

TEST REPORT EN 14960-1:2019		
Inflatable play equip	ment Part 1: Safety requirements and test methods	
Report Reference No	08.05.24.0161.0	
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Date of issue	2024-03-29 X2144	
Testing Laboratory	Anxin Product Test Service Co., Ltd	
Address:	Floor 2, Yuanjing Building, No.899, Sanyuanli Dadao, Guangzhou	
Applicant's name:	East Inflatables Manufacturing Co.,Ltd	
Address:	21 Longhua Road, Liuhe District. Nanjing, China	
Test specification:		
Standard:	EN 14960-1:2019	
Test procedure:	SCT	
Non-standard test method	N/A	
Test Report Form No	EN 14960-1:2019	
Test Report Form(s) Originator:	SCT	
Master TRF:	2024-03	
Test item description	Inflatable toys	
Trade Mark	N/A	
Manufacturer	East Inflatables Manufacturing Co.,Ltd	
Address	21 Longhua Road, Liuhe District. Nanjing, China	
Factory	East Inflatables Manufacturing Co.,Ltd	
Address:	21 Longhua Road, Liuhe District. Nanjing, China	
Model/Type reference:	Bouncy Castles, Inflatable bouncer, Inflatable combo, Inflatable castles, Inflatable slide, Inflatable water slide, Inflatable games, Inflatable tunnel, Inflatable sport, Inflatable playground, Inflatable bstacle course, Inflatable water park, Inflatable Theme Park	
Ratings:	Maximum height of the user:2.0m; Maximum weight of each user: 100Kg; Maximum number of users: 1 user for each m ² ; the power input of blower: 220-240V~, 50Hz, Class I, IP24B, Max.2400W	



Copy of marking plate:	
East Inflatables Manufacturing Co.,Ltd	East Inflatables Manufacturing Co.,Ltd
Inflatable toys	Inflatable toys
Model: Bouncy Castles	Model: Inflatable bouncer
Maximum height of the user:2.0m; Maximum weight of each user: 100Kg; Maximum number of users: 1 user for each m ² ; the power input of blower: 220-240V~, 50Hz, Class I, IP24B, Max.2400W	Maximum height of the user:2.0m; Maximum weight of each user: 100Kg; Maximum number of users: 1 user for each m ² ; the power input of blower: 220-240V~, 50Hz, Class I, IP24B, Max.2400W
Year of the manufacture: 2024-03	Year of the manufacture: 2024-03
The standard: EN 14960-1:2019	The standard: EN 14960-1:2019
21 Longhua Road, Liuhe District. Nanjing, China	21 Longhua Road, Liuhe District. Nanjing, China
East Inflatables Manufacturing Co.,Ltd	East Inflatables Manufacturing Co.,Ltd
Inflatable toys	Inflatable toys
Model: Inflatable combo	Model: Inflatable castles
Maximum height of the user:2.0m; Maximum weight of each user: 100Kg; Maximum number of users: 1 user for each m ² ; the power input of blower: 220-240V~, 50Hz, Class I, IP24B, Max.2400W	Maximum height of the user:2.0m; Maximum weight of each user: 100Kg; Maximum number of users: 1 user for each m ² ; the power input of blower: 220-240V~, 50Hz, Class I, IP24B, Max.2400W
Year of the manufacture: 2024-03	Year of the manufacture: 2024-03
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21 Longhua Road, Liuhe District. Nanjing, China	21 Longhua Road, Liuhe District. Nanjing, China
East Inflatables Manufacturing Co.,Ltd	East Inflatables Manufacturing Co.,Ltd
Inflatable toys	Inflatable toys
Model: Inflatable slide	Model: Inflatable water slide
Maximum height of the user:2.0m; Maximum weight of each user: 100Kg; Maximum number of users: 1 user for each m ² ; the power input of blower: 220-240V~, 50Hz, Class I, IP24B, Max.2400W	Maximum height of the user:2.0m; Maximum weight of each user: 100Kg; Maximum number of users: 1 user for each m ² ; the power input of blower: 220-240V~, 50Hz, Class I, IP24B, Max.2400W
Year of the manufacture: 2024-03	Year of the manufacture: 2024-03
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East Inflatables Manufacturing Co.,Ltd	East Inflatables Manufacturing Co.,Ltd
Inflatable toys	Inflatable toys
Model: Inflatable games	Model: Inflatable tunnel
Maximum height of the user:2.0m; Maximum weight of each user: 100Kg; Maximum number of users: 1 user for each m ² ; the power input of blower: 220-240V~, 50Hz, Class I, IP24B, Max.2400W	Maximum height of the user:2.0m; Maximum weight of each user: 100Kg; Maximum number of users: 1 user for each m ² ; the power input of blower: 220-240V~, 50Hz, Class I, IP24B, Max.2400W
Year of the manufacture: 2024-03	Year of the manufacture: 2024-03
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21 Longhua Road, Liuhe District. Nanjing, China	21 Longhua Road, Liuhe District. Nanjing, China



East Inflatables Manufacturing Co.,Ltd	East Inflatables Manufacturing Co.,Ltd
Inflatable toys	Inflatable toys
Model: Inflatable sport	Model: Inflatable playground
Maximum height of the user:2.0m; Maximum weight of each user: 100Kg; Maximum number of users: 1 user for each m ² ; the power input of blower: 220-240V~, 50Hz, Class I, IP24B, Max.2400W	Maximum height of the user:2.0m; Maximum weight of each user: 100Kg; Maximum number of users: 1 user for each m ² ; the power input of blower: 220-240V~, 50Hz, Class I, IP24B, Max.2400W
Year of the manufacture: 2024-03	Year of the manufacture: 2024-03
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East Inflatables Manufacturing Co.,Ltd	East Inflatables Manufacturing Co.,Ltd
Inflatable toys	Inflatable toys
Model: Inflatable bstacle course	
	Model: Inflatable water park
Maximum height of the user:2.0m; Maximum weight of each user: 100Kg; Maximum number of users: 1 user for each m ² ; the power input of blower: 220-240V~, 50Hz, Class I, IP24B, Max.2400W	Maximum height of the user:2.0m; Maximum weight of each user: 100Kg; Maximum number of users: 1 user for each m ² ; the power input of blower: 220-240V~, 50Hz, Class I, IP24B, Max.2400W
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21 Longhua Road, Liuhe District. Nanjing, China	21 Longhua Road, Liuhe District. Nanjing, China
Inflatable toys Model: Inflatable Theme Park Maximum height of the user:2.0m; Maximum weight of each user: 100Kg; Maximum number of users: 1 user for each m ² ; the power input of blower: 220-240V~, 50Hz, Class I, IP24B, Max.2400W Year of the manufacture: 2024-03 The standard: EN 14960-1:2019 21 Longhua Road, Liuhe District. Nanjing, China	



General remarks:	
The test results presented in this report relate only to the This report shall not be reproduced, except in full, with aboratory.	
"(See Enclosure #)" refers to additional information ap	
"(See appended table)" refers to a table appended to the	•
Throughout this report a point is used as the decimal	separator.
Summary of testing:	
The submitted sample was complied with EN 14960-1	2019
Test item particulars:	
Classification of installation and use:	
Supply Connection:	
Class of protection:	Class I
Possible test case verdicts:	
- test case does not apply to the test object:	N/A
- test object does meet the requirement:	P(Pass)
- test object does not meet the requirement:	F(Fail)
Testing:	
Date of receipt of test item:	2024-03-08
Date (s) of performance of tests:	2024-03-08 to 2024-03-29



Remark	Verdict
Komunk	Verdiet
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Clause	Requirement + Test Result - Remark	Verdict
	Clamber netting (commonly laid on slopes to form foot and hand holds) shall be securely fixed to prevent lifting by the user. The rope from which it is made shall be at least 12 mm in diameter and shall be securely knotted. Strand ends shall be treated to prevent fraying. Care shall be taken when heat sealing so as not to form hard or sharp edges.	P
4.1.4	Ropes	N/A
	Ropes shall be fixed at both ends and the total amplitude of swing shall not exceed 20 % of the distance between the fixing points such that it shall not be possible to make a loop in the rope of large enough diameter to allow probe E to pass through (see Figure D.1).	N/A
	The rope diameter shall be between 18 mm and 45 mm.	N/A
	Fibre ropes (textile type) shall conform to EN ISO 9554 or EN ISO 2307. Alternatively, a works certificate shall be supplied stating the material used and the safe working load. Monofilament plastics ropes shall not be used.	N/A
4.1.5	Zips	Р
	Zips shall withstand air pressures and tension generated within the structure. Zips used for entrances and exits shall be reliable, easy to use, able to open from both sides and shall allow access and egress by adults. Zips used for deflation purposes shall have the puller hidden from view (e.g. by a flap or pocket).	P
4.1.6	Dangerous substances and decorative finishes	Р
	Dangerous substances shall not be used for inflatable play equipment in such a way that they can cause adverse health affects to the user. Paints and other decorative finishes shall conform to EN 71-3.	P
4.2	Design	Р
4.2.1	Anchorage	Р
	The inflatable shall be provided with an anchorage and/or ballast system and any necessary accessories enabling the inflatable to be securely fixed to the ground. Each inflatable shall have at least six anchorage points.	age points P
	The number of anchorage points shall be calculated in accordance with Annex A. They shall be distributed around the perimeter of the inflatable (see also 4.2.3) and shall be fitted with metal ends.	Р
	The maximum wind- speed in which inflatables shall be used outdoors is 38 km/h (Force 5 on the Beaufort Scale); see Annex B.	Р



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Clause	Requirement + Test	Result - Remark	Verdict
	When used outdoors, the inflatable shall be secured to the ground, preferably with ground stakes where the ground is suitable. Each anchorage point on the inflatable and all of the components of the anchorage and/or ballast system, e.g. ropes, webbings, metal attachments, stakes, weights, shall withstand a force of 1 600 N. The direction of the exerted force shall be at an angle to the ground of 30° to 45°. Ground stakes shall incline away from the direction of the exerted force. Ground stakes shall be a minimum of 380 mm in length and a minimum of 16 mm in diameter		P
	and their tops shall be rounded. The system shall expose no more than 25 mm of the stake above ground level (and Figure 2)		Р
	the stake above ground level (see Figure 3). When the inflatable is used indoors, the anchorage and/or ballast system should be used, when necessary, to maintain stability.		Р
	1 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		Ρ
	1 direction of force 2 rounded tops 3 grout Figure 3 — Examples of ground stakes On hard standing where ground stakes cannot be used, the inflatable shall be secured to the ground by equally effective method, e.g. attaching each of the anchorage points to fittings already in the ground, or to sandbags or other weights, if these are capable of supporting the 1 600 N load. If the inflatable is secured to a vehicle or other movable machinery, such vehicles or machinery shall be immobilised and be under the control of an operator.	Ind level	Ρ
4.2.2	Structural integrity		Р
	The minimum air pressure inside the structural parts of the inflatable shall be 1 kPa (100 mm water gauge). Inflated chambers that are entered by the user are not considered to be structural parts of the inflatable, e.g. enclosed dome type inflatables. Pressure in the playing area of soft mountains shall be no greater than 0,25 kPa (25 mm water gauge), but shall maintain a pressure sufficient to prevent grounding. Pressure in the surrounding safety apron of soft mountains shall be at least 1 kPa (100 mm water gauge); see Figure 4.		P

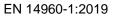


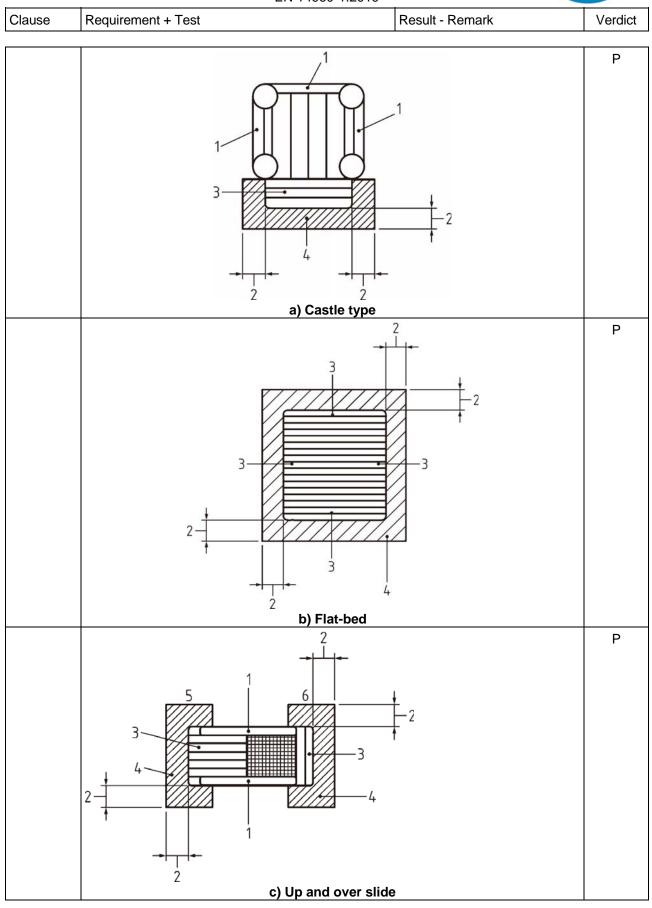
Clause	Requirement + Test	Result - Remark	Verdict
	The depth of the trough on the surface of any platform shall be a maximum of 33 % of the width of the adjacent panel, measured when inflated (see Figure 5).		Р
	Containing walls shall be vertical $(90 \pm 5)^{\circ}$. Towers that support containing walls shall be in the same plane. Containing walls and towers shall be strong enough to contain the largest and/or heaviest user for whom the inflatable is designed.		Ρ
	Playing areas, surrounding safety aprons, steps and/or ramps shall support the weight of the largest and/or heaviest user for whom the inflatable is designed, without grounding. See Annex C for the test method.		Р
	1 3 2 2 Key 1 surrounding safety apron 2 tread depth 3 playing area Figure 4 — Section through a soft mountain		Ρ
	Key a depth of trough — measured when inflated b width of adjacent panel Figure 5 — Trough depth		Ρ
4.2.3	Access/egress		P
	A step or ramp shall be wide enough to cover the entire access/egress aperture with overlap, according to Figure 6.		Р
	A step or ramp shall have a tread depth of a minimum of 1,5 times the height of the adjacent playing area platform to which it is attached (see Figure 6).		Р



