

GUIDANCE

FOR CUSTOMS & MARKET SURVEILLANCE INSPECTORS

On Toys



Edition 1.0

November 2022 BD-131704-01

This guidance is published by the GCC Standardization Organization.

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Whereas GCC Charter aims at facilitating coordination, achieving integration and building relationships between the Member Countries in all fields in order to unify them;

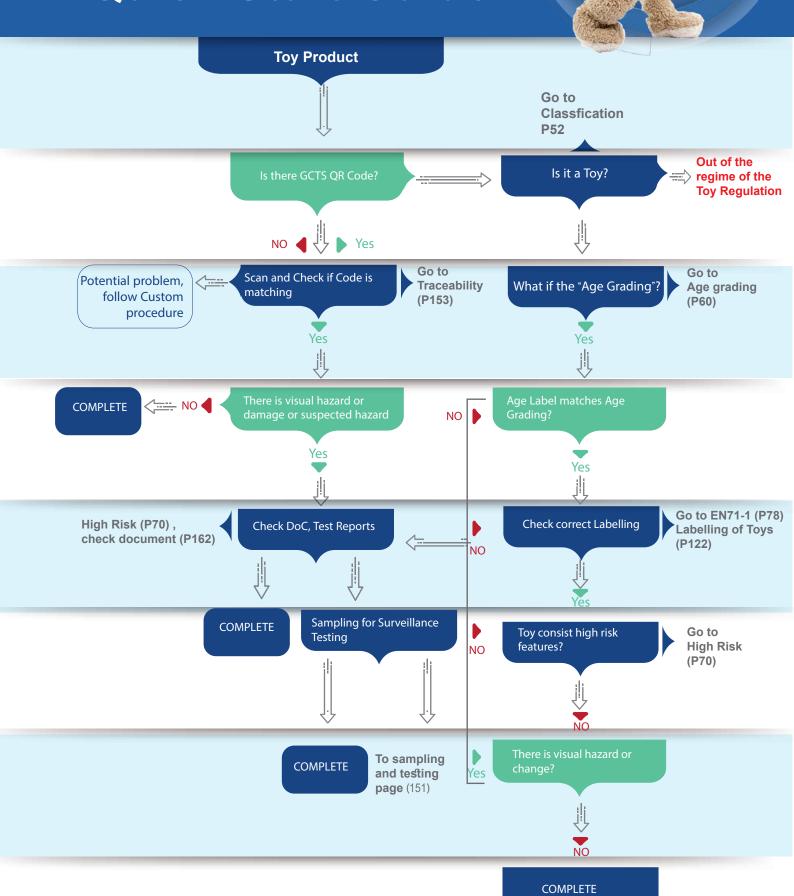
In line with the objectives of GCC Unified Economic Agreement which seeks to coordinate and unify the GCC economic, financial and monetary policies, as well as the GCC applicable commercial, industrial and custom legislation; For the purpose of more coordination and cooperation between the Arab States of the Gulf in the field of standardization for unifying their laws on such field; and

For the purpose of executing GCC decree, issued in the 22nd session, held in Muscat, Oman, 30th-31st of Dec. 2001, to establish the GCC Standardization Organization (GSO),

The GSO Member States:

- the United Arab Emirates (UAE)
- Kingdom of Bahrain
- Kingdom of Saudi Arabia (KSA)
- Sultanate of Oman;
- Qatar
- Kuwait
- Republic of Yemen

Quick Start Guide



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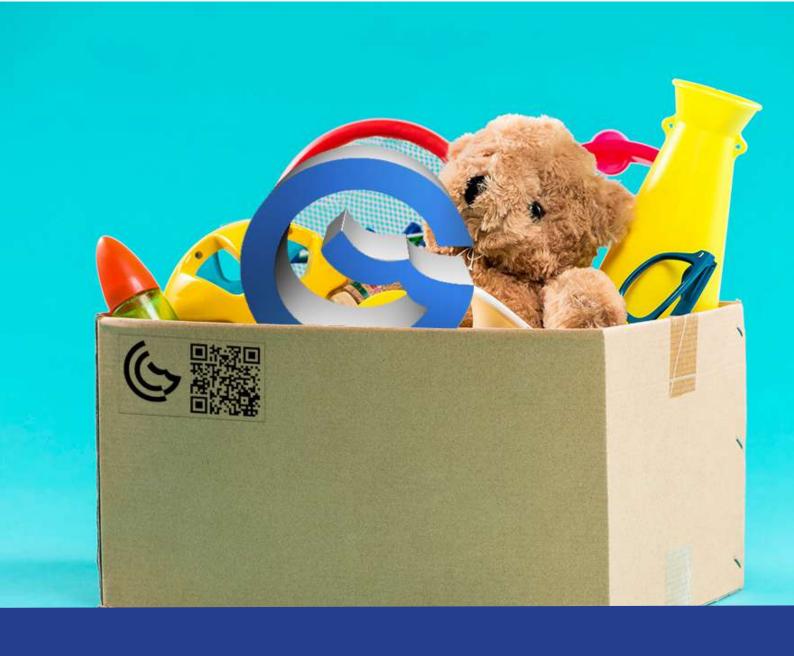
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1 Chapter One Purpose

In order to enhance the build of conformity assessment regulation and the initiative of developed the guidance and regulations, GSO design this guidance for the customs inspectors in the member states border to guide them what procedures shall be done for the products which subject to the GSO technical regulation for toys BD 131704-01.

This guidance includes overview of the Gulf Technical Regulation and other relevant regulations as well as standards for toys within the member states and international countries. It also provides detail explanation regarding toys classification, age grading, toy safety and labelling. The technique of spotting toys of high concern and verification methods.



2 Chapter Two

Legal Requirements for Toys in GCC





A. Gulf Toys Technical Regulation (GTTR) BD 131704-01

1. Scope

1.1 This regulation applies to children's toys that designed or intended, whether or not exclusively, for use in play by children under 14 years.

2. Gulf Toys Technical Regulation (GTTR) Overview

- 2.1 The Technical Regulation BD 131704-01 is the second edition of the Conformity Assessment Regulation related to children toys, which includes an amendment and an update of the first edition number (BD07070502). This technical regulation has been adopted by GSO Board of and entered into force on 01/01/2014.
- 2.2 The technical regulation lays down the mandatory requirements for the safety of children's toys with which all the toys must comply before their placing on the market and then move freely with the member states.





- 2.3 The member states include; Kingdom of Saudi Arabia, United Arab Emirates, Kingdom of Bahrein, Sultanate of Oman, State of Qatar, State of Kuwait and Republic of Yemen.
- 2.4 Technical Regulation BD 131704-01 applies to children's toys that are designed or intended, whether or not exclusively, for use in play by children under 14 years.
- 2.5 Major contents of the regulation regarding toy compliance include define economic operators and their obligation, set the criteria for conformity of toys, define conformity assessment and the procedures required to demonstrate the compliance of the toys to this regulation.

3. Economic Operators and their Obligations

3.1 Manufacturer: Means any natural or legal person who manufactures a toy or has a toy designed or manufactured and markets that toy under his name or trademark.

Their obligations include:

- a. Ensure toys that they place on the GCC market are complying with GTTR essential safety requirement.
- b. Draw up technical documentation in languages of GCC countries and keep for 10 years
- c. Carry out conformity assessment procedures
- d. Draw up declaration of conformity
- e. Ensure the compliance of the toys will be kept in series production
- f. To mark identification code of toys, their name and address on the toys
- g. Ensure safety information and instructions of the toys are in Arabic
- h. Whenever non-compliance happened, take appropriate correction action and inform national authorities. Cooperate with authorities whenever any action is taken





3.2 Authorized Representative: Means any natural or legal person established within the Community who has received a written mandate from a manufacturer to act on his behalf in relation to specified tasks.

Their obligations include:

- Ensure toys that they place on the GCC market are comply with GTTR essential safety requirement
- b. Keep declaration of conformity and technical document for 10 years
- c. Cooperate with authorities whenever any action is taken
- 3.3 Importer: Means any natural or legal person established within the Community who places a toy from a third country on the Community market.

Their obligations include:

- a. Ensure toys that they place on the GCC market are comply with GTTR essential safety requirement
- b. Linked importers shall:
- i. Ensure appropriate conformity assessment procedures has been carried out by manufacturers
- ii. Ensure manufacturers draw up technical documentation and apply conformity mark on the toys
- c. Unlinked importers shall:
- Conduct importer conformity assessment procedures
- ii. Establish technical documentation
- d. All importers shall draw up importer declaration of conformity
- e. Shall take action whenever non-compliance is found in the toys
- f. Shall apply their name and address on the toys
- g. Ensure toys are accompany with instruction and safety information in Arabic
- h. Ensure storage and transportation of the toys do not jeopardize the compliance
- i. Testing of marketed toy, keep complaint file and recall non-compliance toys.





3.4 Distributor: Means any natural or legal person in the supply chain, other than the manufacturer or the importer, who makes a toy available on the market.

Their obligations include:

- a. Shall verify that the toys carry the conformity mark
- b. Ensure required technical document are presence
- c. Ensure the instruction and safety information with the toy are in Arabic
- d. Whenever non-compliance is found, carry out corrective action and inform authorities
- e. Ensure storage and transportation of the toys do not jeopardize the compliance
- f. Cooperate with authority and recall the toys in case needed.



Summary of obligation of economic operators

Summary of obligation of economic operators					
Obligations	Manufacturer	Authorized representative	Linked importer	Unlinked importer	Distributor
Ensure their toys are safe in accordance with BD 131704-01	Yes	Yes	Yes	Yes	Yes
Draw up technical documentation and keep for 10 years	Yes	Keep	Ensure it done by manufacturer	Yes	
Carry out conformity assessment procedures	Yes		Ensure it done by manufacturer	Carry out importer conformity assessment procedures	
Draw up manufacturer declaration of conformity and keep for 10 years	Yes	Keep	Ensure it done by manufacturer		
Affix GCTS mark on the toys	Yes	Ensure it done by manufacturer	Ensure it done by manufacturer	Yes	Verify
Ensure products remain conformity after series production	Yes				
Carry out sample testing of market toys, keep register of complaints of non-con- forming toys, recalls, keep distributors informed	Yes	Optional	Yes	Yes	
Ensure toys bear a type, batch, serial or model number	Yes	Ensure it done by manufacturer	Ensure it done by manufacturer		Verify
Indicate their name, registered trade name or trademark and address on the toys	Yes	Ensure it done by manufacturer	Yes	Yes	Verify
Ensure the toys accompanied by instructions and safety information in Arabic language	Yes	Ensure it done by manufacturer	Yes	Yes	Verify
Take corrective measures, withdraw or recall non-conformity toys	Yes	Yes	Yes	Yes	Yes
Report to national authorities of member states about non-conformity toys	Yes	Yes	Yes	Yes	Yes
Cooperate with national authorities to provide document related to conformity of toys in Arabic languages and any action taken at its request	Yes	Yes	Yes	Yes	Yes
Draw up importer declaration of conformity and keep for 10 years			Yes	Yes	
Ensure toy storage and transportation do not jeopardize its compliance www.gso.org.sa			Yes	Yes	Yes



4. Conformity of Toys

In order to comply with this technical regulation, the toy shall:

- Comply with essential safety requirement
- · With appropriate warning when necessary
- Conform to gulf toy standards
- Bear the appropriate GCTS mark.

5. Conformity Assessment Procedures

5.1 Manufacturer shall:

- a. Conduct safety assessment to the toys. Safety assessment is an analysis of the chemical, physical mechanical, electrical, flammability, hygiene and radioactivity hazard of the toy.
- b. Establish technical document that enable to assess the conformity of toy to relevant requirements. Document including:
 - i. Product specification
 - ii. Conceptual design, manufacturing drawings, materials, assemblies and circuits etc.
 - iii. Place of manufacturing and storage
 - iv. Gulf standards applied
 - v. Conformity procedures used and test reports
 - vi. Document relate to GC type examination where applicable
 - vii. Technical document shall keep for 10 years
- c. Apply for GC type examination from notified bodies where:
 - i. Toys non-conforming entirely to the Gulf standards
 - ii. Essential requirements not fully detailed in the Gulf standards
 - iii. GC type examination including:





- Notified bodies examine technical documentation for the adequacy of the toy design
- · Verify if the toy has been manufactured in conformity with GTTR
- Carry out appropriate examination and tests according to Gulf standards or the appropriate solution adopted by manufacturers in order to meet the essential safety requirement
- d. Apply GCTS mark after carried out CAP according to GSO guidance document. Affix GCTS with QR code to demonstrate compliance and traceability.
- e. Issue manufacturer declaration of conformity. Format is shown overleaf.

