E		Add, 'Therefore, footwear and tires should be preserved along with the test impressions, when possible.	Although this is implied I thought it was worth adding additional guidance.	Reject: Consensus Body discussed during meeting on 5/16/2025 and did not think the additional wording was necessary.