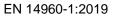
	EIN 14960-1.2019	
Clause	Requirement + Test Result - Remark	Verdict
	The playing area of soft mountains shall be	Р
	completely surrounded by an inflated safety apron.	•
	This safety apron shall have a minimum tread	
	depth of 1,6 m or 0,5 times the height of the playing	
	area measured from the ground when inflated and	
	in the unloaded condition, whichever is greater.	
	In the event of air supply failure, the deflation time	Р
	shall be sufficient to allow users of the inflatable to	
	be evacuated safely.	
	Inflatables shall be designed to ensure that adults	Р
	are able to gain access in order to assist users.	•
	On any open side, the free height of fall shall be no The free height of fall were 20	
		Р
	greater than 630 mm from the ground in the to 63cm	
	unloaded condition, (600 mm in the loaded	
	condition).	
	On any open side, the extent of the impact area	Р
	shall be at least 1,2 m. The surface in the impact	•
	area shall meet the requirements for impact	
	attenuation so that the critical fall height of the	
	surfacing, according to EN 1177, is at least 630	
	mm. The impact areas of adjacent inflatables	
	and/or other play equipment shall not overlap.	
	Materials such as soil, turf and sand have some	Р
	impact attenuating properties. Impact absorbing	
	mats may be used (see Figure 7). See also 4.2.8.	
	Siting	
		Р
	3	
	2	
	4	
	a) step detail	
		Р
		·
	2 4	
	b) rome detail	
	b) ramp detail	
	Key 1 overlap 2 open side 3 height of adjacent playing area platform	
	4 tread depth 5 step 6 ramp Figure 6 — Step or ramp detail	

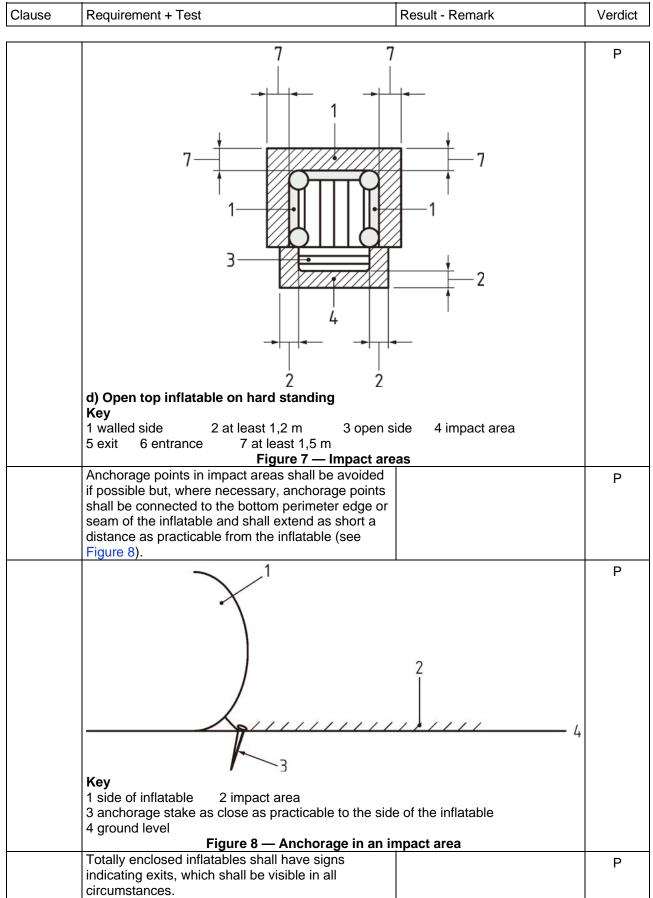












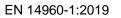


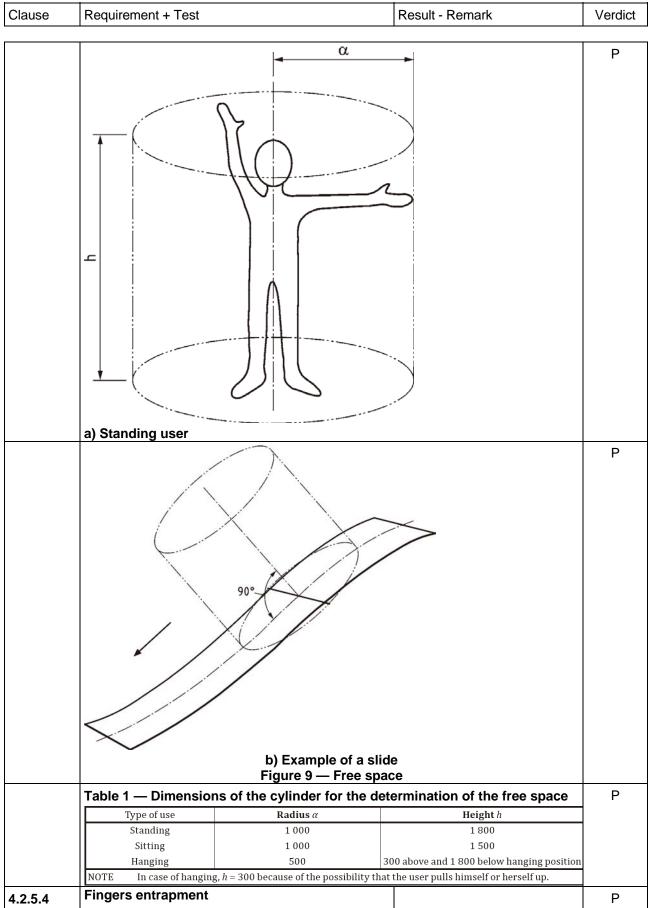
Clause	Requirement + Test	Result - Remark	Verdict
	When designed for more than 15 users, there shall be more than one exit, and users shall never be more than 5 m from an exit.		N/A
4.2.4	Blowers		Р
	Blowers shall be protected to a minimum of IP23B as defined in EN 60529, except that the 8mm finger rod, as illustrated in Figure 2, shall be used instead of the jointed 12 mm test finger.	IP24B	Р
	The 8 mm finger rod may pass through the guard mesh but shall not, in any position, come into contact with any moving part, hot surface or exposed electrical connections.		Р
	The blower shall be positioned at least 1,2 m from a walled side and 2,5 m from an open side. The connection tube shall be long enough to allow this.	More than 1.2m	Р
	If a blower is sited inside the inflatable structure, it shall be at least 2,5 m from the playing area, safety apron, step and/or ramp.		Р
	The blower, including cabling and controls, shall not be readily accessible to the public.		Р
4.2.5	Entrapment		Р
4.2.5.1	General Test probes shall be applied with a force of 222 N unless otherwise stated in the text.		Р
4.2.5.2	Entrapment of the head and neck		Р
	Inflatables shall be constructed so that any openings do not create head and neck entrapment hazards by either head first or feet first passage. Hazardous situations in which this type of entrapment can be encountered include the following:		P
	 — completely bound openings through which a user may slide feet first or head first; 		Р
	- partially bound or V-shaped openings;		Р
	— other openings (e.g. shearing or moving openings).		Р
	a) Completely bound openings		Р
	Accessible completely bound openings with a lower edge more than 600 mm above a platform shall be tested in accordance with D.2.1.		Р
	Probes C or E shall not pass through any opening unless it also allows the passage of the large head probe D.		Р
	b) Partially bound and V-shaped openings		Р
	Partially bound and V-shaped openings with an entrance at 600 mm or more above a platform shall be constructed so that either:		Р
	1) the opening is not accessible when tested in accordance with D.2.2, or		Р



		t	
Clause	Requirement + Test	Result - Remark	Verdict
	2) if accessible at a position of 600 mm or more		Р
	above a platform when tested in accordance with		
	D.2.2, depending on the angular orientation range		
	of the opening (see Figure D.4), shall conform to		
	the following:		
	Range 1: (template centre line \pm 45° from vertical);		Р
	when the template apex contacts the base of the		
	opening, the depth of the opening shall be less than		
	the length of the template to the underside of the		
	shoulder section.		
	Range 2: (template centre line from horizontal to +		Р
	45°); when the template apex contacts the base of		
	the opening, the depth of the opening shall be less		
	than the 'A' portion of the template. If the depth of		
	the opening is greater than the 'A' portion of the		
	template, all parts of the opening above the 'A'		
	portion shall also allow insertion of the shoulder		
	section of the template or probe D.		_
	Range 3: No template test requirements.		Р
	c) Other openings (e.g. shearing or moving openings)		Р
	Non-rigid members (for example ropes) shall not		
	overlap if, by doing so, they create openings that do		Р
	not conform to the requirements for completely		
	bound openings.		
4.2.5.3	Entrapment of clothing/hair		Р
4.2.0.0	Inflatables shall be constructed so that hazardous		
	situations including:		Р
	a) gaps or V-shaped openings in which a part of		
	clothing can become trapped while or immediately		Р
	before the user is undergoing a forced movement,		
	b) protrusions, in which clothing entrapment can be		
	encountered are not created.		Р
	Slides shall be constructed so that openings		
	located within the free space (see Figure 9) do not		Р
	trap the toggle when tested in accordance with D.3.		
	The cylindrical space is shown in Figure 9 and its		
	dimensions are given in Table 1. In determining the		Р
	free space, the possible movements of the		
	equipment and the user shall be taken into account.		
	Special consideration should be given when using		П
	elements of circular cross-section, e.g. round tubes		Р
	or poles, to avoid clothing entanglement within the		
	falling space.		
	Roofs shall be constructed so that they do not trap		
	the toggle when tested in accordance with D.3.		Р
	Spindles and rotating parts shall be constructed so		
	as to prevent entanglement of clothing or hair.		Р
	as to prevent entangioment of dottning of hall.	ļ	ļ









Clause	Requirement + Test Result - Remark	Verdict
	Inflatables shall be constructed so that there are no hazardous gaps in which fingers can be trapped while the rest of the body is moving or continuing in	Р
	motion involuntarily, e.g. sliding, bouncing.	
	Openings within the free space, where the user is subjected to forced movement, and holes which have a lower edge more than 1,0 m above the platform when tested in accordance with Annex D (D.4), shall conform to one of the following requirements:	P
	a) 8 mm finger rod (see Figure 2), when applied with a force of 30 N, shall not pass through the minimum cross section of the opening and the profile of the opening shall be such that the rod cannot be locked in any position when set in motion as given in Figure D.10; or	Р
	b) if the 8 mm finger rod passes through the opening, the 25 mm finger rod (see Figure 10), when applied with a force of 30 N shall also pass though the opening provided that the opening does not permit access to another finger entrapment site.	Р
		P
	Figure 10 — 25 mm finger rod Body entrapment	
4.2.5.5	Adjacent inflated surfaces shall be more than 120	P P
	mm apart if the aperture formed is more than 200 mm deep (see Figure 11).	
	a) Wall to tower attachment at A forms an entrapment point. Wall to tower	P



	EN 14960-1:2019	
Clause	Requirement + Test Result - Remark	Verdict
	Requirement + rest Result - Remark 2 4 4 7 5 4 6 5 b) Large slide at B forms an entrapment point. The ball fixed at A does not form an entrapment point. Key 1 walled castle viewed from above 5 less than 120 mm 2 section across playing area 6 wall to tower attachment point	P
	3 wall to tower attachment point 7 less than 200 mm 4 more than 200 mm 8 more than 120 mm	
	Figure 11 — Entrapment	
	Inflatable tunnels:	P
	— An inflatable tunnel of 75 cm length or less shall, for the purposes of this standard, be regarded as a squeeze.	P
	— A tunnel of between 75 cm and 2,0 m length shall be of at least 50 cm internal diameter.	P
	— A tunnel of more than 2,0 m length shall be of at least 75 cm internal diameter.	P
	Inflatable squeeze:	Р
	— A squeeze shall not be longer than 75 cm.	Р
	— The diameter of the initial opening shall be at least 40 cm.	Р
	 The smallest aperture of the squeeze shall allow the large head probe to pass through with the application of a force of 222 N. 	P
	The entire length of the inner squeeze panel shall be capable of being expanded to at least 40 cm diameter.	Р
4.2.6	Hard objects, sharp angles and edges	Р
	There shall be no hard and/or sharp angles or edges in any part of the inflatable accessible to the users (e.g. outside seams with a raw edge, square inflated corners, sharp-pointed cones).	Р
	Users shall not be able to come into contact with any hard object placed inside or adjacent to the inflated structure while it is in use or during accidental deflation.	P
	Any hard object positioned over the playing area and supported by air pressure shall have an additional independent support system.	Р
4.2.7	Electrical installations	Р
	Electrical installations shall conform to applicable national standards/regulations.	Р



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Clause	Requirement + Test	Result - Remark	Verdict
	Controls of electrical installations shall not be		_
	readily accessible to the public.		Р
	Electrical cables shall be secured away from users		Р
	and the public.		Р
4.2.8	Siting		Р
	The inflatable shall be sited well away from		р
	possible hazards such as overhead power lines or		P
	other obstacles with hazardous projections (e.g.		
	fences and/or trees).		
	The inflatable shall not be erected on a site with		Р
	more than a 5 % slope in any direction.		
	The site shall be cleared of debris and/or sharp		Р
	objects on, or embedded in, the surface.		
	If, for crowd-control purposes, a perimeter fence is used, it shall be at least 1,8 m from walled sides		Р
	and at least 3,5 m from open sides. A gateway shall		
	be 1,0 m wide (see Figure 12).		
	When inflatables are sited on hard standing and		Р
	operated with fewer than one supervisor per		Г
	inflatable, the impact area shall be extended to a		
	width of 1,5 m so that any hard standing onto which		
	a user might be liable to fall from a height greater		
	than 630 mm in the unloaded condition shall be		
	covered with impact attenuating material commensurate with the critical fall height measured		
	from the ground to the relevant fall height, e.g. top		
	of the wall. This requirement shall not be necessary		
	if all such places from which a user might be liable		
	to fall onto hard standing are securely and		
	permanently covered so as to contain the user (see		
	Figure 7 d)).		
			Р
	2		
	2 2		
	1		
	3-		
	4		
	 5		
	Key 1 at least 1,8 m 2 walled side		
	3 at least 3,5 m 4 open side 5 1 m ga		
	Figure 12 — Positioning of peri		



Clause	Requirement + Test Result - Remark	Verdict	
Clause	Requirement + Test Result - Remark	veruici	
	A clear area, free of any obstacle that could cause	Р	
	injury, shall be maintained around the inflatable.	Г	
	The extent of this clear area shall be established by		
	dividing the height of the highest platform by two.		
	The minimum clear area shall be 1,8 m on walled		
	sides and 3,5 m on open sides (see Figure 13).		
	An exception to this rule is when an inflatable with inflated walls is sited directly against a solid wall or	Р	
	walls, for example the walls of a building. In such a		
	case, the solid wall(s) shall be 2,0 m higher than		
	the highest platform height unless the platform has		
	a permanent roof. Use of this exception shall not		
	result in the creation of additional hazards.		
	× 87	Р	
	6-		
	4-		
	2-		
	1 1.8 3 5		
	1 1.6 5 5		
	y		
	Кеу		
	x height of highest platform		
	y extent of clear area Figure 13 — Clear area around inflatable		
4.0.0	Containment		
4.2.9		Р	
	Containing wall height shall be measured from the	Р	
	surface of the platform to the top of the wall, at 90°		
	to the platform. Walls for containing users, known as outside walls,	_	
	are required where the platform height is greater	P	
	than 0,6 m.		
	Inflatables with a platform height between 0,6 m The containing wall height	Р	
	and 3,0 m shall have a containing wall height equal more than the height of the		
	to at least the height of the user. Containing walls user or 1.8m.		
	of 1,8 m height are sufficient for users of any		
	height.		