MANUFACTURER CONFORMITY DECLARATION OF TOYS

D	eclaration of Conform	ity	الإقرار بالمطابقة
1. 2.	No (unique identification of the toy(s)) Name and address of the manufacturer or		 الرقم. (التعريف الوحيد للعبة أو اللعب) اسم وعنوان الصانع أو ممثله الرسمي
	his authorized representative:		
3.	This declaration of conformity is issued under the sole responsibility of the manufacturer:		 تم إصدار هذا الإقرار تحت المسئولية الكاملة للصانع:
4.	Object of the declaration (identification of toy allowing traceability). It shall include a colour image of sufficient clarity to enable the identification of the toy.		 موضوع الإقرار (تعريف اللعبة مع توفير معطيات التتبعية). يجب إرفاق صورة بالألوان واضحة بما فيه الكفاية للتعريف باللعبة
5.	The object of the declaration described in point 4 is in conformity with the relevant Community harmonisation legislation:		 موضوع الإقرار المبين في الفقرة 4 مطابق لمتطلبات اللوائح الفنية الخليجية:
6.	References to the relevant standards used, or references to the specifications in relation to which conformity is declared:		 مراجع المواصفات القياسية الخليجية، أو مراجع المتطلبات الفنية المستخدمة في الإقرار بالمطابقة.
7.	The notified body name &, number, description of intervention, Module used & certificate issued	340 M 500 500 500 500 500 500 500 500 500	 اسم الجهة المقبولة ورقمها (إذا لزم)، تحديد نطاق تدخلها، إجراء تقويم المطابقة المستخدم والشهادة الصادرة
8.	Additional information:		عنها 8. معطيات إضافية:
Sign	ned for and on behalf of:		موقع من طرف ويتفويض عن:
	(place and date of issue)		(مكان وتاريخ الإصدار)
	(name, function)		(الاسم، الوظيفة)
	(signature)		(التوقيع)

FIGURE 1 - Manufacturer Declaration of Conformity Format





5.2 Unlink Importers shall:

- a. Establish technical document that enable to prove the conformity of toy. A Technical document includes:
 - Description of the toy
 - · Test reports and certificate
 - · Document shall keep for 10 years
- b. Apply certification from notified body per consignment basis.
 - All the toys are individually examined to verify their conformity with the GTTR.
 - A random sample shall be taken from each consignment according to appropriate statistical conditions. The samples are examined to verify their conformity with GTTR
- c. Affix GCTS with QR code to demonstrate compliance and traceability
- d. Issue importer declaration of conformity as shown below:

IMPORTER CONFORMITY DECLARATION OF TOYS

D	eclaration of confo	rmity	الإقرار بالمطابقة
1.	Name and address of the importer		1. اسم وعنوان المستورد المسئول عن
	declaring compliance of the product:		إصدار الإقرار بمطابقة اللعب
2.	Identification of the toys covered by		 تعريف اللعب المشمولة بالإقرار
	the declaration		يجب توفير أرقام التعريف الكافية لتحديد
	Provide detailed determinant to		كل اللعب المشمولة بالإقرار وتمييزها
	identify all items covered by this		عن غير ها
	declaration and no others.		
3.	References to the gulf product safety		 مراجع اللوائح الفنية الخليجية
	regulations and relevant standards		والمواصفات القياسية الخليجية التي يُشهد
	to which conformity is declared.		بالمطابقة معها
4.	This declaration of conformity is		 أصدرت هذه الشهادة تحت المسئولية
	issued under the sole responsibility		الكاملة للمستورد.
	of the Impoter.		
5.	Toys described in point 2 are in		 اللعب المبينة في الفقرة 2 مطابقة مع
	conformity with the gulf product		اللوائح الفنية الخليجية والمواصفات
	safety regulations and the relevant		القياسية الخليجية المشار إليها في الفقرة
	standards refered to in point 3		3
6.	The notified body on whose		6. اسم الجهة المقبولة المتدخلة (إذا لزم)
	Conformity Assessment Pprocedure		ورقمها، تحديد إجراءات تقويم المطابقة
	(CAP) the certificate depends: name		المنجزة، والشهادة الصادرة عنها.
	&, number, description of CAP,&		
	certificate issued		
7.	Additional information:		7. معطيات إضافية:
Sig	ned for and on behalf of:		موقّع من طرف وبتفويض عن:
	(place and date of issue)		(مكان وتاريخ الإصدار)
	(name, function)		(الاسم، الوظيفة)
	(signature)		(التوقيع)
	No. of Contract of		10-5 /



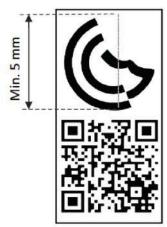
B. GSO Conformity Tracking Symbol (GCTS)

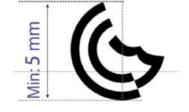
- 1. The GCTS is a symbol granted by GSO representing the Gulf Conformity Marking. It shall be affix on all products in accordance with the conformity assessment procedures by notified bodies.
- 2. Notified bodies are also responsible to register all products subjected to conformity assessment procedures to the GSO certificate tracking system.
- 3. The general procedures for applying the GCTS are as below:
 - a. Manufacturers/importers apply to NB for toys subjected to conformity assessment involving NB.
 - b. NB (notified bodies) conduct assessment and register
 - c. GSO generates the marking. NB download from GCTS and affix on first page of the certificate.
 - d. GCTS shall be display in appropriate form, size, proportion and color.
 - e. GCTS shall be easily visible, readable and permanent and readable by scanner of smartphone



f. GCTS shall affix on the product in the following way.





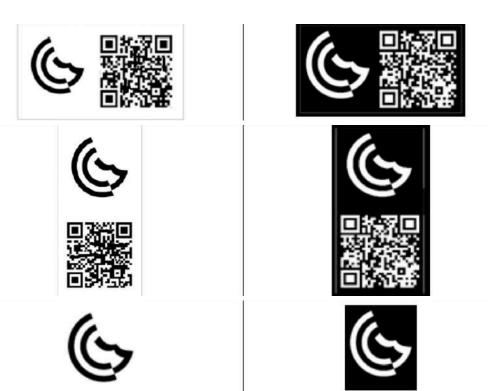


g. Where it is not possible, for example product too small, then apply the following mark on product.





- h. Where it is not possible, the GCTS shall be apply to the outer packaging and manual.
- i. GCTS shall be in black and white or in the following color.







C. GSO guidance on conformity Assessment for GTTR

Refer to: Guidance Document on Conformity Assessment for GCC Technical Regulation on Children Toys Version 2.1: 25/06/2020 and 2020/03/25

The implementation of the technical regulation (TR) has not yet fully achieved its targets due to a variety of factors including some of the following:

- 1. Insufficient evidence on the correct implementation of Conformity Assessment Procedures (CAPs) according to the (TR).
- 2. Lack of imports data, and technical reviews by Customs Authorities on toys imports.
- 3. Difficulties faced by importers on CAPs, and unbalanced implementation of the type approval by manufacturers.
- 4. Ambiguities in the wording of the CAPs, particularly in Annex IV of the TR, leading to variations in quotations and testing requirements among Notified Bodies (NBs).

Hence, this guidance document was issued under request of the Gulf Committee on Conformity Assessment (GCCA), aiming to clarify ambiguities and offer clear alternatives for consistent implementation of CAPs requirements according to the GSO Children Toys TR.

a.Conformity Assessment Procedures

- i. General Principles
 - 1. Safety requirements for toys are defined in Annex II of the GSO TR and must be complied with and attested under manufacturer or importer responsibility.
 - 2. GSO works to avoid imposing unnecessary burden on economic operators and favoring risk-based approach to do so, while maintaining the necessary level of product safety for the intended target group of consumers (children aged 0-14). For this purpose, a list of mandatory tests will be maintained and updated periodically.
 - 3. Considering the capabilities and demonstrated competencies by specific economic operators, accredited test reports generated under responsibility of manufacturers can be considered as evidence of conformity





4. However, considering the technical safety requirements of the technical regulation and the heterogeneity of active economic operators marketing products in the GSO member states market, intervention of Notified Body is considered necessary to ensure sufficient evidence on correct application of the required CAPs is provided in all cases, and to allow for full traceability of products using the existing GSO Conformity Tracking System (GCTS) scheme.

ii. Toys Categorization for CAP and Testing

1. The conformity assessment procedure for manufacturer and importer is to be performed with view of ensuring that all traceability data are provided on relevant implementation of responsibilities for affixing the Gulf Conformity marking, particularly that the appropriate procedure will be carried out to assess the conformity with the required level of intervention by the Notified Bodies.

iii. Manufacturer CAP

- 1. Manufacturer conducts risk assessment, or have it conducted, and identifies significant aspects of risks in toys;
- 2. Manufacturer prepares the technical documentation according to the technical regulation (BD-131704-01) Annex (IV) including:
- a. List of risks and hazards in the toy and the listing of applied Gulf standards the toy complies with according to the risk analysis according to point (a),
- b. Bill of Materials,
- c. The necessary test reports for significant risks identified,
- d. A description of the procedures followed by the manufacturer to ensure the efficiency of factory production control to achieve the conformity of the manufactured toys with the design specified in the technical documents;
- e. A declaration regarding the conformity of the products.
- 3. The Manufacturer shall send the above listed technical documents to one NB of his choice for review and final approval. Whenever required, the NB can arrange necessary grouping, testing (fully or partially or on representative items) or technical assessment for the manufacturers.

Criteria of grouping:

- a. Same HS code.
- b. Similar age range,
- c. Same manufacturer (same supplier). Same manufacturer may sell same toy using different brand names. This also can be grouped,
- d. Same country,
- e. Similar function and material.
- f. There is no limit for the number of SKU if they meet above criteria.





Representative tests:

At least 1 SKU and a maximum 6 of the SKUs falling under the same group while 5% to 10% of the SKU in all cases. Test reports have to cover relevant hazards for toys categories. New products can be added to an existing group if they fulfil the criteria for that group.

- 4. On completion of step (3) the NB shall issue a Gulf Conformity Certificate (GC-Certificate) for manufacturer and approve the products in accordance with the requirements of the GCTS.
- 5. Manufacturer (who is responsible for the procedure) shall affix the GCTS according to the rules of the GSO.
- iv. Procedure for unlink importer
 - 1. This procedure is to be performed for homogenous consignments.
 - 2. Importer shall apply to a NB of his choice to perform the statistical sampling and the necessary tests and examinations to assess conformity of the toys with the safety requirements of the GSO TR.
 - 3. Acceptable level of sampling of each consignment is to be done, and relevant program of inspection and suitable tests on specimens of products are to be performed by the NB to ensure compliance, taking into consideration any available test reports or evidence of conformity (e.g. national certification mark) presented by the importer.
 - 4. On verification of the conformity of the toys the NB shall issue a Gulf Conformity Certificate (GC-Certificate) for importer and approve the products in accordance with the requirements of the GCTS.
 - 5. Importer shall affix the GCTS for each consignment according to the rules of the GSO, and the GCTS fees will be applicable once a year as per the Board of Directors decision.
- v. Applicable standards and responsibility
- 1. The following international standards (series) are adopted by the GSO and shall be applied in the preferential order as shown below:





- a. GSO EN 71 set, EN 71 set is accepted;
- b. IEC 62115, EN 62115 will require an additional gap analysis against GTTR essential requirement;
- c. ISO 8124-series, additional tests may be required;
- d. ASTM F963, additional tests may be required;
- 2. Adopt the updated version of standards. When new standard published, GSO can accept a grace period of 2 years after the publish date.
- 3. Test reports generally shall be considered valid evidence if they clearly relate to the applied products and those reports bear the endorsement logo of a reputable accreditation body being a member of the ILAC multilateral agreement and are not older than 3 years since its date of issue;
- 4. Whenever the NB has concerns as to the validity or authenticity of a test report presented by the manufacturer or importer, necessary additional testing may be arranged by the NB in agreement with the manufacturer.
- 5. Mandatory standards refer to Toys categorization-20210709.





D. Conformity Assessment Bodies

1. Notified Bodies

- 1.1 If the conformity Assessment procedure of the toy is carried out by a third-party body the latter must be notified in accordance with the gulf technical regulation related to the notification of the conformity assessment bodies
- 1.2 The Member States shall notify the Organization of the conformity assessment bodies that have been appointed by them as a notified body.
- 1.3 Notified bodies shall perform conformity assessment activities necessary to prove that a product submitted by a manufacturer or his representative fulfils all essential requirements of the applicable Gulf Technical Regulation(s) whenever one or more Gulf Technical Regulations require a third party>s intervention or upon request of the manufacturer or his representative, and shall award Conformity Markings to products.

Example of such activities are GC type examination, GCTS regisfration, shipment certification of unlink importers.





2. Conformity Assessment Body

- 2.1. Conformity Assessment Body means a body that performs conformity assessment activities, including calibration, testing, certification and inspection.
- 2.2. It shall be accredited in accordance with the Gulf technical regulations related to accreditation by the Gulf Accreditation Center or any accreditation body recognized under applicable international agreements.

Examples of such accreditation are, HOKLAS, CNAS, UKAS etc.















E. Gulf Standards and Relevant International Standards

- 1. According to GTTR, toys which are in conformity with Gulf standards or parts thereof shall be presumed to be in conformity with the requirements covered by those standards or the essential safety requirements as set out in the technical regulation.
- 2. Gulf standards and other relevant toy standards are listed as below. With reference to GSO document 20210709

Standard Reference Number	Standard Title	Apply condition
GSO EN 71-1	Mechanical and physical properties	
GSO EN 71-2	Flammability	
GSO EN 71-3	Migration of certain elements	
GSO EN 71-4	Experimental sets	
GSO EN 71-5	Chemical toys	
GSO EN 71-7	Finger paint	
GSO EN 71-8	Activity toys for indoor and outdoor	
GSO EN 71-9	Organic chemical compounds	If in scope
EN 71-12	Nitrosamines and nitrosatable substances	
EN 71-13	Olfactory board games, cosmetic kits and gustative games	
EN 71-14	Trampolines for domestic use	
IEC 62115 2017	Electrical toys	
EN 62115	Electrical toys	Gap analysis required to assess against essential safety requirement of BD 131704.



Standard Reference Number	Standard Title	Apply condition
GSO IEC 60825-1	LED	Gap analysis required to assess against essential safety requirement of BD 131704.
GSO IEC 61558-2-7	Power transformer	
Chemical hazard	Phthalate/AZO/Nickel/PAH/ Cadmium/BPA/Flame retardant/ formamide/Hygiene/TRA	Based on risk assessment on material and usage.
GSO ISO 8124-1	Mechanical and physical properties	Gap analysis required to assess against essential safety requirement of BD 131704.
GSO ISO 8124-2	Flammability	
GSO ISO 8124-3	Migration of certain elements	
GSO ISO 8124-6	Certain phthalate esters in toys and children's products	
GSO ASTM F963	Standard consumer safety specification for toy safety	

- Adoption by endorsement for the latest version of national/international standard and the previous adopted edition remains effective for 2 years starting from the date of publishing of updated standards.
- 3. According to GSO guidance, where there are no related Gulf standards, the most updated EN harmonized standard can be applied.
- 4. Where manufacturers determine to apply GSO ASTM F963 or GSO ISO 8124-3 for the compliance assessment, due to their coverage of heavy metal requirement are less than GSO EN71-3, manufacturers shall either attest the products on the variation area or go for GC type examination by notified bodies to ensure the compliance of the products.