	EN 14960-1.2019		
Clause	Requirement + Test	Result - Remark	Verdict
	 Inflatables with a platform height between 3,0 m and 6,0 m shall have a containing wall height at least 1,25 times the height of the user, or the platform area shall be permanently roofed to contain the user. Inflatables with a platform height over 6,0 m shall have containing walls and a permanent roof fitted (see Figure 14). 		P N/A
	The minimum internal height of such containing walls and permanent roof, measured from the surface of the platform to the under-side of the roof, shall be at least 0,75 m.		Р
	Ino containing walls required 2 containing walls required 2 containing walls required 5 containing walls required 5 containing walls required 1,25 times user height 3 containing walls required 4 alternative to 3, add a permanent roof 5 both containing walls and permanent roof required Figure 14 — Containing wall heights on platforms		P
4.2.10	Wall heights on slopesSlopes of less than 30° shall be treated as a		P P
	platform. Containing wall heights on slopes shall be measured from the surface of the slope to the top of the wall, at 90° to the slope.		P
	The height of the containing walls on the slope of a slide or climbing ramp of more than a 30° inclination shall be, for the first metre at the top, at least the height of the user and for the remainder, at least 50 % of the height of the user (see Figure 15).	The containing walls more than 50 % of the height of the user, and the containing walls of the first metre at the top were surrounded by network or more than the height of the user	Ρ



<u>.</u>		
Clause	Requirement + Test Result - Remark	Verdict
	On a slope or climbing ramp over 6,0 m high, containing walls and a permanent roof shall be fitted. The minimum internal height of such containing walls and roof, measured from the surface of the slope to the under-side of the roof, shall be 75 cm.	N/A
	On bounce/slide combinations, where the highest platform height is 1,5 m or lower (measured from the ground) and provided that users are forced to sit or crouch on entering the slide, containing walls for the highest 750 mm of the slope shall be at least 50 % of user height and for the remainder of the slope at least 300 mm.	Ρ
	Nope and account 1 2 4 5 1 9 4 9 10 10 10 10 10 10 10 </td <td>P</td>	P
4.2.11	Run-out	Р
	All slides shall include a run-out section at the bottom which shall have an average inclination of not more than 10°.	Р
	The length of the run-out section, measured from the end of the radius or angle at the bottom of the sliding section, shall be a minimum of 50 % of the height of the highest platform of the slide, measured from the ground and in any case, a minimum of 300 mm.	Ρ
	When a stop-wall is fitted at the end of the run-out section, 50 cm shall be added to the length of the run-out. The height of a stop-wall shall be at least user height. The height of the containing walls on the sides of a run- out section, if fitted, shall be at least 50 % of the user height.	р



Clause	Requirement + Test	Result - Remark	Verdict
4.2.12	Ventilation		Р
	The playing area shall be well-ventilated.		Р
4.3	Number of users		Р
	To determine the maximum safe number of users allowed to play on an inflatable at one time, the designer shall consider all circumstances which might affect the safe number.		Р
	These include:		Р
	a) height of the user;	Maximum height of the user: 2.0m	Р
	b) size of the playing area;		Р
	c) type of activity, e.g. bouncing, sliding;		Р
	d) inflated shapes mounted on the playing area;		Р
	e) access and egress.		Р
	This list is not exhaustive.		Р
4.4	Supervision		Р
	An inflatable shall not be used without supervision.		Р
	When an inflatable is unattended, it shall be deflated and the power source disabled.		Р
	The controller shall determine the number and suitability of supervisory personnel required to operate inflatables safely by considering matters such as the maximum number of users marked on inflatables, the age of the users, the environment in which inflatables are being used, the visibility of playing areas and the information provided by the manufacturer/supplier. Supervisory personnel consists of one operator and as many attendants as determined by the controller. Supervisory personnel shall be easily recognized.		P
5	Test methods and reports		—
	Before testing, the equipment shall be assembled according to the manufacturer's/supplier's instructions. Testing shall be carried out using the most appropriate method, e.g. measurement, visual examination, practical tests.		P
	Test reports shall be prepared in accordance with EN ISO/IEC 17025:2017, 7.8.2.1 and include, at least, the following:		P
	a) number and date of this European Standard;		-
	b) details of the equipment tested;		P P
	 c) details of the condition of the equipment including any defects observed; 		P P
	d) test results.		Р
	Test reports shall be supplied upon request to owners/controllers/operators.		P
6	Information to be provided by the supplier/manu	facturer	—



Clause	Requirement + Test	Result - Remark	Verdict
6.1	General product information		Р
	The supplier/manufacturer shall provide information in the appropriate language(s) of the country in which the equipment is to be installed and used. The information shall:	English	P
	a) be printed legibly and in a simple form;		Р
	 b) be conveyed using illustrations wherever possible; 		Р
	c) include, at least, details of installation, operation, inspection and maintenance.	See the manual	Р
6.2	Pre-information		Р
	The supplier/manufacturer shall provide information concerning the safety of the equipment prior to accepting an order. This information shall include, at least, the following where relevant:		Р
	a) height clearance and space required to operate the equipment safely;		Р
	b) surfacing requirement;		Р
	c) overall packed dimensions and weight;	See the manual	Р
	d) intended age range or height range and number of users allowed;	Minimum age of 3 years old	Р
	e) certification of conformity with this standard.		Р
6.3	Installation information		Р
	The supplier/manufacturer shall provide installation information which shall include, at least, the following:		Р
	a) list of equipment;	See the manual	Р
	 b) method of anchorage and number of anchor points; 		Р
	c) maximum safe wind speed;	less than 38km/h	Р
	d) siting, height and space requirement;		Р
	e) maximum allowable slope of the site;	5°	Р
	f) crowd control measures;		Р
	g) need to keep users off of the inflatable during inflation and deflation;		Р
	h) type and size of blower required.		Р
6.4	Operating information		Р
	The supplier/manufacturer shall provide operating information which shall include, at least, the following information and instructions: Need for/to:		Р
	a) constant supervision;	Check the toy every use	Р
	b) admit users to the inflatable in a controlled and safe manner;		Р
	c) restrict the maximum height of the user to the design height;	Maximum height of the user: 2.0m	Р
	d) restrict the maximum number of users at one time to the design number;	Maximum number of users: 1 user for each m ²	Р



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Clause	Requirement + Test	Result - Remark	Verdict
	e) use at least the minimum number of operating personnel;	two operating personnel	Р
	f) users to remove their footwear;		Р
	g) users to remove hard, sharp or dangerous objects from their person;		Р
	h) users to remove glasses when practicable;		Р
	i) prohibit the consumption of food, drink and gum;		Р
	j) keep the entrance free from obstruction;		Р
	 k) prohibit the users from climbing or hanging on the containing walls; 		Р
	I) prohibit somersaults and rough play;		Р
	m) operator and/or attendants to watch the activity on the inflatable constantly;		Р
	n) operator and/or attendants to use a whistle or other signal to attract the attention of the users;		Р
	 o) operator and/or the attendants to separate larger, more boisterous users from smaller ones; a) inflate bla to be supported during an fuelling of a 		Р
	 p) inflatable to be evacuated during re-fuelling of a blower powered by an internal combustion engine. 		Р
	The supplier/manufacturer shall also provide information on what to do in the event of an emergency or accident.		Р
6.5	Inspection and maintenance information		Р
	The supplier/manufacturer shall provide information on the inspection and maintenance of the equipment. The information shall specify the type and frequency of inspections.		Р
7	Inspection, maintenance and alteration		_
7.1	Inspection		Р
7.1.1	General Inflatable play equipment shall be inspected at suitable intervals to ensure that deterioration in the equipment is detected and remedied in good time.		Р
7.1.2	Routine Inspection		Р
	The controller shall carry out, or appoint a person to carry out, routine inspection.		Р
	Routine inspection shall be carried out before use each time the equipment is made available for use. The check shall include that:		Р
			P
	- site is suitable;		P
	— all anchorages are secure and in place;		P
	 — ancillary equipment is in position (e.g. impact- absorbing mats); — there are no significant holes or rips in the fabric 		P
	— there are no significant noies of rips in the fabric or seams; — correct blower is being used;		P
	 — correct blower is being used, — internal air pressure is sufficient to give a firm and reliable footing; 		P P



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Clause	Requirement + Test	Result - Remark	Verdict
	- there are no exposed electrical parts and no		Р
	wear on cables; — plugs, sockets, switches, etc. are not damaged;		Р
	— connection tube and blower are firmly attached		P
	to each other;		
	 blower is safely positioned and its mesh guards are intact. 		Р
	The equipment shall not be used by the public until any defects identified in the routine inspection have been rectified.		P
7.1.3	Annual inspection		Р
	The controller shall ensure that an annual inspection is carried out by an inspection body which shall include any part of the inflatable and its ancillaries which may affect safe operation of the equipment. It shall include checks of:		Р
	 previous inspection reports and certificates where appropriate; 		Р
	 identification of the inflatable and blower (e.g. serial numbers); 		Р
	— anchorage system for wear, rips or chafing;		Р
	 — type and number of ground anchors or ballast for conformity with the design specification; 		Р
	— inflatable structure for wear or rips in the fabric;		Р
	 walls and towers (when fitted) for firmness and uprightness; 		Р
	 internal air pressure to be sufficient to give a reliable and firm footing; 		Р
	 internal ties for wear and tear, particularly at loose or exposed ends; 		Р
	— bed seams, wall-to-bed seams and wall-to-tower connections;		Р
	- mesh guards at the inlet and outlet of the blower;		Р
	 — condition of the impellor and blower casing; 		Р
	- condition of electrical wiring and/or installations;		Р
	 presence of the fuel cap (petrol-engined blowers). 		Р
	Inspection of some of these items may need to be done inside the inflatable. The above list is not exhaustive.		Р
7.2	Maintenance		Р
7.2.1	General Carrying out of repairs while the equipment is in use shall be avoided.		Р
7.2.2	Routine maintenance		Р
	Preventative measures to maintain levels of safety and performance. Such measures include:		Р
	- cleaning the inflatable;		Р
	- removal of debris and contaminants;		Р
	— rust control on the blower;		Р



			-
Clause	Requirement + Test	Result - Remark	Verdict
	- cleaning the blower air intake.		Р
7.2.3	Corrective maintenance		P
1.2.3	Measures to correct defects or to re-establish the		P
	necessary levels of safety. Such measures include:		Г
	 replacement of worn or defective parts; 		Р
	- repair of splits or delaminated seams;		Р
	- repair of holes and cuts;		Р
	 repair or replacement of defective structural components. 		Р
7.3	Alteration Alteration to any part of the equipment that could affect its essential safety shall only be carried out after consultation with the supplier/manufacturer or a competent person. The equipment shall only be put into use again when alterations have been inspected and passed by an inspection body.		P
8	Marking	•	
	Each inflatable shall be legibly and permanently		Р
	marked with, at least, the following:		
	 — type and size of blower required; 	220-240V~, 50Hz, Class I, IP24B, Max.2400W	P
	— maximum height of user;	Maximum height of the user: 2.0m	Р
	— maximum number of users;	Maximum number of users: 1 user for each m ²	Р
	— unique identifying number(s);		Р
	— year of manufacture;	2024-03	Р
	 name and address of one of either the supplier/manufacturer, importer or authorized representative; 		Р
	- number and date of this European Standard.		Р
	Connection tube(s) shall be marked so as not to be confused with any other tube(s), e.g. inspection tubes, deflation tubes.		Р
	These markings shall all be clearly visible when the equipment is in use.		Р
	Each blower shall be legibly and permanently marked with, at least, the following:		Р
	— type and size;		Р
	— unique identifying number;		Р
	— year of manufacture;		Р
	— name and address of the supplier/manufacturer;		Р
	- number and date of this European Standard.		Р
	These markings shall all be clearly visible when the equipment is in use.		Р
9	Documentation		

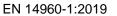


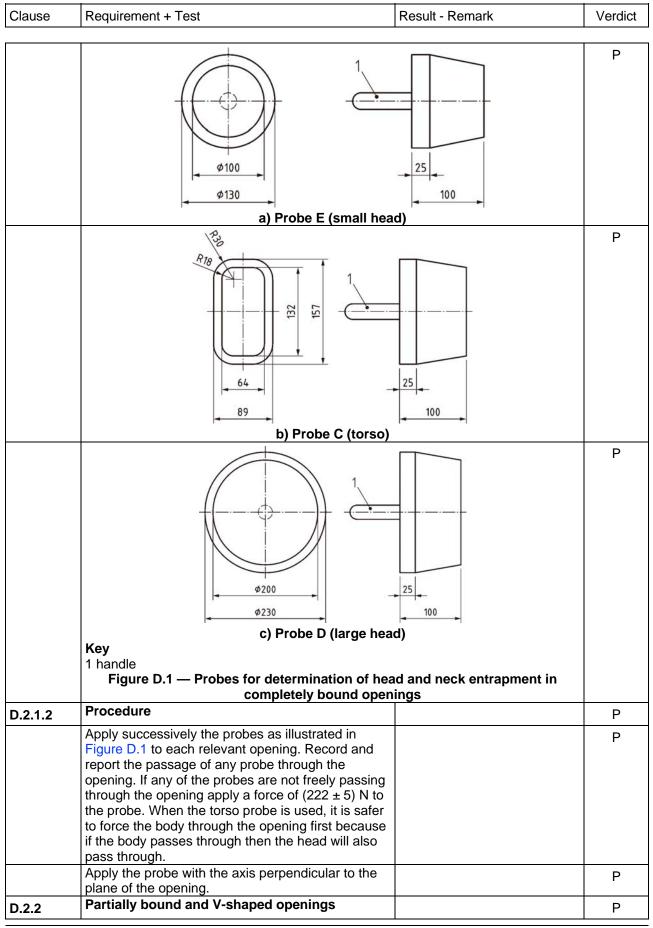
EN 14900-1.2019							
Clause	Requi	rement + Test	Resu	ult - Remark			Verdict
	1						
			keep available documentation				Р
			to the safety of the equipment.				
		shall include:					
		ormation provi					Р
		er/manufactur					
	— cer	tificate of insp	ection and testing;				Р
	— rec	ords of inspec	tion;				Р
	— rec	ords of mainte	enance;				Р
	— rec	ords of alterat	ion;				Р
	— acc	ident reports.					Р
Annex A	Calcu	lation of num	ber of anchor-points				_
			or-points required shall be				Р
			lently for each side using the				
		ing formulae a					
	First c	alculate <i>F</i> , wh	ich is the force working on each				Р
		$F = C_W$	$\rho_{V^2 \Lambda}$				
		$r = c_{W}$	-VA				
	side.		2				
		alculation sha	Il be repeated for each side				Р
Annex B	The B	eaufort Scale	e of wind force				
	The B	eaufort Scale	is a scale for measuring the				Р
	streng	th or velocity	of wind where the various				•
			sented by numbers. It was				
	formulated in 1805 by Sir Francis Beaufort and has						
	since then been periodically revised. It ranges from						
	0 (calm) when the wind is less than 1 mph (1,61						
			ne) when the wind exceeds 73				
	- · ·	117,72 km/h).					
	Table	B.1 — The B	eaufort Scale of wind force				Р
	Force	Description	Identification			speed	
	0	Calm	Smoke rises vertically.		nph < 1	km/h < 1	
	1	Light air	Direction of wind shown by smoke drift, but not by		to 3	1,1 to 5,5	
	2	Light breeze	Wind felt on face; leaves rustle, wind vanes moved		to 7	5,6 to 11	
		0	Leaves and small twigs are in constant motion. The	he wind ex-			
	3	Gentle breeze	tends a light flag.	8	to 12	12 to 19	
	4	Moderate breeze	Raises dust and loose paper. Small branches are mo	oved. 13	to 17	20 to 28	
	5	Fresh breeze	Small trees in leaf begin to sway.		to 24	29 to 38	
	6	Strong breeze	Large branches in motion. Whistling heard in teleg Umbrellas difficult to use.	raph wires. 25	to 30	39 to 49	
	7	Near gale	Whole trees in motion. Inconvenience felt when wall wind.	king against 31	to 38	50 to 61	
	8	Gale	Twigs break off trees. Walking impeded.	39	to 46	62 to 74	
	9	Strong gale	Slight structural damage occurs. Chimney pots an dislodged.	d slates are	to 54	75 to 88	
	10	Storm	Trees uprooted. Considerable structural damage of	ccurs. 55	to 63	89 to 102	
	11	Violent storm	Widespread damage occurs.		to 72	103 to 117	
	12	Hurricane		>	73	> 118	



Clause	Requirement + Test		Result - Re	emark		Verdict
Clause	Requirement + Test Requirement + Test d_2 Key If $d > 1$ m then $d1 = 0.5$ m		Result - Re	emark		P
	 If d < 1 m then d1 = 0,5 m If d < 1 m then d1 = 1/2 d 1 m = d2 Figure C.1 — Positioning of test weights a) Draw an imaginary 1,0 m square grid on surface to be tested, starting 0,5 m from the In cases where d is less than 1,0 m, the test point shall be in the middle of d. b) Place the weight indicated in the Table C turn, onto each point where the grid lines in c) Spread the weight applied at each point circle of 36 cm diameter. 	the e edge. sting C.1, in htersect.				P P P
	Table C.1 –	– Weights	5			Р
	Designed for user height	1,0 m	1,2 m	1,5 m	1,8 m	
	Weight to be applied	, 25 kg	, 35 kg	65 kg	, 85 kg	
Annex D	Test methods for entrapment					
D.1	General Unless stated otherwise, tolerances of the probes in this annex are as follows: a) ± 1 mm for dimensions; and b) ± 1° for angles.					Р
	In situations of doubt when using the prober relating to the tolerance an accurate measu should be made to ensure the opening is in accordance with the nominal dimension of probe.	urement N				Р
	All tests shall be performed in the most one	erous				Р
D.2	way. Head and neck entrapment					P
D.2 D.2.1	Completely bound openings					P
	· · · · ·					





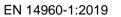


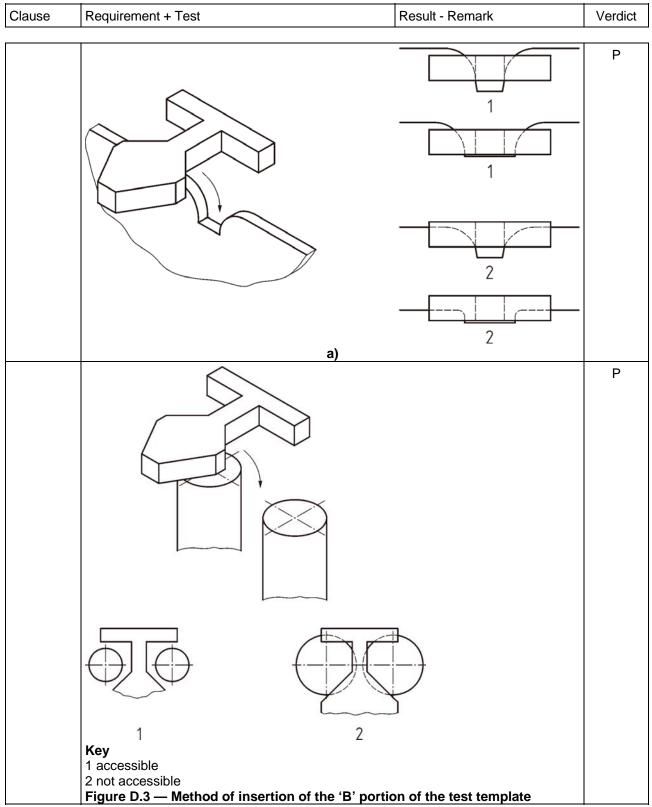


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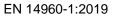
Clause	Requirement + Test	Result - Remark	Verdict
Clause	וופיווכוונד וכפו		Veruict
D.2.2.1	Apparatus Test template, as illustrated in Figure D.2.		Р
D.2.2.1	Test template, as illustrated in Figure D.2.	$B1 \left\{ \begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$	P
D.2.2.2	•		Р
<u>U.L.L.L</u>	Position the 'B' portion of the test template between and perpendicular to the boundaries of the openin as shown in Figure D.3. Record and report whether the template fits within the boundaries of the opening or if it cannot be inserted to its full thickness.	ng,	P
	If the test template can be inserted to a depth greater than the thickness of the template (45 mm apply the 'A' portion of the test template, so that it centre line is orientated to check the extremities o the opening as well as the centre line.	S	Р
	Ensure that the plane of the test template is parall and applied in line with the opening, as shown in Figure D.4.	el	Р
	Insert the test template along the opening until its motion is arrested by contact with the boundaries the opening. Record and report the results including the angle of the template centre line relative to the vertical and horizontal axes (see Figure D.4) as this will determine the pass/fail requirements given in 4.2.5.2. See Figure D.5 and Figure D.6 for examples of the assessment for the different angular ranges	of	P

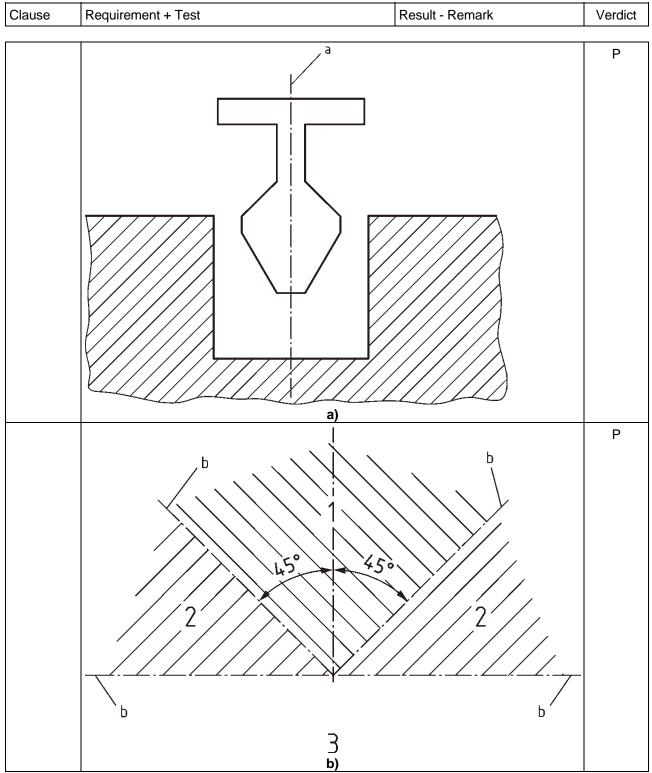




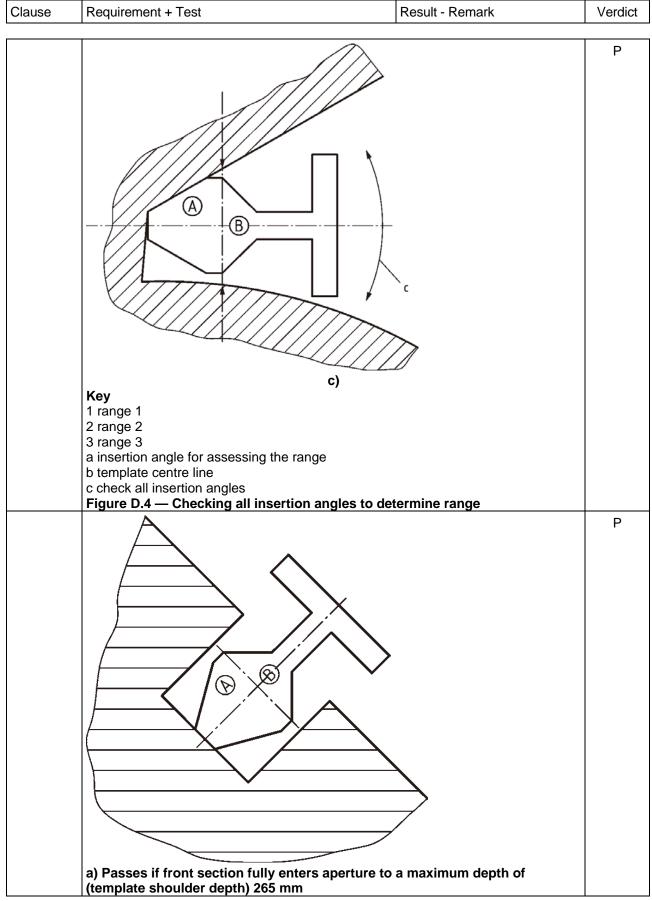




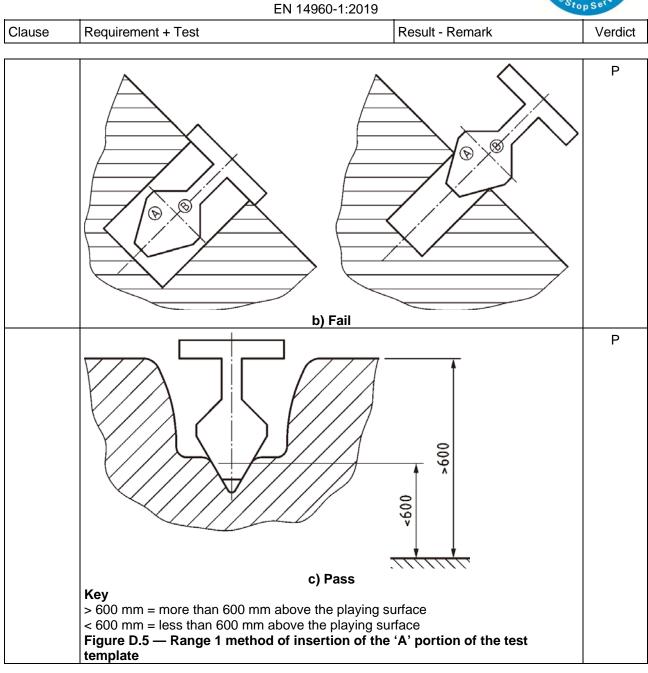




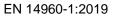


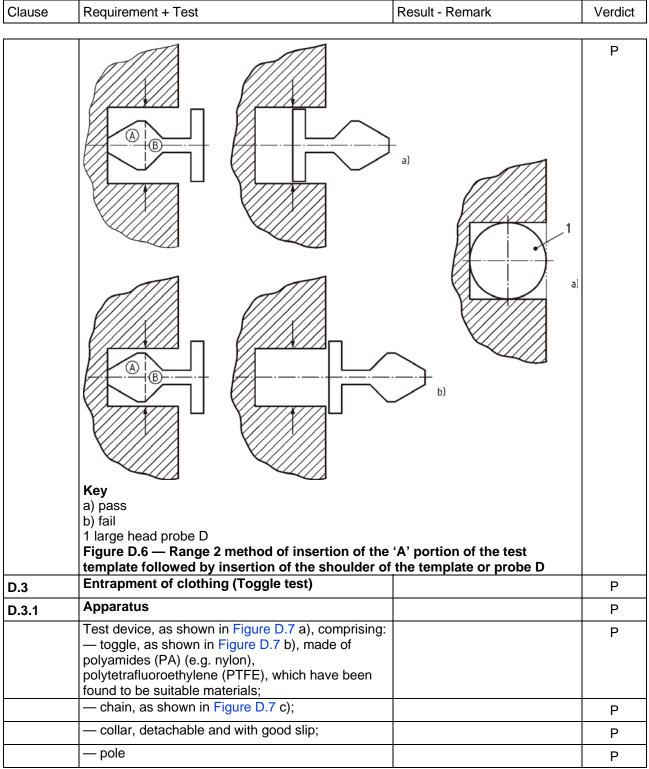




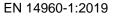


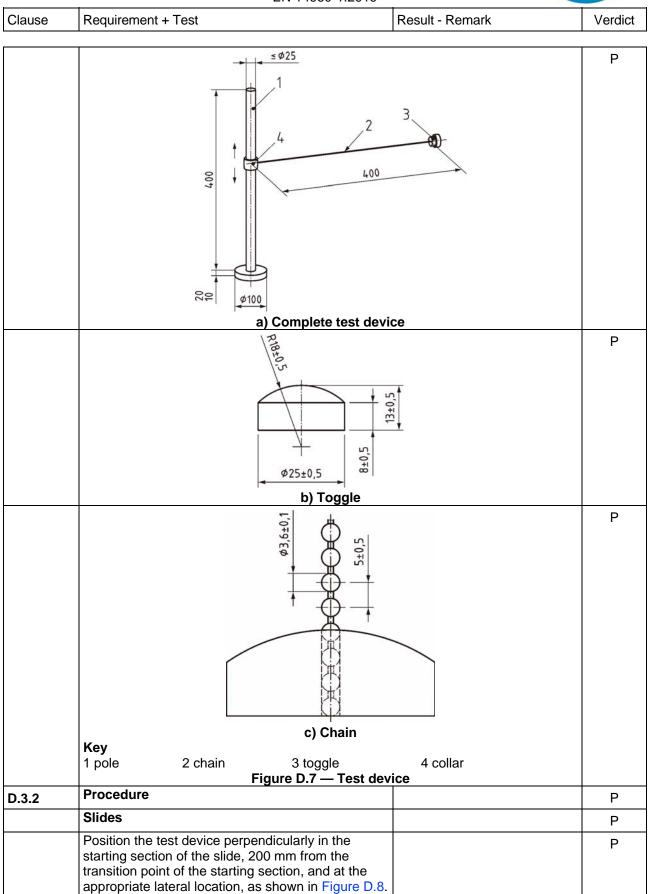














	EIN 14900-1.2019		
Clause	Requirement + Test	Result - Remark	Verdict
			1
	Randomly place the toggle and chain under the		Р
	action of its own weight to all positions within range,		
	without applying additional force or influence. In the event that the test device is obstructed, apply		
	a maximum force of 50 N in the direction of the		Р
	forced movement. If the device is released this		
	position within the equipment passes the test.		
	Record and report where any entrapment of the		
	toggle or chain occurs.		Р
		00/ 	Ρ
	a) Narrow slide		
	Key 1 centre line		Ρ
	Figure D.8 — Position of the test d	evice on slides	
D.4	Finger entrapment		Р
D.4.1	Apparatus		Р
	Finger rods, as illustrated in Figure D.9.		_
	100±1	8 -0.1 8 -0.1	Р
	a) 8 mm diameter finger	rod	