	HS Code	Categories per HS Code	Classification per toy standards	Example
	9503.0010	Toy bicycles, tricycles, scooters, pedal cars and similar wheel toys (Bicycle- two-wheel vehicle, with or without stabilizers, with a maximum saddle height of 435mm or less and which is propelled solely by the muscular energy, by means of pedals, which has free-wheeling mechanism or a fixed drive Toy scooter – ride on toy, not intended for sport or to be used for travel on public roads, which is propelled by muscular action of the user and may be foldable or not. Intended for children with body weight 50 kg or less. Comprising at least one platform for standing, at least two wheels and a steering system equipped with an steering tube)	Pedal vehicles, kick scooters, walking bicycles, balance bikes, tricycles, wheel toys, stable vehicles with peday, small bicycles without peday.	
	9503.0020	Soft filled toys (Including plush toy and stuffed toys with textile covering. Toy, clothed or unclothed, with soft body surfaces	Simple dolls and animal	
	and filled with soft materials, readily allowing compression of the main part of the toy with hand)	Dolls imaginary animal characters with no removable component		



HS Code	Categories per HS Code	Classification per toy standards	Example
	Dolls, dolls carriages (Doll made of plastic or stuffed body. 503.0020 Also include doll accessories such as, milk bottle, feeding utensils, crib, bath accessories etc.)	Simple dolls and animal	
9503.0020		Mechanical and electrical operated toys	
		Light weight dress doll and dolls to dress	
9503.0030	Balloons (usually made of latex rubber material)		



HS Code	Categories per HS Code	Classification per toy standards	Example
9503.0090	Rattle (Plastic or wooden material or stuffed textile cover with internal rattle box. Rattles are toy intend for children who are too young to sit up unaided, that is clearly designed to emit sound when shaken or activated by the child or another person)	Rattles and rings	
		Balls or cylinders	
		Light weight balls	
9503.0090	Crib and playpen toys	Mobiles with or without sound	
		Crib gyms and playmats	



	Classification per toy				
HS Code	Categories per HS Code	Classification per toy standards	Example		
			1		
	Crib and playpen toys	Cradle and playpen toys			
9503.0090			Company of the Compan		
9303.0090		Activity playboards			
		Toys with sound to be mounted on cribs			
9503.0090	Squeeze toys (Pliable toy, intended for children who are too young to sit up unaided, incorporating a sound-making feature activated by forcing air through an opening, clearly designed to emit sound when flexed or squeezed by child or another person. Water squirter for infant may also be squeeze toy)	Squeeze toys			



HS Code	Categories per HS Code	Classification per toy standards	Example
9503.0090	Bath toys	Bath toys	
9503.0090	Soft books	Simple books made of textile or plastic	In the Water
9503.0090	Skill development toys (gross or fine motor skill development, learning toys usually for children under 3 years)	Simple blocks, nesting and stacking toys	
www.gso.org.sa		Simple ball and track toys	



HS Code	Categories per HS Code	Classification per toy standards	Example
	Skill development toys (gross or fine motor skill development, learning toys usually for children under 3 years)	Sliding beads on a fixed loop or shaft	
9503.0090 (g		Roly-poly, bop-punching and pop-up action toys	
		Cloth and similar soft material balls and geometric forms	
		Soft material in various shapes	
9503.0090	Hemispheric shape toys (hemispherical shape, half oval shape, half spherical shape intended for children under 3 years)	Bath stacking cup	



HS Code	Categories per HS Code	Classification per toy standards	Example
9503.0090	Hand held activity toys	Simple keyboards for hand held toys with buttons that activate lights and sounds	
9503.0090	Pull along and push toys (Toy on which movement is imparted by the user for example by pulling a cord or pushing it by means of a rigid extension)	Push-pull and rolling toys with cord or handle	
9503.0090	Push-pull toys	Simple push-pull rolling toys without cord or handle which make sound or light	
		Wheelbarrows and other vehicles to fill up and empty	
		Push toys with a long handle that provides stability	



HS Code	Categories per HS Code	Classification per toy standards	Example
9503.0090	Push-pull toys	Learn to walk toys	
9503.0090	Liquid filled teether (Toy design for oral use intended primarily for symptomatic relief of children's teething discomfort. Here special apply to teether with liquid filled inside)	Teethers and teething rings	
9503.0090	Figurines	Miniatures of simple characters	A A A
		Articulated figures with limited accessories	XXXX



HS Code	Categories per HS Code	Classification per toy standards	Example
9503.0090	Figurines	Simple playsets	
9503.0090		Pattern matching activities	G R C R Z O 7 8 9
		Building block that fit together	00 00000
		Mock ups, technical models	
	Construction, matching, assembly, puzzle and blocks toys	Shape sorters with miscellaneous shapes and colours	
		Puzzle less than 500 pieces	
		Construction and building set	



HS Code	Categories per HS Code	Classification per toy standards	Example
9503.0090	Sand water toys For children to play in beach or pure) sand play. May include water bucket, (sand mold, water sprinkler etc	Toys for sand and water	7 7
9503.0090	Toy pushchair Stroller or carrier for baby doll. May) (include folding frame or fixed frame		
9503.0090		Beauty care assessories for dolls	



HS Code	Categories per HS Code	Classification per toy standards	Example
9503.0090	Wooden toys (Different kinds of toys that are major made of wood)	Sliding beads on a fixed loop or shaft	0303000000 0 030300000 0 (313332) 231 030300 03030 0300 030300 0300 03030 0300 0300 0300 0300 0300 0300 0300 0300 030
9503.0090	Plastic toys (Different kinds of toys that are major made of plastic)	Floor toys	
9503.0090	Hand held toys-sound producing toys (Toy clearly designed to emit sound, intended to be held in the hand during play)	Musical toys	
	Table top or floor toys-sound producing toys (Toys clearly designed to emit sound,	Activity play centre	
	intend to be used on a table, floor or another large surface)	Activity play centre Audio equipment that imitates real equipment	
	Close to the ear toys (Toys clearly intend to emit sound and are intend to be used within 2.5 cm from the ear during play)	Telephone and cell phone	



HS Code	Categories per HS Code	Classification per toy standards	Example
9503.0090	Percussion toys (Toy clearly designed to emit sound when struck with a beater, such as a drumstick or by the hand)	Musical toys	Control of the contro
	Voice toys (toy clearly designed to emit sound by electronically amplifying or distorting the voice and where the output sound level depends on the input sound level of the voice, example, telephone, walkie-talkie, voice recording toys, bull horn)	Microphone and karaoke	
	Wind toys (toy clearly designed to emit sound when actuated by the blowing action of the child or another person)	Musical toys	
9503.0090	Projectile toys	Projectiles	
	(toys intend to project an object into free flight	Bowling type game and ring toss game	
9503.0090		Soap bubbles	



HS Code	Categories per HS Code	Classification per toy standards	Example
9503.0090	Toy musical instrument (Imitating musical instrument)	Musical toys	
		Electronic musical instruments	
9503.0090 9506.6990	Toy sport equipment and balls (imitation of sport equipment. Usually are simple or not in regulated sized)	Toy version of sporting equipment to imitate real sport versions	



HS Code	Categories per HS Code	Classification per toy standards	Example
9503.0090	Large and bulky toys (Toy that has a projected base area of more than 0.26 m^2 or a volume of more than 0.08 m^3 calculated without regard to minor appendages, or a mass of 4.5 kg or more)	Playscene	
		Soft or rigid playhouse toys with accessories sized to the children	THEATER GETCEN
		Soft and rigid structures in which the child can play	
		Puppet and simple threatres made of wood, plastic or fabric.	
9503.0090	Toys intend to be entered by a child (for example, toy tents, tunnel, puppet theater, play house)	Play tent and tunnel	



HS Code	Categories per HS Code	Classification per toy	Example
110 0000		standards	Example
		Boxes, tubs buckets and containers	TOTS
		Tool benches, pounding benches	
9503.0090	9503.0090 Tools and Props	Domestic appliance in a children's size trhat are more realistic but without actual function	
		Objects imitation home and professional activities	
www.gso.org.sa	leadership	Walkie Talkie	



HS Code	Categories per HS Code	Classification per toy standards	Example
	Flying objects	Toy kites	
9503.0090		Flying toys	
		Simple airplanes	
9503.0090	Role play toys (for children to imitate a social identity, example, doctor, chef, solder, during playing)	Toy tablewear s, pots and feeding accessories for dolls	
		Home appliances sized to the child, stoves, kitchen sets	
		Imitate dashboard panels	



HS Code	Categories per HS Code	Classification per toy standards	Example
9503.0090	Dress up material	Body stickers or paints to be applied on the child	
9503.0090	Ride on toys without electric (ride on toy propelled by muscular action of children)	Self standing foot to floor rideing toys and trikes without pedal	
9503.0090	Electrical driven ride on toy (ride on toy propelled by battery power)	Child size electrical vehicles	soft start & stop
9503.0090	Rocking horse and similar (ride on toy where children can rock during play)	Rocking animals and rocker chairs	
9503.0090	Toys intended to b ear the mass of a child (toy intended to bear the whole or part of the children's weight during playing)	Activity toys for indoor and outdoor domestic use	7



HS Code	Categories per HS Code	Classification per toy standards	Example
9503.0090	Educational toys (toys that enhance children's learning during playing or experiment)	Experimental kits and scientific kits	
9503.0090	Educational toys - Chemical toy (toys intended for the direct handling of chemical substances and mixtures and which is used in a manner appropriate to a given age group and under the supervision of an adult)	·	Growing Kir
9503.0090	Equcational toys - Functional toys (Toys which is used in the same way as a product, an appliance intended for use by adults and which may be a scale model of such a product)	Functional toys	
9503.0090	Equcational toys - Olfactory board game, cosmetic kits and gustative games Olfactory board game: game set which is an aid for children to learn to recognize different odours or flavours. Cosmetic kits: assist children to learn making cosmetic products such as fragrances, soap, shampoo, bath foams etc Gustative games: toy set which allow children to make sweets or dishes with food ingredients)	Experimental kits and scientific kits	



HS Code	Categories per HS Code	Classification per toy	Example
		standards	
9503.0090	Educational toy	Books with thick pages, usually for infant	What am 12
		Time-learning game	11 12 1 10 CASHETTI 2 10 CASHETTI
		Quantity, size, volume, weight, space and shape learning	abe uvw
9503.0090	Reduce size scale models, recreational models	Detail scale and more realistic vehicle replicas	
9503.0090	Toys stickers	Toys for creative activity	



HS Code	Categories per HS Code	Classification per toy standards	Example
		Stamps	
		Insertion and tying toys and crafts	
9503.0090		Craft such as weaving looms, needle embroidery kits or sewing equipment	
A	Arts and Craft set (for crafting or creative playing)	Perforated and cut out toys	
		Engraving and metal work in simple to complex detail	
		Folding crafts	***
		Clay and ceramic crafts for modeling	
		Modelling and moulding,	
v www.gso.org.sa	plaster and sands	Plaster Holding pender	



HS Code	Categories per HS Code	Classification per toy standards	Example
9609.9030		Coloring and painting material	
9609.9040		Chalk for children playing	SIDEWALK CHALK
9608.2000	material, crayon, color pen, felt pen, coloring, painting set exclusively for children	Felt pen for children	
9503.0090		Finger paint	
96.09		Coloring and painting kits	
9503.0090		Writing board	
4903.0010		Drawing set and coloring book	



HS Code	Categories per HS Code	Classification per toy standards	Example
	Recreational equipment	Simple obstacle and hopscotch	
		Stilt walking and hula hoops	
9503.0090 R		Yoyo and spinning tops	
		Jump rope	
		Electronic playmat	
		Table game 9504.2000	



HS Code	Categories per HS Code	Classification per toy standards	Example
9503.0090	Recreational equipment - activity toys for domestic use (toy for domestic use, in which the support structure remains stationary while the activity is taking place and which is intended for the performance by a child of any of the following activities: climbing, jumping, swinging, sliding, rocking, spinning, padding, crawling and creeping or any combination thereof)	Activity toys for indoor or outdoor domestic use	
9503.0090 9506.9000	Recreational equipment - Trampolines for domestic use (trampolines for domestic use, intended for outdoor or indoor use above ground level by one person at a time)	Activity toys for indoor or outdoor domestic use	
9503.0090 9506.9000	Recreational equipment - Bouncing castle for domestic use	Activity toys for indoor or outdoor domestic use	
9503.0090 9506.2900	Recreational equipment - Aquatic toys Aquatic toys inflatable toys (intended to be use on water and for supporting the weight of children)	Aquatic toys	



HS Code	Categories per HS Code	Classification per toy standards	Example
9506.6200	Recreational equipment - Padding pool Not include other articles and equipment for general physical exercise, athletes or sports.	Wading or padding pools	
9503.0090	Toy costumes (These include, for example, cowboy suits, nurses' outfit and long flowing capes where children wear them during playing activities)	Simple costume and disguise	
		Costumes, dress up clothing and accessories imitation characters of legends and tales	i in
9503.0090	Game set (Need to follow rules or using strategies during play. Children may also need to cooperate with others)	Simple card games 9504.9000	
		Social family games	
		Cooperative games	