	EN 14960-1:2019		StopSet
Clause	Requirement + Test	Result - Remark	Verdict
	, 100±1		
			P
		1000	
		¢25 -0,	
	b) 25 mm diameter finger red		
	b) 25 mm diameter finger rod Key		
	R spherical radius		
	Figure D.9 — Finger r	ods	
D.4.2	Procedure		Р
	Apply the 8 mm diameter finger rod to the minimum		Р
	cross section of the opening and, if the rod does		
	not pass through, rotate it as illustrated in Figure		
	D.10.		
	Record and report if the rod enters the opening and if it locks in any position when moved through the		P
	conical arc shown in Figure D.10.		
	If the 8 mm diameter finger rod passes through the		Р
	opening, apply the 25 mm diameter finger rod.		
	Record and report if the 25 mm diameter finger rod		Р
	passes through the opening and, if it does, whether		
	access is then given to another finger entrapment site.		
	60°		P
			P
	LS I		
	Figure D.10 — Rotation of the 8 mm diameter fin	aer rod	
Annex E	Test method for tear strength	go: 104	
E.1	Maximum value tongue tear, apparatus		P
	A low inertia, autographic constant rate of traverse		P
	cloth tensile testing machine of a suitable range,		F
	power- operated at a rate of (100 ± 10) mm/min.		
	Under the conditions of use, the error of the		
	indicated or recorded maximum force at any point		
	in the range in which the machine is used does not $\frac{1}{2}$ of the force. The width of jaws is not		
	exceed \pm 1 % of the force. The width of jaws is not less than the width of the specimen.		
E.2	Preparation of test specimens		Р
L.Z			F

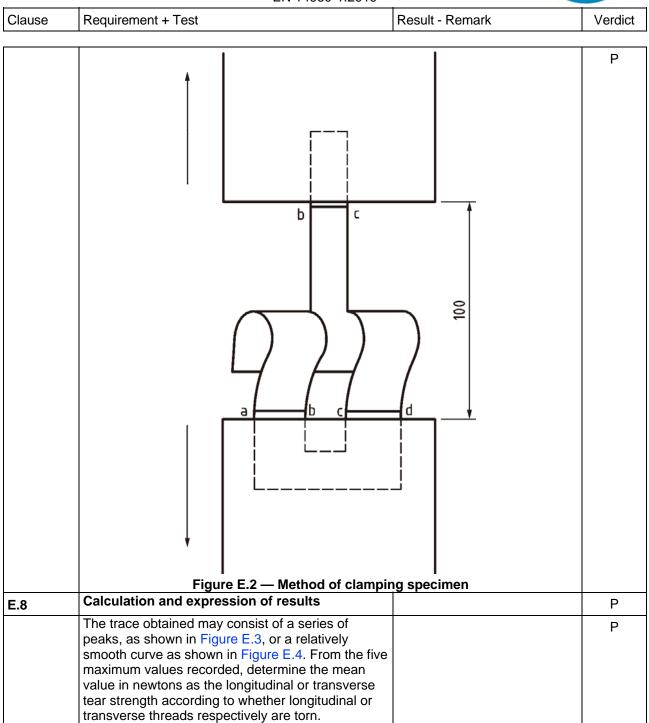


01-		
Clause	Requirement + Test Result - Remark	Verdict
	Five specimens 200 mm × 60 mm shall be cut with the longer dimension in the longitudinal direction of the roll and five more specimens shall be cut with the longer dimension in the transverse direction of the roll. The strips shall be evenly spaced from the full usable length and width of the sample and not within 50 mm of the selvedge. In each specimen, a lengthways tongue 100 mm × 20 mm shall be cut, as shown in Figure E.1; the line <i>abcd</i> shall be drawn on each face of the specimen	P
	at a distance of 50 mm from the end of the tongue. In case of coated fabrics of high tear strength, if the	
	tongue breaks or threads are pulled from the fabric instead of being broken, wider specimens, 200 mm × 150 mm, shall be used with the tongue 50 mm wide.	P
		P
	200	
	l ≺ Figure E.1 — Specimen	►
E.3	Conditioning	P
	Condition the test specimens in accordance with the following method. If determinations are to be made on wet test specimens, totally immerse these for a minimum of 1 h at (20 ± 2) °C in an aqueous solution of a non- ionic wetting agent of concentration not more than 0,1 % (m/m). Thoroughly rinse in water and test within 1 min of removal from the water.	P
E.4	Preconditioning	Р
	When the textile substrate is of a highly hygroscopic material or where the method of test requires a high degree of accuracy, moisture equilibrium (i.e. equilibrium reached by the coated fabric when, after exposure to air in motion, there is no appreciable change in mass) shall be approached from the dry side of the hysteresis curve by pre-conditioning the test pieces in an atmosphere having a relative humidity of not greater than 10 % and a temperature of between 60 °C and 70 °C.	Ρ
E.5	Characteristics of test atmospheres	Р

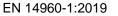


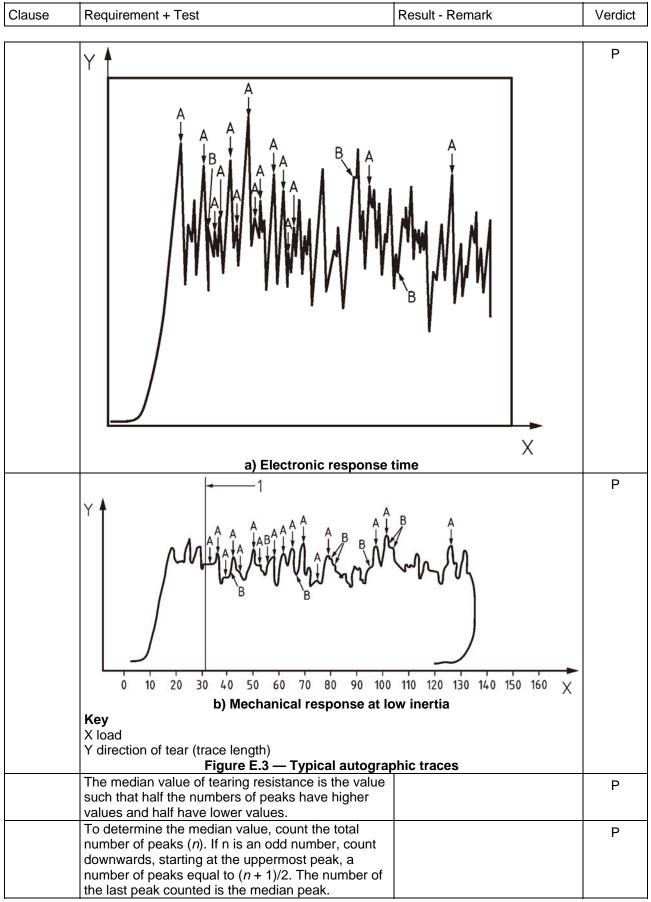
Clause	Requirement + Test	Result - Remark	Verdict
0.0.000			
	The use of one of the following atmospheres shall be fixed by the particular standard or specification for each test or material. The choice of one of these alternatives will depend on the prevalent usage in individual countries and the variant used shall be		Ρ
	reported in the test report. Atmosphere 'A' — temperature (20 ± 2) °C – relative humidity (65 ± 5) %		Р
	Atmosphere 'B' — temperature (23 ± 2) °C – relative humidity (50 ± 5) %		Р
	Atmosphere 'C' (tropical) — temperature (27 ± 2) °C – relative humidity (65 ± 5) %		Р
	Atmosphere 'D' (temperature control only) — temperature (23 ± 2) °C		Р
	Atmosphere 'E' (tropical temperature control only) — temperature (27 ± 2) °C		Р
E.6	Methods of conditioning		Р
	The test pieces shall be freely exposed to the standard atmosphere 'A', 'B' or 'C' until they are in equilibrium. Equilibrium with the standard atmosphere is deemed to have been reached when successive weighing, at intervals of 2 h, of the test pieces freely exposed to the moving air, differ by less than 0,1 %.		Ρ
	For fabrics coated on one side only, a minimum of 16 h exposure is recommended.		Р
	For fabrics coated on both sides, a minimum of 24 h is recommended.		Р
	The test pieces shall be freely exposed to the standard atmosphere 'D' or 'E' for a period of 3 h.		Р
E.7	Procedure		Р
	Carry out the tests in the atmosphere for		Р
	conditioning and testing described above.Adjust the testing machine to the rate of clamp		Р
	movement given in apparatus above and select an appropriate force capacity range. Disengage any pawls or other arrestments which would prevent twoway movement of the weighting device. Set the clamps 100 mm apart.		
	Clamp the tongue of the specimen symmetrically in the headstock jaws so that the line <i>bc</i> is just visible (see Figure E.2). Similarly, grip the legs of the specimen symmetrically in the traversing jaws so that the lines ab and cd are just visible and the legs of the specimen are parallel to the force of tear.		Ρ
	Set the traversing jaws in motion. After 60 mm of the fabric has been torn, remove the pen and disengage the drive.		Р













EN 14900-1.2019			
Clause	Requirement + Test	Result - Remark	Verdict
	If <i>n</i> is an even number, the median value is taken as midway between peaks $n/2$ and $(n/2) + 1$.		Р
	Key X load Y direction of tear (trace length) Figure E.4 — Autographic trace with	X	Ρ
E.9	Test report		Р
	The test report shall include the following particulars:		Р
	a) description of the coated fabric;		Р
	b) mean tear strength in both the longitudinal and transverse directions. Indicate clearly that the results are based on maximum values and report the method of test used. If a rip-stop fabric has been tested, report the number of rip-stop bars per unit length of the sample and the number torn through per specimen during test;		Ρ
	c) specimen size used;		Р
	d) details of any deviation from the standard test procedure;		Р
	e) number and date of this European Standard.		Р



TABLE: Leakage current			Р
Heating appliances: 1,15 x rated input:	Heating appliances: 1,15 x rated input		
Motor-operated and combined appliances: 1,06 x rated voltage	254,4		
Leakage current between	I (mA)	Max. allowe	ed I (mA)
L/N and reinforced insulation	0,01/0,01	0,2	5

	TABLE: Electric strength			Р
Test voltage applied between: Voltage (V) Breakdow		Breakdown	(Yes/No)	
L/N and rein	forced insulation	3000	No	

	TABLE: Leakage current			
	Single phase appliances: 1,06 x rated voltage: 1,06 x240=254,4			
	Three phase appliances 1,06 x rated voltage divided by $\sqrt{3}$:			
Leakage current between		I (mA)	Max. allowe	ed I (mA)
L/N and reinforced insulation		0,01/0,01	0,25	5

	TABLE: Electric strength			Р
Test voltage applied between: Voltage (V) Breakdown		(Yes/No)		
L/N and rein	forced insulation	3000	No	

TABLE: Components				
Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Mark(s) of conformity
Air blower	Various.		220-240V~, 50Hz, Max.2400W, IP24B, Class I	TUV
Line	Various.		Ø0.4- Ø0,5mm	Test with appliance
Enclosure	Various.	PVC	PVC TARPAULIN THICKNESS: 0.4- 0,5mm	Test with appliance

	Requirement test	Result remarks	Verdict
Black net	Flammability	1.6mm/s	Р
White PVC tarpaulin	Flammability	1.6mm/s	Р
Green PVC tarpaulin	Flammability	1.5mm/s	Р
Aqua PVC tarpaulin	Flammability	1.5mm/s	Р
Dark green PVC tarpaulin	Flammability	1.5mm/s	Р
Orange PVC tarpaulin	Flammability	1.5mm/s	Р
Red PVC tarpaulin	Flammability	1.6mm/s	Р
Yellow PVC tarpaulin	Flammability	1.5mm/s	Р
Blue PVC tarpaulin	Flammability	1.5mm/s	Р
Light blue PVC tarpaulin	Flammability	1.6mm/s	Р
Brown PVC tarpaulin	Flammability	1.5mm/s	Р

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Purple PVC tarpaulin	Flammability	1.5mm/s	Р
Grey PVC tarpaulin	Flammability	1.6mm/s	Р
Black PVC tarpaulin	Flammability	1.6mm/s	Р
Ecru PVC tarpaulin	Flammability	1.5mm/s	Р
Pink PVC tarpaulin	Flammability	1.5mm/s	Р
Green aqua PVC tarpaulin	Flammability	1.5mm/s	Р
Brown/green/ecru PVC	Flammability	1.5mm/s	Р
Red paint on PVC tarpaulin	Flammability	1.6mm/s	Р
White paint on PVC tarpaulin	Flammability	1.6mm/s	Р
Yellow paint on PVC tarpaulin	Flammability	1.6mm/s	Р
Green paint on PVC tarpaulin	Flammability	1.6mm/s	Р
Blue paint on PVC tarpaulin	Flammability	1.6mm/s	Р
Black paint on PVC tarpaulin	Flammability	1.6mm/s	Р
Line	Flammability	2.1mm/s	Р

Black net					
Test Item	Unit	Test Method	Result	Limit	Verdict
Aluminium	mg/kg	EN 71-3:2019+A1:2021	98.5	5 625	Pass
Antimony	mg/kg	EN 71-3:2019+A1:2021	N.D.	45	Pass
Arsenic	mg/kg	EN 71-3:2019+A1:2021	N.D.	3.8	Pass
Barium	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 500	Pass
Boron	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 200	Pass
Cadmium	mg/kg	EN 71-3:2019+A1:2021	N.D.	1.3	Pass
Chromium (III)	mg/kg	EN 71-3:2019+A1:2021	N.D.	37.5	Pass
Chromium (VI)	mg/kg	EN 71-3:2019+A1:2021	N.D.	0.02	Pass
Cobalt	mg/kg	EN 71-3:2019+A1:2021	N.D.	10.5	Pass
Copper	mg/kg	EN 71-3:2019+A1:2021	11.9	622.5	Pass
Lead	mg/kg	EN 71-3:2019+A1:2021	N.D.	13.5	Pass
Manganese	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 200	Pass
Mercury	mg/kg	EN 71-3:2019+A1:2021	N.D.	7.5	Pass
Nickel	mg/kg	EN 71-3:2019+A1:2021	N.D.	75	Pass
Selenium	mg/kg	EN 71-3:2019+A1:2021	N.D.	37.5	Pass
Strontium	mg/kg	EN 71-3:2019+A1:2021	N.D.	4 500	Pass
Tin	mg/kg	EN 71-3:2019+A1:2021	14.0	15 000	Pass
Organic tin	mg/kg	EN 71-3:2019+A1:2021	N.D.	0.9	Pass
Zinc	mg/kg	EN 71-3:2019+A1:2021	110.8	3 750	Pass

White PVC tarpaulin					
Test Item	Unit	Test Method	Result	Limit	Verdict
Aluminium	mg/kg	EN 71-3:2019+A1:2021	76.1	5 625	Pass
Antimony	mg/kg	EN 71-3:2019+A1:2021	N.D.	45	Pass
Arsenic	mg/kg	EN 71-3:2019+A1:2021	N.D.	3.8	Pass
Barium	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 500	Pass
Boron	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 200	Pass
Cadmium	mg/kg	EN 71-3:2019+A1:2021	N.D.	1.3	Pass
Chromium (III)	mg/kg	EN 71-3:2019+A1:2021	N.D.	37.5	Pass
Chromium (VI)	mg/kg	EN 71-3:2019+A1:2021	N.D.	0.02	Pass
Cobalt	mg/kg	EN 71-3:2019+A1:2021	N.D.	10.5	Pass
Copper	mg/kg	EN 71-3:2019+A1:2021	8.7	622.5	Pass
Lead	mg/kg	EN 71-3:2019+A1:2021	N.D.	13.5	Pass
Manganese	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 200	Pass
Mercury	mg/kg	EN 71-3:2019+A1:2021	N.D.	7.5	Pass
Nickel	mg/kg	EN 71-3:2019+A1:2021	N.D.	75	Pass
Selenium	mg/kg	EN 71-3:2019+A1:2021	N.D.	37.5	Pass
Strontium	mg/kg	EN 71-3:2019+A1:2021	N.D.	4 500	Pass
Tin	mg/kg	EN 71-3:2019+A1:2021	11.2	15 000	Pass
Organic tin	mg/kg	EN 71-3:2019+A1:2021	N.D.	0.9	Pass



					topSer
Zinc	mg/kg	EN 71-3:2019+A1:2021	83.1	3 750	Pass
Croop D\/C torpoulin					
Green PVC tarpaulin Test Item	Unit	Test Method	Result	Limit	Verdict
Aluminium	mg/kg	EN 71-3:2019+A1:2021	95.6	5 625	Pass
	mg/kg	EN 71-3:2019+A1:2021 EN 71-3:2019+A1:2021	95.6 N.D.	45	Pass
Antimony Arsenic	mg/kg	EN 71-3:2019+A1:2021 EN 71-3:2019+A1:2021	N.D.	3.8	Pass
Barium	mg/kg	EN 71-3:2019+A1:2021 EN 71-3:2019+A1:2021	N.D.	1 500	Pass
Boron	mg/kg	EN 71-3:2019+A1:2021 EN 71-3:2019+A1:2021	N.D.	1 200	Pass
Cadmium	mg/kg	EN 71-3:2019+A1:2021 EN 71-3:2019+A1:2021	N.D.	1.3	Pass
Chromium (III)	mg/kg	EN 71-3:2019+A1:2021 EN 71-3:2019+A1:2021	N.D.	37.5	Pass
Chromium (VI)	mg/kg	EN 71-3:2019+A1:2021	N.D.	0.02	Pass
Cobalt	mg/kg	EN 71-3:2019+A1:2021	N.D.	10.5	Pass
Copper	mg/kg	EN 71-3:2019+A1:2021 EN 71-3:2019+A1:2021	10.9	622.5	Pass
Lead	mg/kg	EN 71-3:2019+A1:2021	N.D.	13.5	Pass
Manganese	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 200	Pass
Mercury	mg/kg	EN 71-3:2019+A1:2021	N.D.	7.5	Pass
Nickel	mg/kg	EN 71-3:2019+A1:2021	N.D.	7.5	Pass
Selenium	mg/kg	EN 71-3:2019+A1:2021	N.D.	37.5	Pass
Strontium	mg/kg	EN 71-3:2019+A1:2021	N.D.	4 500	Pass
Tin	mg/kg	EN 71-3:2019+A1:2021	14.2	15 000	Pass
Organic tin	mg/kg	EN 71-3:2019+A1:2021	N.D.	0.9	Pass
Zinc	mg/kg	EN 71-3:2019+A1:2021	99.8	3 750	Pass
Zinc	iiig/kg	EN / 1 3.2013 (A1.2021	55.0	0700	1 433
Aqua PVC tarpaulin					
Test Item	Unit	Test Method	Result	Limit	Verdict
Aluminium	mg/kg	EN 71-3:2019+A1:2021	95.3	5 625	Pass
Antimony	mg/kg	EN 71-3:2019+A1:2021	N.D.	45	Pass
Arsenic	mg/kg	EN 71-3:2019+A1:2021	N.D.	3.8	Pass
Barium	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 500	Pass
Boron	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 200	Pass
Cadmium	mg/kg	EN 71-3:2019+A1:2021	N.D.	1.3	Pass
Chromium (III)	mg/kg	EN 71-3:2019+A1:2021	N.D.	37.5	Pass
Chromium (VÍ)	mg/kg	EN 71-3:2019+A1:2021	N.D.	0.02	Pass
Cobalt	mg/kg	EN 71-3:2019+A1:2021	N.D.	10.5	Pass
Copper	mg/kg	EN 71-3:2019+A1:2021	11.6	622.5	Pass
Lead	mg/kg	EN 71-3:2019+A1:2021	N.D.	13.5	Pass
Manganese	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 200	Pass
Mercury	mg/kg	EN 71-3:2019+A1:2021	N.D.	7.5	Pass
Nickel	mg/kg	EN 71-3:2019+A1:2021	N.D.	75	Pass
Selenium	mg/kg	EN 71-3:2019+A1:2021	N.D.	37.5	Pass
Strontium	mg/kg	EN 71-3:2019+A1:2021	N.D.	4 500	Pass
Tin	mg/kg	EN 71-3:2019+A1:2021	13.9	15 000	Pass
Organic tin	mg/kg	EN 71-3:2019+A1:2021	N.D.	0.9	Pass
Zinc	mg/kg	EN 71-3:2019+A1:2021	107.0	3 750	Pass
Dark green PVC tarpaulir					•
Test Item	Unit	Test Method	Result	Limit	Verdict
Aluminium	mg/kg	EN 71-3:2019+A1:2021	100.5	5 625	Pass
Antimony	mg/kg	EN 71-3:2019+A1:2021	N.D.	45	Pass
Arsenic	mg/kg	EN 71-3:2019+A1:2021	N.D.	3.8	Pass
Barium	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 500	Pass
Boron	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 200	Pass
Cadmium	mg/kg	EN 71-3:2019+A1:2021	N.D.	1.3	Pass
Chromium (III)	mg/kg	EN 71-3:2019+A1:2021	N.D.	37.5	Pass
Chromium (\/l)	ma/ka	EN 71-3·2019+Δ1·2021	ND	0.02	Pass

EN 71-3:2019+A1:2021

EN 71-3:2019+A1:2021

mg/kg

mg/kg

Chromium (VI)

Cobalt

0.02

10.5

Pass

Pass

N.D.

N.D.



Copper	mg/kg	EN 71-3:2019+A1:2021	10.6	622.5	Pass
Lead	mg/kg	EN 71-3:2019+A1:2021	N.D.	13.5	Pass
Manganese	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 200	Pass
Mercury	mg/kg	EN 71-3:2019+A1:2021	N.D.	7.5	Pass
Nickel	mg/kg	EN 71-3:2019+A1:2021	N.D.	75	Pass
Selenium	mg/kg	EN 71-3:2019+A1:2021	N.D.	37.5	Pass
Strontium	mg/kg	EN 71-3:2019+A1:2021	N.D.	4 500	Pass
Tin	mg/kg	EN 71-3:2019+A1:2021	13.8	15 000	Pass
Organic tin	mg/kg	EN 71-3:2019+A1:2021	N.D.	0.9	Pass
Zinc	mg/kg	EN 71-3:2019+A1:2021	112.6	3 750	Pass

Orange PVC tarpaulin					
Test Item	Unit	Test Method	Result	Limit	Verdict
Aluminium	mg/kg	EN 71-3:2019+A1:2021	107.4	5 625	Pass
Antimony	mg/kg	EN 71-3:2019+A1:2021	N.D.	45	Pass
Arsenic	mg/kg	EN 71-3:2019+A1:2021	N.D.	3.8	Pass
Barium	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 500	Pass
Boron	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 200	Pass
Cadmium	mg/kg	EN 71-3:2019+A1:2021	N.D.	1.3	Pass
Chromium (III)	mg/kg	EN 71-3:2019+A1:2021	N.D.	37.5	Pass
Chromium (VI)	mg/kg	EN 71-3:2019+A1:2021	N.D.	0.02	Pass
Cobalt	mg/kg	EN 71-3:2019+A1:2021	N.D.	10.5	Pass
Copper	mg/kg	EN 71-3:2019+A1:2021	11.8	622.5	Pass
Lead	mg/kg	EN 71-3:2019+A1:2021	N.D.	13.5	Pass
Manganese	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 200	Pass
Mercury	mg/kg	EN 71-3:2019+A1:2021	N.D.	7.5	Pass
Nickel	mg/kg	EN 71-3:2019+A1:2021	N.D.	75	Pass
Selenium	mg/kg	EN 71-3:2019+A1:2021	N.D.	37.5	Pass
Strontium	mg/kg	EN 71-3:2019+A1:2021	N.D.	4 500	Pass
Tin	mg/kg	EN 71-3:2019+A1:2021	14.3	15 000	Pass
Organic tin	mg/kg	EN 71-3:2019+A1:2021	N.D.	0.9	Pass
Zinc	mg/kg	EN 71-3:2019+A1:2021	109.5	3 750	Pass

Red PVC tarpaulin					
Test Item	Unit	Test Method	Result	Limit	Verdict
Aluminium	mg/kg	EN 71-3:2019+A1:2021	108.1	5 625	Pass
Antimony	mg/kg	EN 71-3:2019+A1:2021	N.D.	45	Pass
Arsenic	mg/kg	EN 71-3:2019+A1:2021	N.D.	3.8	Pass
Barium	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 500	Pass
Boron	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 200	Pass
Cadmium	mg/kg	EN 71-3:2019+A1:2021	N.D.	1.3	Pass
Chromium (III)	mg/kg	EN 71-3:2019+A1:2021	N.D.	37.5	Pass
Chromium (VI)	mg/kg	EN 71-3:2019+A1:2021	N.D.	0.02	Pass
Cobalt	mg/kg	EN 71-3:2019+A1:2021	N.D.	10.5	Pass
Copper	mg/kg	EN 71-3:2019+A1:2021	11.5	622.5	Pass
Lead	mg/kg	EN 71-3:2019+A1:2021	N.D.	13.5	Pass
Manganese	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 200	Pass
Mercury	mg/kg	EN 71-3:2019+A1:2021	N.D.	7.5	Pass
Nickel	mg/kg	EN 71-3:2019+A1:2021	N.D.	75	Pass
Selenium	mg/kg	EN 71-3:2019+A1:2021	N.D.	37.5	Pass
Strontium	mg/kg	EN 71-3:2019+A1:2021	N.D.	4 500	Pass
Tin	mg/kg	EN 71-3:2019+A1:2021	14.0	15 000	Pass
Organic tin	mg/kg	EN 71-3:2019+A1:2021	N.D.	0.9	Pass
Zinc	mg/kg	EN 71-3:2019+A1:2021	106.5	3 750	Pass

Yellow PVC tarpaulin					
Test Item	Unit	Test Method	Result	Limit	Verdict



Aluminium	mg/kg	EN 71-3:2019+A1:2021	103.8	5 625	Pass
Antimony	mg/kg	EN 71-3:2019+A1:2021	N.D.	45	Pass
Arsenic	mg/kg	EN 71-3:2019+A1:2021	N.D.	3.8	Pass
Barium	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 500	Pass
Boron	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 200	Pass
Cadmium	mg/kg	EN 71-3:2019+A1:2021	N.D.	1.3	Pass
Chromium (III)	mg/kg	EN 71-3:2019+A1:2021	N.D.	37.5	Pass
Chromium (VI)	mg/kg	EN 71-3:2019+A1:2021	N.D.	0.02	Pass
Cobalt	mg/kg	EN 71-3:2019+A1:2021	N.D.	10.5	Pass
Copper	mg/kg	EN 71-3:2019+A1:2021	10.7	622.5	Pass
Lead	mg/kg	EN 71-3:2019+A1:2021	N.D.	13.5	Pass
Manganese	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 200	Pass
Mercury	mg/kg	EN 71-3:2019+A1:2021	N.D.	7.5	Pass
Nickel	mg/kg	EN 71-3:2019+A1:2021	N.D.	75	Pass
Selenium	mg/kg	EN 71-3:2019+A1:2021	N.D.	37.5	Pass
Strontium	mg/kg	EN 71-3:2019+A1:2021	N.D.	4 500	Pass
Tin	mg/kg	EN 71-3:2019+A1:2021	13.7	15 000	Pass
Organic tin	mg/kg	EN 71-3:2019+A1:2021	N.D.	0.9	Pass
Zinc	mg/kg	EN 71-3:2019+A1:2021	111.3	3 750	Pass

Blue PVC tarpaulin								
Test Item	Unit	Test Method	Result	Limit	Verdict			
Aluminium	mg/kg	EN 71-3:2019+A1:2021	112.5	5 625	Pass			
Antimony	mg/kg	EN 71-3:2019+A1:2021	N.D.	45	Pass			
Arsenic	mg/kg	EN 71-3:2019+A1:2021	N.D.	3.8	Pass			
Barium	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 500	Pass			
Boron	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 200	Pass			
Cadmium	mg/kg	EN 71-3:2019+A1:2021	N.D.	1.3	Pass			
Chromium (III)	mg/kg	EN 71-3:2019+A1:2021	N.D.	37.5	Pass			
Chromium (VI)	mg/kg	EN 71-3:2019+A1:2021	N.D.	0.02	Pass			
Cobalt	mg/kg	EN 71-3:2019+A1:2021	N.D.	10.5	Pass			
Copper	mg/kg	EN 71-3:2019+A1:2021	10.7	622.5	Pass			
Lead	mg/kg	EN 71-3:2019+A1:2021	N.D.	13.5	Pass			
Manganese	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 200	Pass			
Mercury	mg/kg	EN 71-3:2019+A1:2021	N.D.	7.5	Pass			
Nickel	mg/kg	EN 71-3:2019+A1:2021	N.D.	75	Pass			
Selenium	mg/kg	EN 71-3:2019+A1:2021	N.D.	37.5	Pass			
Strontium	mg/kg	EN 71-3:2019+A1:2021	N.D.	4 500	Pass			
Tin	mg/kg	EN 71-3:2019+A1:2021	14.2	15 000	Pass			
Organic tin	mg/kg	EN 71-3:2019+A1:2021	N.D.	0.9	Pass			
Zinc	mg/kg	EN 71-3:2019+A1:2021	108.2	3 750	Pass			