HS Code	Categories per HS Code	Classification per toy standards	Example	
		Game of chance	B I N G D 14 16 44 5 24 24 50 66 10 24 7 18 62 39 15 16 33 51 168 10 24 7 18 7 29 4 27 2 19 2 17 6 23 55 67 3 28 6 30 7 22 24 6 60 65	
		Table games with pathways		
	Game set (Need to follow rules or using strategies during play. Children may also need to cooperate with others)	Social games for young children		
9503.0090		Ability and skill games Yoyo balls (toy made from elastic material consisting of a tether usually having a loop at one end to place around a finger, and a flexible object at the other end)		
	Electronic ability and skill games			
			Simple strategy and reasoning games 9504.9000	May a
		Games for strategy and reasoning 9504.9000		



HS Code	Categories per HS Code	Classification per toy standards	Example
		Simple conquering and role playing games	
9503.0090	Game set (Need to follow rules or using strategies during play. Children may	General knowledge games	
	also need to cooperate with others)	Number and letter games usually for multi players 9504.9000	F ₄ R, E, E,
		Game collection	
9503.0090 9504.9080	Audio visual toys (Including video or sound recording, simple computer teaching toys)	Computer tablet and hand held game	
9503.0040	Toys that reproduce technical world	Complex remote control flying toy	BAN
6704.9000	Wigs, false hair, beards made of synthetic textile material for children in disguise purpose.	Costumes, dress up clothing and accessories imitation characters of legends and tales	



HS Code	Categories per HS Code	Classification per toy standards	Example
9503.0090	Smart toys	Complex control robot and electronic products	
		Complex remote control vehicles	
	9503.0090 Small vehicle toys	Complex mechanical or electrical powered vehicles and machines	
9503.0090		Tracked electrical cars, trains and accessories	
	Non powered vehicles and machines		
2505.9000	Sand and similar material for children playing purpose	Toys for sand and water	PLAY SAND COMMON USES I SAND DATA PAR GROUND ARRAS PAR GROUND ARRAS ARRESTE BATTE ARRE



2.2 The items provided overleaf are not to be considered as toys within the meaning of this BD 131704-01 regulation.

The regulation does not apply to the following items

(Refer to Annex I of the Technical Regulation)

List of Products that are Not Considered as Toys within the Meaning of GTTR			
Product categories	Example of product type		
Decorative objects for festivities and celebrations (pure for decoration and no play value) HS code 9505.1000			
Products for collectors with legible indication that it is intended for collectors of 14 years and above. (for adult collectors only, no play value for children) HS code 9705	Detail and faithful scale models		
	Kits for assembly of detailed scale models	S Pecher	
	Folk dolls and decorative dolls and other similar articles		
	Historical replica of toys		
	Reproductions of real firearms		



List of Products that are Not	Considered as Toys within the	Meaning of GTTR
Product categories	Example of product type	
Sport equipment, roller skates, inline skates and skateboards for children of body weight more than 20kg (usually for professional sport use, regulated size) HS code 9506	Sport equipment	
	Roller skates	
	Inline skates	
	skateboards	6
Bicycles with maximum saddle height > 435mm (seat pillar set to the minimum insertion mark)	HS code 8712.0010	
Scooter for sport or public road use	HS code 8712.0010	
Electrical vehicles intended to be used for public road	(high speed, powered by battery or fuel)	



List of Products that are Not Considered as Toys within the Meaning of GTTR			
Product categories	Example of product type		
Aquatic equipment intended for deep	Aquatic equipment for deep water 9506.2100		
water, swimming learning devices, swim seats (for example, swim mattress, boat with oars)	Swim seat 9506.2900	Region to the second se	
	Swim learning device, arm band 9506.2900		
Puzzle > 500 pieces		Assumed Paries	
Compress gas gun			
Firework (with pyrotechnic material) HS code 3604.1010		BANGI	
Sharp-pointed missiles, such as darts with metallic points.			
Functional educational product with voltage > 24V which are sold exclusively for teaching purposes.	Electric iron		



List of Products that are Not Considered as Toys within the Meaning of GTTR			
Product categories	Example of product type		
	Baking oven		
Educational product for school	(under supervision of teachers, purely for educational use)		
Game console without play value on its own (only play on their softwear) HS code 9504	Game console	S. 55	
	Computer		
	Game controller		
Software, intended for leisure and entertainment, such as computer game and their storage media HS code 8523			
Babies soothers (purely for infant baby use and no play feature)			
Child appealing luminaires	light mounting on wall or table top light		



List of Products that are Not Considered as Toys within the Meaning of GTTR			
Product categories	Example of product type		
Electric transformer for toy	Isolating and switch mode transformers		
Fashion accessories for children which are not for use in play (for fashion use and no play value) HS code 7101	DIY children jewelry set.		

The regulation also does not apply to the following toys (Refer to Article 2 of the Technical Regulation)

The Technical Regulation Do Not Apply To Below Toys		
Playground equipment intended for public use		
Automatic playing machines (usually in shopping malls) HS code 9504.3000	Tro-Ba-	
Toy vehicles equipped with combustion engines		
Toy steam engines		
Slings and catapults (without a projectile provided)	4	



3 Chapter Three

Classification of Toys





Classification of Toys

A. Children's Product

1. Definition of Children's Products

A consumer product designed or intended primarily for children.

2. To determine whether the product is a children product, the following factors are considered;

- a. A statement by a manufacturer about the intended use of such product, including a label on such product if such statement is reasonable.
- b. Whether the product is represented in its packaging, display, promotion, or advertising as appropriate for use by children.
- c. Whether the product is commonly recognized by consumers as being intended for use by a child.
- d. The Age Determination.

3. Statements/Claims of manufacturer about the intended age can be reference if:

- a. It is reasonable
- b. It is consistent with the expect use pattern
- c. It is not contradicting with the primary appeal
- d. It is not contradicting with primary intend





Statement/Claims of Manufacturer for Children's Product	Example	Children's Product?
Clear indication of intended user age	CONTROL OF THE PARTY OF THE PAR	Yes
Not reasonable statement: This is an R/C car set with simple remote function. • The age label is not consistence with usage. It is too simple to operate and clearly suitable for children	For over 14 years	No
Not reasonable statement: This is a big model set to build railway model • Not consistent with expect use pattern. This is too big and too complicated for children. This should be adult hobby item	For age over 3	No
Not reasonable statement: This is a stuffed bear for Valentine • The primary appeal is suitable for children of all ages	For over 14 years	Yes



4. Whether the product is represented in its packaging, display, promotion, or advertising as appropriate for use by children

Advertising	Example	Children's Product?
Packaging image indicate it is children product • With child appealing graphic		Yes
Packaging image • Clearly indicate user is children	First Space Company of the Company o	Yes
Location of sell. In a toy shop • Location of selling is a factor, but not critical factor		

- 5. Whether the product is commonly recognized by consumers as being intended for use by a child
- a. Whether consumer perception of product a being used by children depends on;
- b. Any specific feature that usually found in children product?
- c. Whether the cost is reasonable for children use?
- d. Whether the product has interaction with children?



Advertising	Example	Children's Product?
Special features that usually found in children's products	Animal Feature at Chair Cartoon Printing on Hanger Cartoon Printing on Hange Cartoon Printing on Hange	Yes



Advertising	Example	Children's Product?
Cost • Children products may not be very expensive	Expensive Die Cast Model Jewelry Necklace Big R/C Plane	No
No interaction with children • Baby monitor place near crib but the purpose is for parent monitoring children • There is no interaction between children and the product	Baby Monitor	No



Children's Product?		
No	Yes	
	Productions of the Control of the Co	
	Total Production of the Control of t	
	min Control of the Co	



B. Toy

1. Toy Definitions

- a. An object used in play.
- b. Toys to encourage play, stimulate imagination, amuse a child.
- c. A children product for age below 14 years and that has play value.
- d. A product or material designed or clearly intended for use in play by children of less than 14 years of age.

2. Play

- a. Intrinsically motivated activities that are normally associated with pleasure and enjoyment
- b. Play is self-choose and self-directed

3. Play value

- a. Feature attractive to children that promote interactive exploration and imagination
- b. Action performed for entertainment and amusement
- c. When they are fun and engaging, playthings are said to have play value

4. The playing value is introduced in an intended way by the manufacturer. Attractive to children does not of itself cause a product to be a toy

Play Value?	Тоу	Non-Toy
Children have interaction with the disc with the hand held game. But, no interaction with the DVD. They just watch TV movie.	Game book with a disc	DVD
The construction playing is self-directed and entertains. The science model used in school is only knowledge teaching. Not self-direct to get entertainment.	Magnetic construction toy	Science model making molecule use in teaching



	_	
Play Value?	Тоу	Non-Toy
Book with sensory element or other play feature that promote interaction. In handbag shape also enhance imagination play. Story book is just for learning.	Book with plush feature and book made like hand bag	Story reading book
An eraser that can be a puzzle can promote imagination, exploration and also entertain. Butterfly eraser is only a children's product without play value.	Eraser that at the same time a 3D puzzle	Eraser with butterfly printing
Play costume promote imagination and dress to pretend play for entertainment. Fashion apparel dress has no play value.	Dress costume to imitate hero	Fashion apparel for children
Children shoes in stuffed animal appearance can promote imaginary when wearing. That is for entertainment. The fish can be played as soft toy. While the shoes is just for general use.	Foot wear in a fish character and with stuffing.	Sport shoes
Eating utensil with play feature added. They are engaging and fun and entertaining. Pure eating utensil is just for general use without play value	Eating utensils with vehicle features added	Eating utensils



Play Value?	Тоу	Non-Toy
Children toilet pot like a boat with additional steering feature. This enhances imaginary and can be pretend as riding for fun. The common children toilet pot has no play value.	Pot with steering wheel feature added	Children pot
Jewelry set made of plastic and children putting bead on string to make their imitate jewelry. This promote interaction, imagination and for entertaining. Fashion jewelry is only for decoration and no interaction and not promotes imagination.	Plastic jewelry set	Fashion jewelry wear on head
Toy in shape of milk bottle and a real milk bottle. Toy milk bottle is use for playing while the real milk bottle is feeding utensil only	Toy milk bottle with candy inside	Real milk bottle

C. General Use Products and Adult Hobby/Collecting Products

1. General Use Product

Product that is not intend primary for a specific age and not fall into children product and toy is consider general use product.

2. Adult hobby/collecting product

- a. Products that are intend primary for adult or over 14 years of age.
- b. Below factors can be useful to determine an adult hobby and collective product.





i. Manufacturer's intend

- Labelling: Clear labelling of the intended user group; example "For adult collectors".
- · Consistence of the descriptive material and graphic of packaging to the intended users

ii. Marketing

- · Packaging image: more professional, adult attractive
- · Any established product line for adult.
- · Where to sell: would it separate from children toys?
- Pricing: generally more expensive compare with children toys.

iii. Appearance and features

- Higher level of detail
- High reality, fine features
- Higher complexity
- More professional
- Complicated assembly
- · With extend additional components
- High quality/prestige

iv. Mode of use/Skill level/performance

- · Competitive/team play. For example war game
- Higher skill level to operate
- · High performance of the product
- Speed, accurate, sensitivity, force, function

v. Size/weight/material

- Size/weight fit for adult. Refer to body size and physical capability
- Fine/fragile material; example ceramic, resin





Packaging image is more professional, informative. Appearance: high level of detail, fine featured High complexity and with extend component for collectors Professional. Some requires special site for playing High skill level required. Product with high performance. Competitive use mode. Example, war game product. Competition product. Adult size.

Fine, fragile material. Example resin, ceramic.



D. Age Grading

1. Purpose of Age Grading Determination

- a. Age grading determination is important in toy safety evaluation
- b. An inappropriate age grade could result in inappropriate testing and incorrect conclusions on the conformity of the toy.
- c. A suitable age determination is needed before any testing or safety assessment begins.

2. Age Grading Determination

- a. Various characteristics and functions of a toy are matched to the characteristics of children of different stage of development to determine whether it is appropriate for such stage/age
- b. Following factors are to be considered during age grading determination
 - Size, weight, Number (ease of handling)
 - Color
 - Theme
 - Degree of realism
 - Function audio, visual effect
 - Skill level
 - Packaging, advertising and marking
 - · Location of sale

3. Concept used to determine age

- a. Two major area of development
 - Mental/cognitive development
 - Physical development (Gross/fine motor skill)
- b. Cognitive development
 - · Jean Piaget's stage of cognitive development
 - EU classification of age CR 14379 mainly developed based on this theory
 - ISO 8124-8 are also refer to part of this theory
- c. Jean Piaget's 4 stages of intellectual growth in the following orders
 - i. Sensorimotor stage 0 to 2 years
 - Infant learn by coordinate their sensory input and motor capability. The child has to use its senses to see, hear, taste and feel in order to learn.





- ii. Preoperational stage 2 to 7 years
- Children start to think more systematically. They can use language and symbol to represent things. Their thinking still intuitive and egocentric.
- iii. Concrete operational stage 7 to 11 years
- The reasoning of children develop towards logic and systematic. Children quickly acquire cognitive operation and apply these new skills when thinking about objects and events that they have experienced.
- iv. Formal operational stage 11 to 12 years and beyond
- Children begin to think more rationally and systematically about abstract concepts and hypothetical events

Below is the table shows the relationship between cognitive and physical development of children in relation to suitable toys for them.

Cognitive Development	Physical Development	Likes and Needs	Example of Suitable Toys
Months - Sensorimotor Stage 0-4			

During the first 1 month:

 Reflexes dominant. They have no voluntary control of their own action.

1 to 4 months:

 Main focus is still on the infant's own body. Mainly passive reactions at this phase.