Light blue PVC tarpaulin					
Test Item	Unit	Test Method	Result	Limit	Verdict
Aluminium	mg/kg	EN 71-3:2019+A1:2021	114.5	5 625	Pass
Antimony	mg/kg	EN 71-3:2019+A1:2021	N.D.	45	Pass
Arsenic	mg/kg	EN 71-3:2019+A1:2021	N.D.	3.8	Pass
Barium	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 500	Pass
Boron	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 200	Pass
Cadmium	mg/kg	EN 71-3:2019+A1:2021	N.D.	1.3	Pass
Chromium (III)	mg/kg	EN 71-3:2019+A1:2021	N.D.	37.5	Pass
Chromium (VI)	mg/kg	EN 71-3:2019+A1:2021	N.D.	0.02	Pass
Cobalt	mg/kg	EN 71-3:2019+A1:2021	N.D.	10.5	Pass
Copper	mg/kg	EN 71-3:2019+A1:2021	10.9	622.5	Pass
Lead	mg/kg	EN 71-3:2019+A1:2021	N.D.	13.5	Pass
Manganese	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 200	Pass
Mercury	mg/kg	EN 71-3:2019+A1:2021	N.D.	7.5	Pass



Nickel	mg/kg	EN 71-3:2019+A1:2021	N.D.	75	Pass
Selenium	mg/kg	EN 71-3:2019+A1:2021	N.D.	37.5	Pass
Strontium	mg/kg	EN 71-3:2019+A1:2021	N.D.	4 500	Pass
Tin	mg/kg	EN 71-3:2019+A1:2021	14.1	15 000	Pass
Organic tin	mg/kg	EN 71-3:2019+A1:2021	N.D.	0.9	Pass
Zinc	mg/kg	EN 71-3:2019+A1:2021	107.8	3 750	Pass

Brown DVC tornoulin					
Brown PVC tarpaulin	11.2		Dec. II	11.00	Manuffat
Test Item	Unit	Test Method	Result	Limit	Verdict
Aluminium	mg/kg	EN 71-3:2019+A1:2021	100.8	5 625	Pass
Antimony	mg/kg	EN 71-3:2019+A1:2021	N.D.	45	Pass
Arsenic	mg/kg	EN 71-3:2019+A1:2021	N.D.	3.8	Pass
Barium	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 500	Pass
Boron	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 200	Pass
Cadmium	mg/kg	EN 71-3:2019+A1:2021	N.D.	1.3	Pass
Chromium (III)	mg/kg	EN 71-3:2019+A1:2021	N.D.	37.5	Pass
Chromium (VI)	mg/kg	EN 71-3:2019+A1:2021	N.D.	0.02	Pass
Cobalt	mg/kg	EN 71-3:2019+A1:2021	N.D.	10.5	Pass
Copper	mg/kg	EN 71-3:2019+A1:2021	12.0	622.5	Pass
Lead	mg/kg	EN 71-3:2019+A1:2021	N.D.	13.5	Pass
Manganese	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 200	Pass
Mercury	mg/kg	EN 71-3:2019+A1:2021	N.D.	7.5	Pass
Nickel	mg/kg	EN 71-3:2019+A1:2021	N.D.	75	Pass
Selenium	mg/kg	EN 71-3:2019+A1:2021	N.D.	37.5	Pass
Strontium	mg/kg	EN 71-3:2019+A1:2021	N.D.	4 500	Pass
Tin	mg/kg	EN 71-3:2019+A1:2021	13.8	15 000	Pass
Organic tin	mg/kg	EN 71-3:2019+A1:2021	N.D.	0.9	Pass
Zinc	mg/kg	EN 71-3:2019+A1:2021	109.6	3 750	Pass

Purple PVC tarpaulin								
Test Item	Unit	Test Method	Result	Limit	Verdict			
Aluminium	mg/kg	EN 71-3:2019+A1:2021	108.5	5 625	Pass			
Antimony	mg/kg	EN 71-3:2019+A1:2021	N.D.	45	Pass			
Arsenic	mg/kg	EN 71-3:2019+A1:2021	N.D.	3.8	Pass			
Barium	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 500	Pass			
Boron	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 200	Pass			
Cadmium	mg/kg	EN 71-3:2019+A1:2021	N.D.	1.3	Pass			
Chromium (III)	mg/kg	EN 71-3:2019+A1:2021	N.D.	37.5	Pass			
Chromium (VI)	mg/kg	EN 71-3:2019+A1:2021	N.D.	0.02	Pass			
Cobalt	mg/kg	EN 71-3:2019+A1:2021	N.D.	10.5	Pass			
Copper	mg/kg	EN 71-3:2019+A1:2021	11.7	622.5	Pass			
Lead	mg/kg	EN 71-3:2019+A1:2021	N.D.	13.5	Pass			
Manganese	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 200	Pass			
Mercury	mg/kg	EN 71-3:2019+A1:2021	N.D.	7.5	Pass			
Nickel	mg/kg	EN 71-3:2019+A1:2021	N.D.	75	Pass			
Selenium	mg/kg	EN 71-3:2019+A1:2021	N.D.	37.5	Pass			
Strontium	mg/kg	EN 71-3:2019+A1:2021	N.D.	4 500	Pass			
Tin	mg/kg	EN 71-3:2019+A1:2021	13.9	15 000	Pass			
Organic tin	mg/kg	EN 71-3:2019+A1:2021	N.D.	0.9	Pass			
Zinc	mg/kg	EN 71-3:2019+A1:2021	109.2	3 750	Pass			

Grey PVC tarpaulin					
Test Item	Unit	Test Method	Result	Limit	Verdict
Aluminium	mg/kg	EN 71-3:2019+A1:2021	108.4	5 625	Pass
Antimony	mg/kg	EN 71-3:2019+A1:2021	N.D.	45	Pass
Arsenic	mg/kg	EN 71-3:2019+A1:2021	N.D.	3.8	Pass
Barium	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 500	Pass



Boron	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 200	Pass
Cadmium	mg/kg	EN 71-3:2019+A1:2021	N.D.	1.3	Pass
Chromium (III)	mg/kg	EN 71-3:2019+A1:2021	N.D.	37.5	Pass
Chromium (VI)	mg/kg	EN 71-3:2019+A1:2021	N.D.	0.02	Pass
Cobalt	mg/kg	EN 71-3:2019+A1:2021	N.D.	10.5	Pass
Copper	mg/kg	EN 71-3:2019+A1:2021	10.8	622.5	Pass
Lead	mg/kg	EN 71-3:2019+A1:2021	N.D.	13.5	Pass
Manganese	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 200	Pass
Mercury	mg/kg	EN 71-3:2019+A1:2021	N.D.	7.5	Pass
Nickel	mg/kg	EN 71-3:2019+A1:2021	N.D.	75	Pass
Selenium	mg/kg	EN 71-3:2019+A1:2021	N.D.	37.5	Pass
Strontium	mg/kg	EN 71-3:2019+A1:2021	N.D.	4 500	Pass
Tin	mg/kg	EN 71-3:2019+A1:2021	13.8	15 000	Pass
Organic tin	mg/kg	EN 71-3:2019+A1:2021	N.D.	0.9	Pass
Zinc	mg/kg	EN 71-3:2019+A1:2021	110.2	3 750	Pass

Ecru PVC tarpaulin					
Test Item	Unit	Test Method	Result	Limit	Verdict
Aluminium	mg/kg	EN 71-3:2019+A1:2021	112.7	5 625	Pass
Antimony	mg/kg	EN 71-3:2019+A1:2021	N.D.	45	Pass
Arsenic	mg/kg	EN 71-3:2019+A1:2021	N.D.	3.8	Pass
Barium	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 500	Pass
Boron	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 200	Pass
Cadmium	mg/kg	EN 71-3:2019+A1:2021	N.D.	1.3	Pass
Chromium (III)	mg/kg	EN 71-3:2019+A1:2021	N.D.	37.5	Pass
Chromium (VI)	mg/kg	EN 71-3:2019+A1:2021	N.D.	0.02	Pass
Cobalt	mg/kg	EN 71-3:2019+A1:2021	N.D.	10.5	Pass
Copper	mg/kg	EN 71-3:2019+A1:2021	11.2	622.5	Pass
Lead	mg/kg	EN 71-3:2019+A1:2021	N.D.	13.5	Pass
Manganese	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 200	Pass
Mercury	mg/kg	EN 71-3:2019+A1:2021	N.D.	7.5	Pass
Nickel	mg/kg	EN 71-3:2019+A1:2021	N.D.	75	Pass
Selenium	mg/kg	EN 71-3:2019+A1:2021	N.D.	37.5	Pass
Strontium	mg/kg	EN 71-3:2019+A1:2021	N.D.	4 500	Pass
Tin	mg/kg	EN 71-3:2019+A1:2021	13.7	15 000	Pass
Organic tin	mg/kg	EN 71-3:2019+A1:2021	N.D.	0.9	Pass
Zinc	mg/kg	EN 71-3:2019+A1:2021	109.1	3 750	Pass

Pink PVC tarpaulin					
Test Item	Unit	Test Method	Result	Limit	Verdict
Aluminium	mg/kg	EN 71-3:2019+A1:2021	104.8	5 625	Pass
Antimony	mg/kg	EN 71-3:2019+A1:2021	N.D.	45	Pass
Arsenic	mg/kg	EN 71-3:2019+A1:2021	N.D.	3.8	Pass
Barium	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 500	Pass
Boron	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 200	Pass
Cadmium	mg/kg	EN 71-3:2019+A1:2021	N.D.	1.3	Pass
Chromium (III)	mg/kg	EN 71-3:2019+A1:2021	N.D.	37.5	Pass
Chromium (VI)	mg/kg	EN 71-3:2019+A1:2021	N.D.	0.02	Pass
Cobalt	mg/kg	EN 71-3:2019+A1:2021	N.D.	10.5	Pass
Copper	mg/kg	EN 71-3:2019+A1:2021	10.8	622.5	Pass
Lead	mg/kg	EN 71-3:2019+A1:2021	N.D.	13.5	Pass
Manganese	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 200	Pass
Mercury	mg/kg	EN 71-3:2019+A1:2021	N.D.	7.5	Pass
Nickel	mg/kg	EN 71-3:2019+A1:2021	N.D.	75	Pass
Selenium	mg/kg	EN 71-3:2019+A1:2021	N.D.	37.5	Pass
Strontium	mg/kg	EN 71-3:2019+A1:2021	N.D.	4 500	Pass
Tin	mg/kg	EN 71-3:2019+A1:2021	13.7	15 000	Pass



Organic tin	mg/kg	EN 71-3:2019+A1:2021	N.D.	0.9	Pass
Zinc	mg/kg	EN 71-3:2019+A1:2021	106.5	3 750	Pass

Green aqua PVC tarpau	lin				
Test Item	Unit	Test Method	Result	Limit	Verdict
Aluminium	mg/kg	EN 71-3:2019+A1:2021	108.8	5 625	Pass
Antimony	mg/kg	EN 71-3:2019+A1:2021	N.D.	45	Pass
Arsenic	mg/kg	EN 71-3:2019+A1:2021	N.D.	3.8	Pass
Barium	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 500	Pass
Boron	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 200	Pass
Cadmium	mg/kg	EN 71-3:2019+A1:2021	N.D.	1.3	Pass
Chromium (III)	mg/kg	EN 71-3:2019+A1:2021	N.D.	37.5	Pass
Chromium (VI)	mg/kg	EN 71-3:2019+A1:2021	N.D.	0.02	Pass
Cobalt	mg/kg	EN 71-3:2019+A1:2021	N.D.	10.5	Pass
Copper	mg/kg	EN 71-3:2019+A1:2021	11.2	622.5	Pass
Lead	mg/kg	EN 71-3:2019+A1:2021	N.D.	13.5	Pass
Manganese	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 200	Pass
Mercury	mg/kg	EN 71-3:2019+A1:2021	N.D.	7.5	Pass
Nickel	mg/kg	EN 71-3:2019+A1:2021	N.D.	75	Pass
Selenium	mg/kg	EN 71-3:2019+A1:2021	N.D.	37.5	Pass
Strontium	mg/kg	EN 71-3:2019+A1:2021	N.D.	4 500	Pass
Tin	mg/kg	EN 71-3:2019+A1:2021	13.8	15 000	Pass
Organic tin	mg/kg	EN 71-3:2019+A1:2021	N.D.	0.9	Pass
Zinc	mg/kg	EN 71-3:2019+A1:2021	109.7	3 750	Pass

Black PVC tarpaulin					
Test Item	Unit	Test Method	Result	Limit	Verdict
Aluminium	mg/kg	EN 71-3:2019+A1:2021	123.4	5 625	Pass
Antimony	mg/kg	EN 71-3:2019+A1:2021	N.D.	45	Pass
Arsenic	mg/kg	EN 71-3:2019+A1:2021	N.D.	3.8	Pass
Barium	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 500	Pass
Boron	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 200	Pass
Cadmium	mg/kg	EN 71-3:2019+A1:2021	N.D.	1.3	Pass
Chromium (III)	mg/kg	EN 71-3:2019+A1:2021	N.D.	37.5	Pass
Chromium (VI)	mg/kg	EN 71-3:2019+A1:2021	N.D.	0.02	Pass
Cobalt	mg/kg	EN 71-3:2019+A1:2021	N.D.	10.5	Pass
Copper	mg/kg	EN 71-3:2019+A1:2021	12.7	622.5	Pass
Lead	mg/kg	EN 71-3:2019+A1:2021	N.D.	13.5	Pass
Manganese	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 200	Pass
Mercury	mg/kg	EN 71-3:2019+A1:2021	N.D.	7.5	Pass
Nickel	mg/kg	EN 71-3:2019+A1:2021	N.D.	75	Pass
Selenium	mg/kg	EN 71-3:2019+A1:2021	N.D.	37.5	Pass
Strontium	mg/kg	EN 71-3:2019+A1:2021	N.D.	4 500	Pass
Tin	mg/kg	EN 71-3:2019+A1:2021	18.3	15 000	Pass
Organic tin	mg/kg	EN 71-3:2019+A1:2021	N.D.	0.9	Pass
Zinc	mg/kg	EN 71-3:2019+A1:2021	125.2	3 750	Pass

Brown/green/ecru PVC					
Test Item	Unit	Test Method	Result	Limit	Verdict
Aluminium	mg/kg	EN 71-3:2019+A1:2021	114.1	5 625	Pass
Antimony	mg/kg	EN 71-3:2019+A1:2021	N.D.	45	Pass
Arsenic	mg/kg	EN 71-3:2019+A1:2021	N.D.	3.8	Pass
Barium	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 500	Pass
Boron	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 200	Pass
Cadmium	mg/kg	EN 71-3:2019+A1:2021	N.D.	1.3	Pass
Chromium (III)	mg/kg	EN 71-3:2019+A1:2021	N.D.	37.5	Pass
Chromium (VI)	mg/kg	EN 71-3:2019+A1:2021	N.D.	0.02	Pass