- Visual distance 8" when new born
- Attracted to vibrant colours; red, yellow
- Reflex grasp, clench hand into fist
- Sucking everything
- Cannot roll over
- Can respond to loud noise, like gentle sounds
- Taste and smell also well developed
- Something to look at (short distance)
- Something to listen (gentle sound)









Example Likes and Needs Cognitive Development Physical Development of Suitable Toys **Months - Sensorimotor Stage 4-8** Track moving objects with eyes reach for and grasp Infant increasing focus on Something to objects and events in their Shake grasp environment. Mouthing (teething) Something to bite Laugh • Exercise simple motor habits. Repeat action if it makes them Something that Roll over moves happy. e.g. make sound • Push up, sit, creep Move object from one hand to the other

Months - Sensorimotor Stage 8-12

- Starting goal-directed behavior and coordinate two move actions.
- Start Imitative behaviors, to learn through observing the behaviors of others.
- Squeeze, throw, drop
- Pincer grasp
- Crawl forward/backward,
- Dumping item into container
- Marking on paper,
- Response to simple verbal request
- Recognize face
- Distinguish voice

- Something to roll
- Something to splash
- Something to pound















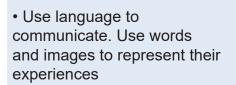
Cognitive Development	Physical Development	Likes and Needs	Example of Suitable Toys
Children will experience with objects using "trial and error" method. Example, to drop or to bang the objects in order to reproduce interesting results They realize that objects are still exist even they are moved away and will search for them. (object permanent) They will imitate accurately. Understand simple words	 Matching Stack several blocks Can speak simple words pull along things Sway to music Climb, Jumping and running walk up stairs Drink with cup Remember simple pictures, letters, numbers 	 something to build Something to carry along something to disassemble and put together something to climb on 	



Cognitive Development	Physical Development	Likes and Needs	Example of Suitable Toys
Mon	ths - Sensorimotor Stage	18-24	
 Internalize what they have learn and work out solutions to problems mentally Defer imitation of complex behavioral sequences Ability to reproduce the behavior of an absent model 	Matching Stack several blocks Can speak simple words pull along things Sway to music Climb, Jumping and running walk up stairs Drink with cup Remember simple pictures, letters, numbers	 something to build Something to carry along something to disassemble and put together something to climb on 	0234678

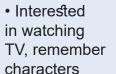


Cognitive Development	Physical Development	Likes and Needs	Example of Suitable Toys		
Months - Preoperational Stage 24-36					



- Magical beliefs, everything has life.
- Imaginative play: For example, a chair pretends to be a car.
 Feeding imaginary cereal to a doll

- grasp crayon and draw with entire arm
- Manipulate touch and close fastener
- Turn pages
- · Balancing, pedal riding
- Can use simple learning toys, counting
- Turn door knob
- Simple wind up action
- throw and catch
- Simple remote control



- A book to look at
- something to talk to
- Something to mould
- Something to draw















A mag V			
Cognitive Development	Physical Development	Likes and Needs	Example of Suitable Toys
Month	ns - Preoperational Stage	36-48	
 Able to understand, remember event, and picture objects in their mind without having the object in front of them Symbolic problem solving Pretend/social play: pretending 	 knows letters and colours More spatial skills dress and undress, stand on one foot, walk on tip toe 	• Try to solve problems	
to be someone else, appear around 2.5 year and increase rapidly 4 to 5 • Egocentric • Difficult to recognize other person's point of view • Little respect to rules	 bounce a ball, Thread large beads on lace Cut paper with scissor hold pencil with thumb and forefinger 	Fantasy and role playmore energetic	





Cognitive Development	Physical Development	Likes and Needs	Example of Suitable
	rs - Preoperational Stage		Toys
 Want the knowledge of knowing everything Lack ability to concentrate on multiple aspects Know sequences but unable to mentally reverse a sequence of events Develop moral concept 	 Can concentrate for a short time and gradually increase Chase, Skip, Good coordination of body catch throw accurately Dancing with rhythm music Using play equipment slide, swing kick with force ride two wheel bike Can tell stories, sing a song 	 Are curious and ask question Play game To compete with playmates Like more realistic toys Gender preference 	



Cognitive Development	Physical Development	Likes and Needs	Example of Suitable Toys
Years	- Concrete Operational St	age 7-11	
 Rapidly acquire new skill and apply them. Make conclusion due to concrete facts, experience can focus on more than one aspect of situation when seeking answer to a problem Can mentally negate changes to make before/after comparison Start to process concept of hierarchical, classification Not so egocentric and start to consider other person Understand rules and can follow 	 years up sewing Competent in writing Able to handle 2 wheel bike and roller skate years up Master most physical skills, coordination, balance and 	 to master the knowledge play joke Sport 	TOYABAR COMPUTER STATE OF THE S





Cognitive Development	Physical Development	Likes and Needs	Example of Suitable Toys
Over 11	Years - Formal Operation	nal Stage	
 Handle abstract situation and make decision. Personal fable (Children may think that they are special, unique and even invulnerable) and gradually more realistic thought. Children begin to consider possible outcome, weighting alternative course of action and their consequence. Logical reasoning and not necessary think based on past acquired facts. But to generate hypotheses 	 Can use more advance skills Can play team sport 	Like challenges Like to create, handle abstract situation	

Document that are useful in age grading determination

a. United States

• CPSC Age Determination Guidelines 2020

b. European Union

 \bullet CR 14379 Classification of toys – Guidelines and available official guidance documents on the application of the directive on safety of toys EN 13387

c. International

• ISO/TR 8124-8 Age determination guidelines





6. How to use the document to help determine the age grade

Example 1: Length of the shoes ~ 18 cm, Width of the shoes ~ 7 cm



Cognitive Development Theory	Pretend/social play: pretending to be someone else, appear around 2.5 year and increase rapidly 4 to 5				
Classification of Toys CR14379	Table 8 – Costume (Category G)	es, disguises and masks (int	ended to imitate)		
		< 36 months	≥ 36 months		
	Functions and characteristics	To fit the size of a child < 36 months	To fit the size of a child ≥ 36 months		
	Examples		Accessories, like a sword, gun		
			<u> </u>		

3 Years

CPSC Age Determination Guidelines

Three-year-olds look forward to pretending with costumes, accessories, and kits of moderately realistic detail in either rich, vibrant colors or pastel colors. They enjoy costumes and dress-up materials. Jewelry, such as bracelets, necklaces, rings and earrings, appeal when they have a moderate level of realistic detail in form and function.

ISO/TR 8124-8 Age				
Determination Guidelines				

5.2.1 2 y Costrones, dress up dothing and scressories imitating characters of legends and tales – cost times seved to children with accessories such as masks, holmate, swords



Example 1: Length of the shoes ~ 18 cm, Width of the shoes ~ 7 cm







Judgement: Appropriate for children ages over 3 through 6 year old

Example 2: Doll



Cognitive Development Theory

24-36 months - Preoperational stage
Pretend to be a car. Feeding imaginary cereal to a doll



Child Data



Example 2: Doll

< 36 months

Soft and cuddly

Table 9 - Dolls and soft filled toys (Category H)

Simple design (except for doll's face).

≥ 36 months

Paper dolls

Dolls that cry, wet, move, drink, hair that can be styled, tight fitting clothes.
Action figures.

Realistic accessories (meaning dolls with articulated limbs, realistic proportion, specialised equipment) Simple wearing accessories. Simple additional items (e.g. milk bottle for dolls). Washable or cleanable Toys that make noise due to baby's Toys that make noise due to baby's actions (rattle inside). Dolls with few details: eyes that open and shut, pull-string for dolls to talk or make noise, very easy to dress. Washable rubber dolls. Rag dolls. Dolls with simple to use (requiring easy action) electric, electronic or mechanical equipment inside. Dolls with moving eyes, talking dolls. Dolls with a lot of accessories. Dolls with articulated limbs and arms (hard-body dolls). Dolls with special features (mechanical, electrical or electronically activated. Fashion dolls. Examples: Dolls

Classification of Toys CR14379

EU Guidance Document No.1

Functions and characteristics

Dolls can resemble a baby, a child, an adolescent or an adult and be both male and female. Dolls account for a very broad and diverse segment of the toy market, reflecting their design, level of realism and, in some cases, their accompanying accessories.

Determining factors used to confirm the suitability of the products for children under 3 years old:

- simple design;
- flexible, soft, smooth, cuddly products which resemble babies or little children;
- made entirely from padded fabric (example 1-3);
- bodies made completely from padded fabric, but with head and limbs made from rubber or PVC, or even totally made from rubber or PVC (example 4-6);
- head and limbs which can be moved only very slightly;
- simple actions which make the doll move, cry or talk (pulling a cord, pressing a button, etc.);
- with little or no interaction.

Non-determining factors:

- hair, made from wool or imitation hair;
- eves which close.

4.6. Baby dolls and dolls sold with associated features

4.6.1. Boxes should be designed for children under 3 years old

In addition to the doll with the features mentioned above, the box may include:

- non-removable clothes which the doll is already wearing;
- clothes which are easy to put on and take off, do not need adjustment, and are already worn by the doll or included as spare clothes;
- objects which are associated with children under 3 years old and which reflect their capabilities (potty, bib, plate, spoon, etc).

4.6.2. Boxes not intended for children under 3 years old but contain a doll suitable to this age group

If the doll meets the requirement from point 4.6.1, it should be suitable for children under 3 years old. Children under 3 years old should only be barred from access to the toy on





Example 2: Doll

2 Years

CPSC Age Determination Guidelines

Children in this age group increasingly recognize the symbolic connections between toys and the real world, and start to pretend more often than younger children. This pretend play also occurs in more complex ways. These children have a low to moderate degree of fine-motor dexterity and control, and can handle slightly larger (12 to 18 inches) and heavier (8 to 16 ounces) dolls and stuffed toys. These toys may have a small number (about two to four) of familiar accessories such as a bottle, blanket, or bone. Characteristics such as these are important for these children to initiate pretend episodes and to practice being friends or caring partners. As these children approach 3 years of age, dolls become more appealing when they have a low to moderate level of realistic details in their facial features, hair, clothing, and accessories. This is especially true for baby dolls. Children of this age also begin to appreciate eyes that move, like baby dolls that sleep and awake.

ISO/TR 8124-8 Age Determination Guidelines

18 mo+	Dolls for imitating care activities (bathing and feeding) – simple dolls imitating babies, without hair or with moulded hair, with painted eyes and without articulated arms and legs
2 y+	Lightweight dressed dolls, and dolls to dress (excluding fashion dolls) – moving eyes, articulated arms and legs, rooted hair similar to real hair, animated activities, such as crying, bodily functions, smiling, or talking, with easy to dress clothing and accessories for imitating familiar activities (bottle, blanket, etc.)

Judgement: Appropriate for children ages over 2 years





7. Summary of different categories of toys regarding age grade (reference to ISO 8124-8)

Birth to under 4 months



4 months to 8 months



8 months to 12 months



12 months to 18 months



18 months to 24 months





24 months to 36 months



3 years to 4 years



4 years to 6 years



6 years to 8 years



8 years to 14 years







4 Chapter Four

High-Risk Product and Features



High-Risk Product and Features

A. Different Kinds of Toys Hazards

Different kinds of hazards that may be found on toy

Hazard Category	Hazard	Common Found Toy Categories	Toy Category Examples	Common Risk Features	Examples
Physical and Mechanical	• Airway Obstruction/ Choking	Doll and Soft Toys Baby Toys and Skill Development Toys Mouth actuated toys Bath Toys Projectile Toys	Trusper Horn for Kida	 Stuffing material Plastic eyes and nose on plush toys Mouth piece Small ball shapes Objects with spherical end Small round headed figurine Suction cup Wooden bead and knobs Magnet 	MYSTONIA
More examples			1		



Hazard Category	Hazard	Common Found Toy Categories	Toy Category Examples	Common Risk Features	Examples
Physical and Mechanical	Suffocation / Asphyxiation	 Doll and Soft Toys Baby Toys and Skill Development Toys Bath toys 		 Hemispherical objects Objects with spherical end Roto-cast animals Rattle or maracas Toys with big polybag or plastic film 	
Physical and Mechanical	• Strangulation	Doll and Soft Toys Baby Toys and Skill Development Toys Costume Yo Yo ball		 Crib toys with cords Stuffed toys with cords Ride on toys with cords Costume with cords Toy bags with cord 	





Hazard Category	Hazard	Common Found Toy Categories	Toy Category Examples	Common Risk Features	Examples
Physical and Mechanical	• Entrapment	Activity toysAction toysToy chest		 Toys that children can enter Activity toys with big open or gap Toys with big internal cavity 	
Physical and Mechanical	• Crushing/ Pinching	Baby Toys and Skill Development Toys Ride on Toys Electrical driven vehicles		 Toys with folding parts Toys with motion and changing clearance 	AND DESIGNATION OF THE PARTY OF



Hazard Category	Hazard	Common Found Toy Categories	Toy Category Examples	Common Risk Features	Examples
Physical and Mechanical	• Laceration/ Shearing	Baby Toys and Skill Development Toys Toy experimental set Flying Toys		 Metal toys Toys with metal wire Toys with internal wire skeleton Toys with glass or metal cutter Helicopter rotor 	Manhana
Physical and Mechanical	• Puncture/ Penetration Eye Injury	 Projectile toys Mechanical or electrical vehicles Play scenes Flying Toys 		Rigid projectilesRigid bath toysToys with wheelsToys with big tube	
Physical and Mechanical	• Impact	Projectile toys Flying toys	115	Projectile toys	





Hazard Category	Hazard	Common Found Toy Categories	Toy Category Examples	Common Risk Features	Examples
Physical and Mechanical	• Falling	Activity toysRide on toys		 Toys seat at high centre of gravity Ride on toys with wheels/base not wide apart 	
Physical and Mechanical	• Hearing Damage	 Baby Toys and Skill Development Toys Musical toys 		 Close to the ear toys Toy drums, xylophone, clapper Voice karoake toys 	
Physical and Mechanical	• Drowning	• Aquatic toys		Inflatable aquatic ride on toy	



Hazard Category	Hazard	Common Found Toy Categories	Toy Category Examples	Common Risk Features	Examples
Chemical	• Poisoning	Wooden toy Color pencil Art and craft set (e.g. Modelling clay, slime, etc.) Plastic toy Toy jewelry		 Paint/ coating component (migratation of toxic element) Color pencil lead (migratation of toxic element) Modelling clay, slime, etc. (migration of toxic element) Plastic component (total cadmium) Metal parts of toys jewelry (total cadmium) 	
Chemical	• Chemical Burn	 Experimental set Battery operated toy Chemical toys 		 Chemical experiment Children watches (button cell detachable and swallowed by children) Toys contains mobile material such as liquid, putties, gel, powder, etc. 	



Hazard Category	Hazard	Common Found Toy Categories	Toy Category Examples	Common Risk Features	Examples
Chemical	• Allergic/Irritation	 Toys jewelry Metal construction kit Magnetic toy Toy handcuffs Chemical toys 		 Prolong skin contact metal components or metal plated components (release of nickel) Toys contains mobile material such as liquid, putties, gel, powder, etc. 	
Chemical	• CMR	 Plush toys Costume Soft plastic toys (e.g. Bath toys) Stickers 		Fabric component (azo dye) Soft plastic component (phthalates)	



Hazard Category	Hazard	Common Found Toy Categories	Toy Category Examples	Common Risk Features	Examples
Chemical	Hot or Cold Burning	• Educational toys		Experimental set with chemical	
Electrical	• Electrocution	 Battery powered ride on toys Electrical experimental set R/C electrical vehicles Functional toys 		 Electrical ride on toy with motor Toys with rechargeable batteries Toys powered by adaptor Toys with heaters 	
Electrical	• Thermal Burn	 Battery powered ride on toys Functional toys R/C electrical vehicle 		 Electrical toys with rechargeable batteries Electrical ride on toy Electrical toys with motors or heaters 	Co C



Hazard Category	Hazard	Common Found Toy Categories	Toy Category Examples	Common Risk Features	Examples
Flammability	• Burning	Toys head wear Costume Toys that children can enter Stuffed toys Liquid filled toys		 Pile fabric stuffed toys Wigs or false hair Headwear with flowing strands Human clothing Tent Liquid filled teether Water globe 	
Flammability	• Poisoning/ Asphyxiation	 Big stuffed toys Big PVC inflatable toys Battery powered ride on toys 		Big size textile toys or electrical toys	
Hygiene	• Bacterial Infection	 Baby Toys and Skill Development Toys Educational Toys Art and Craft 		 Cosmetics Toys contains mobile material such as liquid, putties, gel, powder, etc. 	



Hazard Category	Hazard	Common Found Toy Categories	Toy Category Examples	Common Risk Features	Examples
Hygiene	• Poisoning	 Baby Toys and Skill Development Toy Educational Toys Art and Craft Toys 		Cosmetic Toy contains mobile material such as liquid, putties, gel, powder, etc	
Radioactivity	• Photochemical	• Experimental or educational toys	1 排奇的矿石 注593 正反 里外颜色不	 Toys with led for lighting Toys with minerals or stones 	1 推合的都石 但相形完全
Radioactivity	Photo- Convulsive Response	• Electrical toys with light		Toys with blinking light	



5 Chapter Five

GSO Toy Standard Requirement



GSO Toy Standard Requirement

A. GSO EN 71-1 Requirements

Hazard

Summary Requirements

GSO EN71-1 Physical and Mechanical Properties

- Material shall be clean and free from infestation.
- Fillings for soft-filled toys shall not contain any hard and sharp contaminants.



- Accessible glass may be used in toys for children of 36 months and over only if it is functional. Accessible glass/porcelain is not allowed in toys for children under 36 months.
- Small part expanding material that expands more than 50% in water after 72 hours is not allowed.

Material



Balloon made of natural rubber latex shall carry a warning.







Summary Requirements

GSO EN71-1 Physical and Mechanical Properties

• Toys intended for children under 36 months shall not present small parts.







- Toy magnets for children under 36 months, shall not as small parts even the magnetic flux index less than 50kG2mm2.
- Soft-filled toys. a) After tension test, shall not permit to insert the front part of probe A through any opening in the seam. May be accepted if it clearly does not create a hazard. b) Containing fibrous filling material, after tension test, shall not permit to insert a 12mm rod more than 6 mm in any opening of the seam.

Choking



· Mouth-actuated toys shall not as small part.





- Balloon made of latex shall carry warning.
- Small ball shall carry a warning. (Not apply to soft-filled balls).





Summary Requirements

GSO EN71-1 Physical and Mechanical Properties



- Toys attached to food shall not as small part or small ball. (Toys firmly attached to a food product in such a way that the food product needs to be consumed in order to get direct access to the toy, are prohibited.)
- Play figures shall not protrude past the template B.
- Suction cups shall not pass template E.
- Packaging. Packaging that are small balls, shall apply small ball requirements. Small ball or cylindrical shape with a rounded end, shall not pass template E. Hemispheric-shaped containers intended for children under 36 months, shall apply hemispheric shape toys requirements.





For children under 36 months, shall not exhibit sharp edges. Functional sharp edges, may be used in toys intended for children 36 months and over, drawn to the attention of the user is need.

Laceration

Choking







Summary Requirements

GSO EN71-1 Physical and Mechanical Properties

• For children under 36 months, shall not exhibit sharp points. Functional sharp points, may be used in toys intended for children 36 months and over, drawn to the attention of the user is need. Metallic wires designed or likely to be bent, shall not break and produce sharp point. Splinter shall not present unreasonable risk.





Puncture / Penetration

• Protruding parts. Tubes and rigid components in the form of projections shall be protected. The ends of spokes on toy umbrellas shall be protected.







Summary Requirements

GSO EN71-1 Physical and Mechanical Properties

Parts moving against each other

1. Folding and sliding mechanisms

- Toy pushchairs and perambulators incorporation a handle or other structural member which can fold down over a child, shall have at least one main locking device and at least one secondary locking device.
- Toy pushchairs and perambulators that do not otherwise constitute a hazard of a handle or other structural member folding down over a child, shall have at least a locking device or a safety stop.



• Folding devices on other collapsible toys which may have a scissor-like action, shall have a safety stop or locking device and safety clearance.

Crushing / Pinching



• Toys other than above, shall have safety clearance.

2. Driving mechanisms

- Shall be enclosed.
- The shape and dimensions of winder keys or starting handles shall have safety clearance and holes.









Hazard	Summary Requirements				
	GSO EN71-1 Physical and Mechanical Properties				
Crushing / Pinching	 3. Hinges. Parts joined by means of one or more hinges and with a space, shall have safety clearance (only apply for any part jointed by one or more hinges with mass 250g or more). 4. Spiral springs, extension helical springs and compression helical springs shall not be accessible, if they present an unsafe clearance. 				
Suffocation / Asphyxiation	 Flexible plastic sheeting shall have thickness of 0.038mmm or more; or perforated with defined holes. Plastic sheeting for children under 36 months, shall have thickness of 0.038 mm or more. Toy bags with opening greater than 380 mm having a drawstring, shall made of permeable material, or comply with masks and helmets requirements. Child can enter toys having a door, lid or similar device: 1) continuous volume greater than 0.03m3 and all internal dimensions are 150 mm or more, shall provide ventilation holes; 2) shall be open by a force of 50N or less. Toy chest with vertically opening hinged lids shall be provided with lid-support mechanisms, and the mechanisms shall conform the requirement before and after being 7000 opening and closing cycles. Shall not require adjustment by the consumer. 				
	Masks and helmets that fully enclose the head and which are made of impermeable				

material shall provide ventilation area of 1300 mm2 or more. And imitations of

protective masks and helmets shall carry a warning.



Suffocation /

Asphyxiation

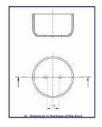
Summary Requirements

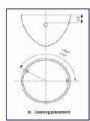
GSO EN71-1 Physical and Mechanical Properties

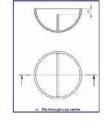
• Aquatic toys and inflatable toys shall have inlets with stoppers permanently attached to the toy. If detach, shall not as small part. Stopper shall not protrude more than 5mm. Warning is need. (Inflatable aquatic ride-on toys larger than 1.2m, shall fulfil with Class A2 devices in EN 15649-3).

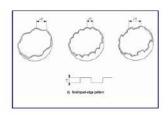


- Hemispheric-shaped toys with inner dimension of 64mm \sim 102mm, volume less than 177ml, and depth greater than 13mm. Shall:
- a. Have at least two openings, minimum dimension of 2mm, which are at least 13mm from the rim; or
- b. Interrupted at the centre by some type of divider that extends 6mm or less from the plane of opening; or
- c. Have three openings, located between 6mm and 13mm from the rim and at least 100° apart; or
- d. Have a repeated scalloped-edge pattern around the entire rim.









• Packaging. Plastic sheeting and bags made of flexible plastic, shall have thickness of 0.038mm or more. Bags made of flexible plastic with opening greater than 380mm, shall not have a drawstring or cord.





Hazard	Summary Requirements
	GSO EN71-1 Physical and Mechanical Properties
Electrocution	• Cords of toy kites or other flying toys with a length of more than 2m, shall have electric resistance exceed 100M Ω /cm. And shall carry a warning.
Thermal	 Percussion caps shall not produce debris. Safety use indication and warning is need. Toys containing a non-electrical heat source shall not ignite when used at the maximum input. And the temperature shall not exceed the requirement. (Do not apply to burners and similar items in chemistry sets and experimental kits and similar items).



Hazard	Summary Requirements							
	GSO EN71-1 Physical and Mechanical Properties							
			time of sound emission from a toy to emit sound are divided into 3					
	Exposure Category 1	Exposure Category 2	Exposure Category 3					
	Toys emitting sound during time periods typically longer than 30s after each initiation	Toys emitting sound during time periods typically shorter than 30s but longer than 5s after each initiation	Toys emitting sound during time periods typically shorter than 5s after each initiation					
	Close-to-the-ear toys emitting sound during time periods typically longer than 30s after each initiation	Close-to-the-ear toys that, while emitting sound, are held close to the ear during time periods typically shorter than 30s but longer than 5s	Close-to-the-ear toys that, while emitting sound, are held close to the ear during time periods typically shorter than 5s					
	Toys using headphones or earphones	1	1					
Hearing	1	Rattles and squeeze toys	1					
Damage	I	/	Toys for which maintaining the sound output requires significant physical effort					
	1	1	ألعاب إطلاق النار					
	I	Wind toys which are imitations of musical instruments	Wind toys such as whistles					
	Other toys emitting sound typically during more than 1/3 of the playing time	Other toys emitting sound typically during less than 1/3 and more than 1/10 of the playing time	Other toys emitting sound typically during less than 1/10 of the playing time					



Hazard	Summary Requirements
	GSO EN71-1 Physical and Mechanical Properties

• Sound pressure level limit:

Product Category	Exposure Category 1	Exposure Category 2	Exposure Category 3	LpCpeak
Close-to-the-ear toys	60 dBA	65 dBA	70 dBA	110 dBC
Hand-held toys / Table- top or floor toys	80 dBA	85 dBA	90 dBA	110 dBC
Toys using headphones or earphones	85 dBA	1	1	135 dBC*1
Rattles	/	85 dBA	1	110 dBC
Squeeze toys	1	85 dBA	1	110 dBC
Pull-along or push toys	80 dBA *2	85 dBA *2	90 dBA *2	110 dBC
Percussion toys	/	85 dBA	1	130 dBC*3
Wind toys	1	85 dBA	90 dBA	110 dBC
Cap-firing toys	/	/	90 dBA	125 dBC*4
Voice toys	80 dBA	85 dBA	90 dBA	110 dBC

Hearing Damage

- *1: Measured using an ear simulator device and converted to a free field equivalent.
- *2: This limit value refers to the A-weighted maximum emission sound pressure level using timeweighting F, LpAFmax.
- *3: If the C-weighted peak emission sounds pressure level, LpC peak, produced by a percussion toy exceeds 110 dB, the potential danger to hearing shall be drawn to the attention of the user by a warning.
- *4: Where the C-weighted peak emission sound pressure level, LpC peak, produced by a capfiring toy exceeds 110 dB, the potential danger to hearing shall be drawn to the attention of the user by a warning.









Hazard	Summary Requirements
	GSO EN71-1 Physical and Mechanical Properties
	 Heavy immobile toys with a mass of 4.5kg or more and not to bear the child, shall not tip over. Toys intended to bear the mass of a child:
	1. Toys propelled by a child or by other means • Warnings and instructions for use. a) Roller skates, inline skates and skateboards shall carry a warning. b) Mechanically-driven ride-on toys that do not have a free-wheeling mechanism or a braking device, and are either intended to bear the mass of two or more children, or have an unloaded mass of 30kg or more, shall carry a warning. c) Electrically-driven ride-on toys shall carry warnings. d) Shall be accompanied by instructions for use, assembly and maintenance, potential dangers, precautions information. e) Not suitable for children of 36 months and over shall carry a warning.
Stability and Overload	
	• Strength. Shall not produce sharp edges/points, driving mechanisms accessible

- and collapse.
- Stability. Shall not tip over.
- Braking. Mechanically- or electrically-driven ride-on toys with a free-wheeling mechanism shall have a braking device. Shall not move more than 5 cm when perform brake performance test, and shall be operated by a switch.
- Transmission and wheel arrangement. a) Shall have a shield. b) Shall not have slots or holes with a width greater than 5 mm. c) Shall have safety spaces. d) Tricycles provided with an attached handle used for pushing the child, shall be prevent entrapment.
- · Adjustable seat pillar and handlebar stem minimum insertion shall have a permanent mark that indicates the minimum insertion depth of the part into the frame of the toy.
- Electrically-driven ride-on toys. a) Intended for children under 6 years shall be equipped with a seat. b) Shall have a maximum design speed which does not exceed the limits.