Cobalt	mg/kg	EN 71-3:2019+A1:2021	N.D.	10.5	Pass
Copper	mg/kg	EN 71-3:2019+A1:2021	11.6	622.5	Pass
Lead	mg/kg	EN 71-3:2019+A1:2021	N.D.	13.5	Pass
Manganese	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 200	Pass
Mercury	mg/kg	EN 71-3:2019+A1:2021	N.D.	7.5	Pass
Nickel	mg/kg	EN 71-3:2019+A1:2021	N.D.	75	Pass
Selenium	mg/kg	EN 71-3:2019+A1:2021	N.D.	37.5	Pass
Strontium	mg/kg	EN 71-3:2019+A1:2021	N.D.	4 500	Pass
Tin	mg/kg	EN 71-3:2019+A1:2021	13.8	15 000	Pass
Organic tin	mg/kg	EN 71-3:2019+A1:2021	N.D.	0.9	Pass
Zinc	mg/kg	EN 71-3:2019+A1:2021	104.5	3 750	Pass

Red paint on PVC tarpau	llin				
Test Item	Unit	Test Method	Result	Limit	Verdict
Aluminium	mg/kg	EN 71-3:2019+A1:2021	121.3	5 625	Pass
Antimony	mg/kg	EN 71-3:2019+A1:2021	N.D.	45	Pass
Arsenic	mg/kg	EN 71-3:2019+A1:2021	N.D.	3.8	Pass
Barium	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 500	Pass
Boron	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 200	Pass
Cadmium	mg/kg	EN 71-3:2019+A1:2021	N.D.	1.3	Pass
Chromium (III)	mg/kg	EN 71-3:2019+A1:2021	N.D.	37.5	Pass
Chromium (VI)	mg/kg	EN 71-3:2019+A1:2021	N.D.	0.02	Pass
Cobalt	mg/kg	EN 71-3:2019+A1:2021	N.D.	10.5	Pass
Copper	mg/kg	EN 71-3:2019+A1:2021	13.9	622.5	Pass
Lead	mg/kg	EN 71-3:2019+A1:2021	N.D.	13.5	Pass
Manganese	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 200	Pass
Mercury	mg/kg	EN 71-3:2019+A1:2021	N.D.	7.5	Pass
Nickel	mg/kg	EN 71-3:2019+A1:2021	N.D.	75	Pass
Selenium	mg/kg	EN 71-3:2019+A1:2021	N.D.	37.5	Pass
Strontium	mg/kg	EN 71-3:2019+A1:2021	N.D.	4 500	Pass
Tin	mg/kg	EN 71-3:2019+A1:2021	16.7	15 000	Pass
Organic tin	mg/kg	EN 71-3:2019+A1:2021	N.D.	0.9	Pass
Zinc	mg/kg	EN 71-3:2019+A1:2021	133.7	3 750	Pass

White paint on PVC					
Test Item	Unit	Test Method	Result	Limit	Verdict
Aluminium	mg/kg	EN 71-3:2019+A1:2021	123.5	5 625	Pass
Antimony	mg/kg	EN 71-3:2019+A1:2021	N.D.	45	Pass
Arsenic	mg/kg	EN 71-3:2019+A1:2021	N.D.	3.8	Pass
Barium	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 500	Pass
Boron	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 200	Pass
Cadmium	mg/kg	EN 71-3:2019+A1:2021	N.D.	1.3	Pass
Chromium (III)	mg/kg	EN 71-3:2019+A1:2021	N.D.	37.5	Pass
Chromium (VI)	mg/kg	EN 71-3:2019+A1:2021	N.D.	0.02	Pass
Cobalt	mg/kg	EN 71-3:2019+A1:2021	N.D.	10.5	Pass
Copper	mg/kg	EN 71-3:2019+A1:2021	14.7	622.5	Pass
Lead	mg/kg	EN 71-3:2019+A1:2021	N.D.	13.5	Pass
Manganese	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 200	Pass
Mercury	mg/kg	EN 71-3:2019+A1:2021	N.D.	7.5	Pass
Nickel	mg/kg	EN 71-3:2019+A1:2021	N.D.	75	Pass
Selenium	mg/kg	EN 71-3:2019+A1:2021	N.D.	37.5	Pass
Strontium	mg/kg	EN 71-3:2019+A1:2021	N.D.	4 500	Pass
Tin	mg/kg	EN 71-3:2019+A1:2021	17.9	15 000	Pass
Organic tin	mg/kg	EN 71-3:2019+A1:2021	N.D.	0.9	Pass
Zinc	mg/kg	EN 71-3:2019+A1:2021	126.3	3 750	Pass

Yellow paint on PVC



Test Item	Unit	Test Method	Result	Limit	Verdict
Aluminium	mg/kg	EN 71-3:2019+A1:2021	130.7	5 625	Pass
Antimony	mg/kg	EN 71-3:2019+A1:2021	N.D.	45	Pass
Arsenic	mg/kg	EN 71-3:2019+A1:2021	N.D.	3.8	Pass
Barium	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 500	Pass
Boron	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 200	Pass
Cadmium	mg/kg	EN 71-3:2019+A1:2021	N.D.	1.3	Pass
Chromium (III)	mg/kg	EN 71-3:2019+A1:2021	N.D.	37.5	Pass
Chromium (VI)	mg/kg	EN 71-3:2019+A1:2021	N.D.	0.02	Pass
Cobalt	mg/kg	EN 71-3:2019+A1:2021	N.D.	10.5	Pass
Copper	mg/kg	EN 71-3:2019+A1:2021	14.7	622.5	Pass
Lead	mg/kg	EN 71-3:2019+A1:2021	N.D.	13.5	Pass
Manganese	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 200	Pass
Mercury	mg/kg	EN 71-3:2019+A1:2021	N.D.	7.5	Pass
Nickel	mg/kg	EN 71-3:2019+A1:2021	N.D.	75	Pass
Selenium	mg/kg	EN 71-3:2019+A1:2021	N.D.	37.5	Pass
Strontium	mg/kg	EN 71-3:2019+A1:2021	N.D.	4 500	Pass
Tin	mg/kg	EN 71-3:2019+A1:2021	16.9	15 000	Pass
Organic tin	mg/kg	EN 71-3:2019+A1:2021	N.D.	0.9	Pass
Zinc	mg/kg	EN 71-3:2019+A1:2021	122.6	3 750	Pass

Green paint on PVC					
Test Item	Unit	Test Method	Result	Limit	Verdict
Aluminium	mg/kg	EN 71-3:2019+A1:2021	128.8	5 625	Pass
Antimony	mg/kg	EN 71-3:2019+A1:2021	N.D.	45	Pass
Arsenic	mg/kg	EN 71-3:2019+A1:2021	N.D.	3.8	Pass
Barium	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 500	Pass
Boron	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 200	Pass
Cadmium	mg/kg	EN 71-3:2019+A1:2021	N.D.	1.3	Pass
Chromium (III)	mg/kg	EN 71-3:2019+A1:2021	N.D.	37.5	Pass
Chromium (VI)	mg/kg	EN 71-3:2019+A1:2021	N.D.	0.02	Pass
Cobalt	mg/kg	EN 71-3:2019+A1:2021	N.D.	10.5	Pass
Copper	mg/kg	EN 71-3:2019+A1:2021	14.7	622.5	Pass
Lead	mg/kg	EN 71-3:2019+A1:2021	N.D.	13.5	Pass
Manganese	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 200	Pass
Mercury	mg/kg	EN 71-3:2019+A1:2021	N.D.	7.5	Pass
Nickel	mg/kg	EN 71-3:2019+A1:2021	N.D.	75	Pass
Selenium	mg/kg	EN 71-3:2019+A1:2021	N.D.	37.5	Pass
Strontium	mg/kg	EN 71-3:2019+A1:2021	N.D.	4 500	Pass
Tin	mg/kg	EN 71-3:2019+A1:2021	17.8	15 000	Pass
Organic tin	mg/kg	EN 71-3:2019+A1:2021	N.D.	0.9	Pass
Zinc	mg/kg	EN 71-3:2019+A1:2021	133.0	3 750	Pass

Blue paint on PVC					
Test Item	Unit	Test Method	Result	Limit	Verdict
Aluminium	mg/kg	EN 71-3:2019+A1:2021	128.4	5 625	Pass
Antimony	mg/kg	EN 71-3:2019+A1:2021	N.D.	45	Pass
Arsenic	mg/kg	EN 71-3:2019+A1:2021	N.D.	3.8	Pass
Barium	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 500	Pass
Boron	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 200	Pass
Cadmium	mg/kg	EN 71-3:2019+A1:2021	N.D.	1.3	Pass
Chromium (III)	mg/kg	EN 71-3:2019+A1:2021	N.D.	37.5	Pass
Chromium (VI)	mg/kg	EN 71-3:2019+A1:2021	N.D.	0.02	Pass
Cobalt	mg/kg	EN 71-3:2019+A1:2021	N.D.	10.5	Pass
Copper	mg/kg	EN 71-3:2019+A1:2021	14.8	622.5	Pass
Lead	mg/kg	EN 71-3:2019+A1:2021	N.D.	13.5	Pass
Manganese	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 200	Pass



Mercury	mg/kg	EN 71-3:2019+A1:2021	N.D.	7.5	Pass
Nickel	mg/kg	EN 71-3:2019+A1:2021	N.D.	75	Pass
Selenium	mg/kg	EN 71-3:2019+A1:2021	N.D.	37.5	Pass
Strontium	mg/kg	EN 71-3:2019+A1:2021	N.D.	4 500	Pass
Tin	mg/kg	EN 71-3:2019+A1:2021	17.6	15 000	Pass
Organic tin	mg/kg	EN 71-3:2019+A1:2021	N.D.	0.9	Pass
Zinc	mg/kg	EN 71-3:2019+A1:2021	134.8	3 750	Pass

Black paint on PVC					
Test Item	Unit	Test Method	Result	Limit	Verdict
Aluminium	mg/kg	EN 71-3:2019+A1:2021	133.7	5 625	Pass
Antimony	mg/kg	EN 71-3:2019+A1:2021	N.D.	45	Pass
Arsenic	mg/kg	EN 71-3:2019+A1:2021	N.D.	3.8	Pass
Barium	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 500	Pass
Boron	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 200	Pass
Cadmium	mg/kg	EN 71-3:2019+A1:2021	N.D.	1.3	Pass
Chromium (III)	mg/kg	EN 71-3:2019+A1:2021	N.D.	37.5	Pass
Chromium (VI)	mg/kg	EN 71-3:2019+A1:2021	N.D.	0.02	Pass
Cobalt	mg/kg	EN 71-3:2019+A1:2021	N.D.	10.5	Pass
Copper	mg/kg	EN 71-3:2019+A1:2021	15.7	622.5	Pass
Lead	mg/kg	EN 71-3:2019+A1:2021	N.D.	13.5	Pass
Manganese	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 200	Pass
Mercury	mg/kg	EN 71-3:2019+A1:2021	N.D.	7.5	Pass
Nickel	mg/kg	EN 71-3:2019+A1:2021	N.D.	75	Pass
Selenium	mg/kg	EN 71-3:2019+A1:2021	N.D.	37.5	Pass
Strontium	mg/kg	EN 71-3:2019+A1:2021	N.D.	4 500	Pass
Tin	mg/kg	EN 71-3:2019+A1:2021	17.2	15 000	Pass
Organic tin	mg/kg	EN 71-3:2019+A1:2021	N.D.	0.9	Pass
Zinc	mg/kg	EN 71-3:2019+A1:2021	136.9	3 750	Pass

O-ring					
Test Item	Unit	Test Method	Result	Limit	Verdict
Aluminium	mg/kg	EN 71-3:2019+A1:2021	199.7	5 625	Pass
Antimony	mg/kg	EN 71-3:2019+A1:2021	N.D.	45	Pass
Arsenic	mg/kg	EN 71-3:2019+A1:2021	N.D.	3.8	Pass
Barium	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 500	Pass
Boron	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 200	Pass
Cadmium	mg/kg	EN 71-3:2019+A1:2021	N.D.	1.3	Pass
Chromium (III)	mg/kg	EN 71-3:2019+A1:2021	N.D.	37.5	Pass
Chromium (VI)	mg/kg	EN 71-3:2019+A1:2021	N.D.	0.02	Pass
Cobalt	mg/kg	EN 71-3:2019+A1:2021	N.D.	10.5	Pass
Copper	mg/kg	EN 71-3:2019+A1:2021	42.7	622.5	Pass
Lead	mg/kg	EN 71-3:2019+A1:2021	N.D.	13.5	Pass
Manganese	mg/kg	EN 71-3:2019+A1:2021	N.D.	1 200	Pass
Mercury	mg/kg	EN 71-3:2019+A1:2021	N.D.	7.5	Pass
Nickel	mg/kg	EN 71-3:2019+A1:2021	N.D.	75	Pass
Selenium	mg/kg	EN 71-3:2019+A1:2021	N.D.	37.5	Pass
Strontium	mg/kg	EN 71-3:2019+A1:2021	N.D.	4 500	Pass
Tin	mg/kg	EN 71-3:2019+A1:2021	895.5	15 000	Pass
Organic tin	mg/kg	EN 71-3:2019+A1:2021	N.D.	0.9	Pass
Zinc	mg/kg	EN 71-3:2019+A1:2021	N.D	3 750	Pass



Photos Details of: General View









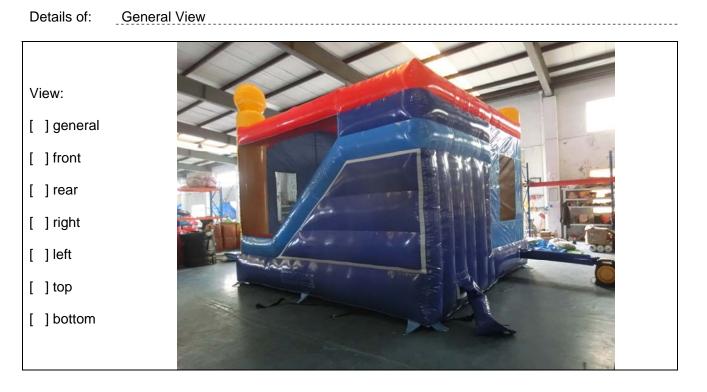
General View View: [] general [] front [] rear [] right []left [] top [] bottom

Details of: General View

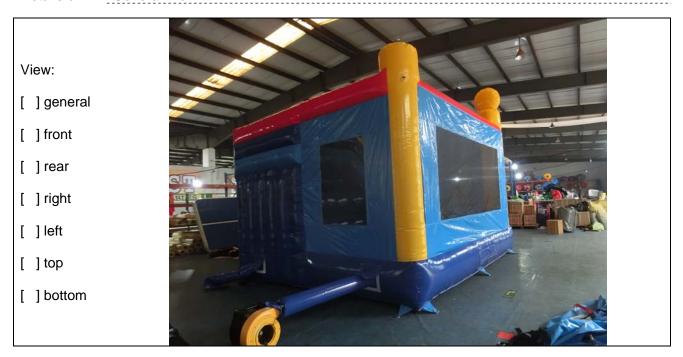
Details of:







Details of: General View









The end of report