Hazard	Summary Requirements
GSO EN71-1 Physical and Mechanical Properties	
Stability and Overload	2. Toy bicycles
	• Warnings and instructions for use. a) Shall carry a warning. Accompanied by
	assembly, maintenance instructions, instructions for use, precautions, potential
	danger information. b) Not suitable for children of 36 months and over shall carry
	a warning.
	Braking requirements. a) With a free-wheeling mechanism shall be equipped with
	two braking systems. b) Handbrakes, the brake lever dimension shall not exceed
	60 mm. c) Shall not move more than 5 cm when perform brake performance test.
	3. Rocking horses and similar toys
	Shall have a limit to its movement.
	Shall not tip over.
	Shall not collapse.
	Not suitable for children of 36 months and over shall carry a warning.
	Sitting surface is 600 mm or more, shall carry a warning.
	4. Toys not propelled by a child
	Shall not collapse.
	Shall not tip over.
	Accompanied by instructions for use, assembly and maintenance.





Hazard	Summary Requirements		
	GSO EN71-1 Physical and Mechanical Properties		
Stability and Overload	Not suitable for children of 36 months and over shall carry a warning. Toy scooters Warnings and instructions for use. Shall carry a warning and accompanied by assembly, maintenance, instructions for use, precautions, potential dangers information. Strength. a) Shall comply with strength requirements. b) Shall not collapse, separate, cracks and fail to locking devices. Adjustable and folding steering tubes. a) Shall be adjustable with the tool, or shall have at least two locking device. b) Steering tubes shall have a locking device. c) Shall have safety spaces. Braking. a) Use for children 20kg or less, not require braking. b) Others shall have at least one braking system. Force required to hold on the inclined plane shall be less than 50 N. Wheel size shall be 120mm or greater. Protruding parts shall have an end with a diameter of 40mm or more.		



Hazard Summary Requirements	
	GSO EN71-1 Physical and Mechanical Properties
	 Shape and size of certain toys, mass of 0.5kg or less, shall no part of the toy protrude past template A. For toys with nearly spherical, hemispherical or circular flared ends, mass of 0.5 kg or less, shall not part of the toy protrude past template B. (Not apply to soft-filled parts or fabric, and rigid element size 30mm or less) Projectile All rigid projectiles shall have a leading edge that cannot pass through the 4mm hole to 2 mm depth. Resilient materials used as impact surfaces shall not detached. Helicopter rotors and single propellers shall have a ring around the perimeter.
Impaction	Projectiles with a suction cup as impact area shall have a length of 57 mm or more and the suction cup shall not detach at 60N
	2. For projectile toys without stored energy. Darts shall be protected by a resilient material having an impact area of 2 cm^2 or more. Protective cap shall withstand tension test.
	3. Projectile toys with stored energy. a) Kinetic energy shall not exceed 0,08 J for rigid projectiles. Resilient projectiles with KE exceed 0.08J shall have KED < 0.25J/cm^2. b) Arrows kinetic energy exceeds 0,08 J shall be protected. The maximum kinetic energy shall not exceed 0,25 J/cm^2. c) Projectile toy capable of discharging a projectile with a kinetic energy greater than 0,08 J shall not discharge improvised projectile, d) Shall fulfill warning requirement.





Hazard	Summary Requirements	
	GSO EN71-1 Physical and Mechanical Properties	
	4. Toy catapult and projectile propelled by an elastic band shall fulfill the energy	
	limit, protective cap requirement, and improvised projectile requirement.	
Impaction		
	• Magnets other than magnetic/electrical experimental sets intended for children over 8 years, shall either have a magnetic flux index less than 50 kG2 mm2 or shall not as a small part. Magnetic/electrical experimental sets intended for children over 8 years, shall carry a warning (not applicable for magnetic less than 50 kG2 mm2 or shall not as a small part).	
Internal Injury		





Hazard	Summary Requirements		
	GSO EN71-1 Physical and Mechanical Properties		
	• Yo-yo balls, the initial length I0 of tether shall not be greater than 370 mm. The ratio of the mass m to the elastic constant k shall be less than 2,2.		
	15 15 15 15 15 15 15 15 15 15 15 15 15 1		
	Cords, chains and electrical cables in toys:		
	o Cords in self-retraction mechanism or in pull-along toys: thickness shall be 1.5mm or more.		
	o Cords can form a tangled loop or a noose shall either: length not exceeding 220 mm (for toys intended for children under 18 months) or length not exceeding 300 mm (for other toys). Or, separate into parts not exceeding 220 mm (for toys intended for children under 18 months) or not exceeding 300 mm (for other toys). Toys intended for children of 18 ~ 36 months with cord length		
Strangulation	exceeding 220 mm that can form loop or noose, shall be accompanied by a warning.		

- o Fixed loops or noose shall either: a) have a perimeter not exceeding 380 mm, or the distance "d" not exceeding 96 mm; or b) separate into parts not exceeding 220 mm (for toys intended for children under 18 months) or not exceeding 300 mm (for other toys). Toys intended for children of 18 ~ 36 months, fixed loop separates with cord exceeding 220 mm, shall be accompanied by a warning.
- o Nooses shall not exceed 380 mm; or distance d shall not exceed 96 mm.
- o Self-retraction cords shall not retract more than 6mm under 1kg.
- o Toys with cords intended to be strung across a cradle; cot or perambulator shall carry a warning.



Harand	Cummon, Doguiromento	
Hazard	Summary Requirements	
Strangulation	o Free end cord for children under 18 months shall not exceeding 300mm. For children 18 ~ 36 months, free end cords exceeding 300mm, shall carry a warning. o Free end cord on pull-along toys for children under 36 months, shall have free length not exceeding 800 mm. o Toys with electrical cables longer than 300 mm, shall carry a warning. o Toy costume shall fulfill EN 14682. • Straps intended to be worn fully or partially around the neck and which create a fixed loop shall have a breakaway feature.	
Hygiene	Toy disguise costume shall conform to EN 14682 cord requirement. Toys with non-accessible liquid shall be no leakage nor any splitting or cracking which could lead to leakage of the contents. Liquid-filled teethers shall carry a warning.	
Masks and helmets made of rigid material that cover the face shall sharp edges/points. Or loose parts that could enter the eye before and test. Other Hazards Toys comprising monofilament fibers with length greater than 50 mm a warning.		



B. GSO EN 71-2 Requirements

COO EN 7 1-2 requirements		
Hazard	Summary Requirements	
Падаги		
GSO EN71-2 Flammability		
	The following materials shall not be present in toys:	
o Cellulose nitrate or celluloid. Material and behavior in fire as cellu		
	o Materials with a piled surface which produce surface flash	
	o Shall not contain flammable gases, extremely flammable liquids, highly flammable	
	liquids, flammable liquids and flammable gels.	
Burning	TOTAL STATE OF THE	
	Toys to be worn on the head.	
	o Beards, moustaches, wigs, etc., made from hair, pile or material with similar	
	features, which protrude 50 mm or more from the surface of the toy. The duration	
	of flaming shall not be more than 2 s; if ignition occurs, the maximum burnt length	
shall not more than 50% for initial length was 150mm or more; or not more 75% for initial length was less than 150mm.		

o Beards, moustaches, wigs, etc., made from hair, pile or material with similar features, which protrude less than 50 mm from the surface of the toy. The duration of flaming shall not be more than 2 s, and the maximum distance shall not be more

o Full or partial molded head masks. The duration of flaming shall not be more than

2 s. The maximum distance shall not be more than 70 mm.

than 70 mm.



Hazard	Summary Requirements	
	GSO EN71-2 Flammability	
	o Flowing elements of toys to be worn on the head. The burn rate shall not exceed 10mm/s or shall self-extinguish.	
	o Toy disguise costumes and toys intended to be worn by a child in play. The burn rate shall not exceed 30 mm/s or shall self-extinguish. If the burn rate is 10 mm/s ~ 30 mm/s, permanently warning is need	
Burning		
	o Toys intended to be entered by a child. The burn rate shall not exceed 30 mm/s or shall self-extinguish. If the burn rate greater than 20 mm/s, shall be no flaming debris or molten drips. If the burn rate 10 mm/s \sim 30 mm/s, permanently warning is need.	
	o Soft-filled toys. The burn rate shall not be more than 30 mm/s or shall self-extinguish.	





C. GSO IEC 62115 Requirements

C. COO IEC 02110 Nequirements			
Horond	Common Dominos de		
Hazard	Summary Requirements		
	GSO IEC 62115 Electrical Safety		
	• Battery toys that are used with replaceable batteries, the design of the battery		
	compartment should be capable of preventing the result of hazards due to the wrong insertion of battery (not applicable for non-replaceable battery type).		
	WITH A STATE OF THE STATE OF TH		
	• The power input of transformer toys and dual supply toys shall not exceed the		
	rated power input by more than 20% where a power input is marked.		
	Toys shall not attain excessive temperatures in use.		
Electrical	o The toy shall not malfunction in such a way as to cause an unintended operation that may impair safety or present a dangerous malfunction(e.g. ride-on electric toys which could unexpectedly move, change direction or gain speed, sewing machine which could unexpectedly start) due to influence from electromagnetic phenomena (EMP) when the toy is operated in the following modes: a. electronic off mode; b. stand-by mode;		
	c. operating mode.		





Hazard	Summary Requirements		
	GSO IEC 62115 Electrical Safety		
	• Toys shall be constructed so that the risk of fire, mechanical damage impairing safety or other hazards (e.g. sealing compound flow out, emit flames or molten metal, produce poisonous or ignitable gas or other dangerous substances, batteries leak hazardous substances or erupt, materials including the cotton gauze is char), as a result of careless use(e.g. steel pin/rob short-circuit, temperature controls inoperable, accessible moving parts are locked, additional transformer, power		
	supply or battery box is connected in series or in parallel) or failure of a component.		

Electrical

- The electrical strength at operating temperature and room temperature shall be adequate.
- The electric insulation of the electric toy at operating temperature and under humid conditions shall be adequate. Electric strength voltage 250V having a frequency of 50 Hz or 60 Hz for 1 min
- Electric toys intended to be used in water, electric toys used with liquid and filled from a tap and electric toys likely to be cleaned with liquid shall have an enclosure providing the appropriate protection.
- The enclosures shall have adequate mechanical strength. After three blows are applied to every point of the enclosure that is likely to be weak with impact energy of 0.5 J, no damaged extent that compliance with this standard is impaired.
- The nominal supply voltage shall not exceed 24V; the working voltage between any two accessible parts of the toy shall not exceed 24 V.





	Hazard	Summary Requirements	
		GSO IEC 62115 Electrical Safety	
		• The battery charger and the transformer of transformer toys shall not be an integral part of the toy.	
		• The controls for the toy shall not be incorporated in the transformer or power supply.	
		• Transformer toys and dual supply toys shall not be intended for use by children under 3 years old and shall not be intended for use in water.	
		• Non-self-resetting thermal cut-outs shall only be resettable with the aid of a tool.	
		• Batteries shall not be accessible without the aid of a tool unless the cover of their compartment can only be opened after at least two independent movements have been applied simultaneously.	
		• Small part batteries and button cell shall not be removable without the aid of a tool. The part shall not become detached after push force, pull force, twist force applied on the part. The locking screws shall always attach to the cover.	
		• Rechargeable batteries shall not leak when the toy is placed in any position. The electrolyte shall not become accessible even if a tool has to be used to remove covers or similar parts. Batteries shall comply with IEC 62133.	
	Electrical	• Batteries shall not be connected in parallel unless a mixture of used and new batteries, or the reverse insertion of batteries, does not impair compliance with this standard.	
		• Plugs and socket-outlets of toys shall not be interchangeable with plugs and socket-outlets listed in IEC 60083. Connectors (jack types, USB types, RCA plugs etc.) with) with a diameter or diagonal measurement between 3,75 mm and 5,25 mm and length greater than 7 mm are considered to fail this requirement. Shall not use wires without connectors.	



Hazard	Summary Requirements	
	GSO IEC 62115 Electrical Safety	
	• Toys intended for children under 3 years old shall not use cords and wires without connectors.	
	• Non-detachable parts that prevent contact with moving parts or hot surfaces (applying 50 N if the longest accessible dimension of the part does not exceed 6 mm, 90 N for other parts)	
	• Toys shall be possible to charge secondary batteries inside the electric toy only if the following conditions are met	
	- connection to, or replacement with primary batteries shall not be possible;	
	 charging of other batteries or electric toys from the electric toy shall not be possible; 	
	- connection of an incorrect polarity shall not be possible by constructions;	
	- the battery charger shall comply with IEC 60335-2-29 and Annex AA;	
Electrical	 operation of the electric toy while charging shall not be possible unless the electric toy meets the requirements for electric toys using a transformer or a power supply and the transformer or power supply complies with IEC 61558-2-7 (linear type) and IEC 61558-2-16 (Switch mode type); 	
	- electric toys for children under 3 years cannot operate while being charged.	
	- Mobile electric toys shall not move during charging.	
	Toys shall not incorporate series motors having a power input exceeding 20 W.	
	Toys shall not contain asbestos.	
	• Internal parts of a toy having a voltage exceeding 24 V shall not lead to any risk of harmful electric shock.	
	o the working voltage between any two parts of the toy shall not exceed 5 KV;	
	o the maximum current from a circuit with a generated voltage exceeding 24 V shall be less than 0,5 mA;	
	o the maximum energy from a circuit with a generated voltage exceeding 24 V shall be less than 2 mJ;	



Hazard	Summary Requirements		
GSO IEC 62115 Electrical Safety			
	o the discharge shall not exceed 45 μ C. • Battery toys for children where the intended fixed position of the battery compartment can be above a child shall have a battery compartment that prevents battery electrolyte leakage from the toy. • Quantity of water per battery		
	Battery Type	Quantity of Water (ml)	
	LR03/R03 (AAA)	0,25	
	LR6/R6 (AA)	0,5	
	LR14/R14 (C)	1,0	
	LR20/R20 (D)	2,0	
	6LR61/6R61 (9V)	0,75	
	Button cells	0,1	
Electrical	• Electric toys that can connect to class I equipment shall be safe when connected to that equipment in case of a fault in the equipment that the electric toy is connected to. NOTE Equipment that could be class I: computers, consoles, monitor screens, other audio-video equipment or fixed USB power supplies. Electric toys that can connect to class I equipment shall comply with one of the following conditions: a) the electric toy shall include an instruction to advise that the electric toy shall only be connected to equipment of Class II or class III;		
	This toy is only to be connected to equipment bearing either of the following symbols: or or		
	b) the conductive parts of computer toys electrically connected to a computer, console, monitor screen or other audio-video equipment shall not be accessible		



Hazard	Summary Requirements
	GSO IEC 62115 Electrical Safety
	in the toy and the insulation between such parts and accessible parts shall have a thickness of at least 1 mm and an adequate electric strength (1500 V having a frequency of 50 Hz or 60 Hz for 1 min).
	• Wire ways shall be smooth and free from sharp edges. Cords and wires shall be protected so that they do not come into contact with moving parts, burrs, cooling fins or similar edges that may cause damage to their insulation. Bare wiring and heating elements shall be rigid and fixed.
	• The components used in the toy shall comply with the safety requirements specified in the relevant IEC standards as far as they reasonably apply.
	• Switches and automatic controls carrying a current exceeding 3 A during the tests of normal operation test and Normal operation with insulation short-circuited shall comply specific endurance test or IEC 61058-1 or IEC 60730-1.
	• The Toys shall not be fitted with thermal cut-outs that can be reset by a soldering operation and mercury switches.
Electrical	• Linear type transformers for toys shall comply with IEC 61558-2-7, switch mode type transformers shall comply with IEC 61558-2-7 and IEC 61558-2-16.
	• Battery chargers supplied with the toy shall comply with IEC 60335-2-29,if the battery chargers for use by children, they shall comply with annex AA also.
	• Screws used for fixings shall not be made of metal that is soft or liable to creep, such as zinc or aluminum. Screws used for fixings made of insulating material shall have a nominal diameter of at least 3 mm and shall not be used for any electrical connection.
	Screws used for electrical connections shall screw into metal.
	• Clearances and creepage distances of functional insulation shall not be less than 0,5 mm (the distance may be reduced to 0,2 mm provided that the microenvironment is unlikely to exceed pollution degree 2), but for computer toys, both creepage and clearance distances between accessible parts and conductive parts shall be at least 1,5 mm.



Hazard	Summary Requirements
	GSO IEC 62115 Electrical Safety
	• Internal parts of toys have a voltage exceeding 24 V shall have clearance and creepage distances for functional insulation equal to or greater than the values in Table 18 of IEC 60335-1 for pollution degree 2 except when the toy meets Clause 9 with this distance short circuited.
	• External parts of non-metallic material enclosing electric parts and parts of insulating material supporting electric parts shall be sufficiently resistant to heat and fire, test as below if applicable:
	o Glow wire test (refer EN60695-2-11)
	o Ball pressure test (refer IEC 60695-10-2)
	o Needle flame test ((refer IEC 60695-11-5)
Electrical	• Lasers used in the toy shall meet the requirements for Class 1 lasers in accordance with IEC 60825-1.
	• LED shall meet the AEL accessible emission limits requirement when tested to to annex E
	0,01 Wm-2 (Limit/10 for <3 years toys) when assessed at 10 mm from the LED front for accessible emissions with wavelengths of < 315 nm (UVB, UVC);
	• 0,01 Wsr-1 or 0,25 Wm-2 when assessed at 200 mm, for accessible emissions with wavelengths of 315 nm \leq 400 <1 nm (UVA);
	• 0,04 Wsr-1 or the AEL specified in Tables E.2 or E.3 assessed at 200 mm for accessible emissions with wavelengths of 400 nm ≤ 780 <1 nm (Visible light);
	• 0,64 Wsr-1 or 16 Wm-2 when assessed at 200 mm for accessible emissions with wavelengths of 780 mm \leq 1 000 $<$ 1 nm (IR);



Hazard Summary Requirements GSO IEC 62115 Electrical Safety

o 0,32 Wsr-1 or 8 Wm-2 when assessed at 200 mm for accessible emissions with wavelengths of 1 000 nm \leq \geq < 3 000 nm (FIR).



- Toys with an integrated field source generating Electromagnetic Fields (EMF) shall comply with EN 62233:2008.
 - o Exception: Toys without a motor, inductor or which only include passive electronic components or the toys consuming a current of 3 A or less.

Electrical

Type of Appliance	Measuring Distance	Sensor Locations	Operating Conditions	Coupling Factor		
Toys or parts of toys, intended to be used close to the body	0	All surfaces	Continuously	0,18		
Toys or parts of toys hand-held	15	All surfaces	Continuously	0,18		
Toys or parts of toys, other	30	All surfaces	Continuously	0,18		

Remote controls for electric ride-on toys

In the event that wireless communication between the transmitter and the receiver is cut-off, the electric ride-on toy shall stop automatically.

In any event of a system failure or malfunction that prevents the adult's ability to control the electric ride-on toy, the electric ride-on toy will stop by default.





Hazard	Summary Requirements
	GSO IEC 62115 Electrical Safety
Electrical	The transmitter of one electric ride-on toy shall not influence the control of another electric ride-on toy. The amount of transmitter variants of the remote-control systems of the same type shall be at least 4,096 and the utilization of these variants will be cyclic during production. in case that a malfunction in one remote control is causing interference to another electric ride-on toy, then the other one could stop due to communication cut-off The adult shall be able to control the electric ride-on toy by means of operating control buttons in the transmitter. As a minimum requirement, the control function shall provide the ability to stop the electric ride-on toy If the product has the option of switching the system from controlled mode to uncontrolled mode, then such switching shall only be intended to be adjusted by an adult by means of a tool. In uncontrolled mode, the remote control shall not have any effect on the electric ride-on toy. The braking performance shall comply with 4.21(b) and 5.16.2 of ISO 8124-1:2014



D. GSO EN 71-3, 4, 5 & 7

Hazard	Summary Requirements
	GSO EN 71-3 Migration Test
Chemical	Different material in Toy should fulfill the mandatory requirement listed in below: • Exemption of EN71-3 • Toys material weight <10mg • Metal, glass or ceramic material which cannot not fits entirely within the small parts cylinder Category I: Dry, brittle, powder-like or pliable toy materials • Solid toy materials from which powder-like material is released during playing • Example: • Compressed paint tablets • Chalk • Crayons • Plaster of Paris • Magic sand • Modelling compounds • Plasticine • Bouncing putty Category II: Liquid and sticky toy materials • Fluid or viscous toy material which can be ingested and/ or to which dermal exposure occurs during playing





Hazard

Summary Requirements

GSO EN 71-3 Migration Test

- Example:
 - o Bubble solution
 - o Poster paints
 - o Finger paints
 - o Liquid adhesives
 - o Glue sticks
 - o Slimes







Chemical

- Category III: Scraped-off toy materials

 Solid toy material with or without a coating which can be ingested as a result of
- biting, tooth scraping, sucking or licking
- Example:
 - o Surface coating
 - o Plastic
 - o Wood
 - o Textiles
 - o Glass
 - o Ceramic
 - o Metal
 - o Materials which are not defined as Category I or II material











Hazard Summary Requirements

GSO EN 71-3 Migration Test

	Category I mg/kg	Category II mg/kg	Category III mg/kg				
Aluminium	5625	1406	70000				
Antimony	45	11.3	560				
Arsenic	3.8	0.9	47				
Barium	1500	375	18750				
Boron	1200	300	15000				
Cadmium	1.3	0.3	17				
Chromium (III)	37.5	9.4	460				
Chromium (VI)	0.02	0.005	0.2				
Cobalt	10.5	2.6	130				
Copper	622.5	156	7700				
Lead	13.5	3.4	160				
Manganese	1200	300	15000				
Mercury	7.5	1.9	94				
Nickel	75	18.8	930				
Organic tin	0.9	0.2	12				
Selenium	37.5	9.4	460				
Strontium	4500	1125	56000				
Tin	15000	3750	180000				
Zinc	3750	938	46000				

Chemical



E. GSO EN 71-9 Organic Chemical Compounds

Hazard	Summary Requirements
	GSO EN 71-9 Organic Chemical Compounds
Scope	Specifies requirements for the migration or content of certain hazardous organic chemical compounds from/in certain toys and toy materials by the following exposure routes: a. Mouthing b. Ingestion c. Skin contact d. Eye contact e. Inhalation When used as intended or in a foreseeable way, bearing in mind the normal behavior of children and the function and design of the toy Packaging materials used with toys are not within the scope unless they form part of the toy or have intended play value.



Hazard				Sı	ımmary	Requ	uirem	ents			
		G	SO EN 71-9	Orgai	nic Cher	nical	Com	poun	ds		
										٦	

Product Category and Related Requirement	No.	Toys or Accessible Toy Components	Materials	Flame Retardants	Colorfastness (First action test)	Colorants	Primary Aromatic Amines	Monomers (Migration)	Solvents (Migration)	Solvents (Inhalation)	Wood preservatives: Outdoor	Wood preservatives: Indoor	Other Preservatives (Other than wood preservatives)	Plasticizers (Migration)	Formaldehyde	Hd	TRA
	1	Toys intended to be mouthed by children under 3 years of age	Polymeric*					х	x					X			
			Polymeric*					Х	Χ					Χ			
		Toys, or accessible toy	Wood			Χ	Χ				Χ	Χ			Χ		
	2	components, with a mass of 150g or less intended to be played with in the hands by children under 3 years of age	Paper			х	Х								Х		



Hazard						Sı	ımmary	Requ	uirem	ents							
	GSO EN 71-9 Organic Chemical Compounds																
Product Category and Related Requirement	No.	Toys or Accessible Toy Components	Materials	Flame Retardants	Colorfastness (First action test)	Colorants	Primary Aromatic Amines	Monomers (Migration)	Solvents (Migration)	Solvents (Inhalation)	Wood preservatives: Outdoor	Wood preservatives: Indoor	Other Preservatives (Other than wood preservatives)	Plasticizers (Migration)	Formaldehyde	Hd	TRA
			Textile	Х	Х										Χ		
		Toys and accessible	Leather			Χ	X						X				
	3	components of toys intended for children	Wood												Χ		
		under 3 years of age	Paper												Х		
·			Polymeric*					Х	Х					Х			
	4	Mouthpiece components of	Wood			Х	Х				Х	Χ					
		mouth-actuated toys	Paper			Х	Х										
	5	Inflatable toys with a surface greater than 0.5 m² when fully inflated	Polymeric*							Х							



Hazard						Sı	ummary	/ Requ	uirem	ents							
			GS	O EI	N 71-9 C	Orgai	nic Che	mical	Com	pound	S						
Product Category and Related Requirement	No.	Toys or Accessible Toy Components	Materials	Flame Retardants	Colorfastness (First action test)	Colorants	Primary Aromatic Amines	Monomers (Migration)	Solvents (Migration)	Solvents (Inhalation)	Wood preservatives: Outdoor	Wood preservatives: Indoor	Other Preservatives (Other than wood preservatives)	Plasticizers (Migration)	Formaldehyde	Hd	TRA
		Tayla ware aver the	Polymeric*					Х		Х							
	6	Toys worn over the mouth or nose	Textile		Χ					Х							ļ
			Paper			Х	Х										
	7	Toys which the child can enter	Polymeric*							X							
	/		Textile							Х							
	8	Components of graphic instruments sold as toys or used in toys	Polymeric*					X	х					X			
	9	Toys and accessible components of toys for indoor use	Wood								Х	X					



Hazard	Summary Requirements GSO EN 71-9 Organic Chemical Compounds																
		930	J EN 7 1-9 OI	yanıı	Cileiii	icai c	JOHN	Journe	.								
	No.	Toys or Accessible Toy Components	Materials	Flame Retardants	Colorfastness (First action test)	Colorants	Primary Aromatic Amines	Monomers (Migration)	Solvents (Migration)	Solvents (Inhalation)	Wood preservatives: Outdoor	Wood preservatives: Indoor	Other Preservatives (Other than wood preservatives)	Plasticizers (Migration)	Formaldehyde	Hd	TRA
Product Category	10	Toys and accessible components of toys for outdoor use	Wood								X						
and Related Requirement	11	Toys and components of toys which mimic food	Polymeric*					Х	Х					Х			
	12	Solid toy materials intended to leave a trace	All			Х	Х										
	13	Coloured accessible liquids in toys	Liquid			X	X						Х			Х	Х
	14	Non-coloured accessible liquids in toys	Liquid										Х			Х	Х
	15	Inaccessible liquids	Liquid														Х



Hazard	Summary Requirements																
	GSO EN 71-9 Organic Chemical Compounds																
	No.	Toys or Accessible Toy Components	Materials	Flame Retardants	Colorfastness (First action test)	Colorants	Primary Aromatic Amines	Monomers (Migration)	Solvents (Migration)	Solvents (Inhalation)	Wood preservatives: Outdoor	Wood preservatives: Indoor	Other Preservatives (Other than wood preservatives)	Plasticizers (Migration)	Formaldehyde	Hd	TRA
Product Category and Related Requirement	16	Modelling clay, play clay and similar, except those chemical toys addressed addressed by EN71-5	All			Х	Х						Х				
	17	Balloon-making compounds	All			X	Х			X							
	18	Imitation tattoos with adhesive	All			X	Х		Х				Х				
	19	Imitation jewellery	Polymeric*					Х	Х					Х			



Hazard	Summary Requirements						
		GSO EN 71-9	Organic Chemical Compounds				
	No.	Toys or Accessible Toy Components	Interpretation	Photo (Example)			
Product Category Interpretation	1	Toys intended to be mouthed by children under 3 years of age	• Applies only to a toy that has been designed to be mouthed e.g. teether				
	2	Toys, or accessible toy components, with a mass of 150g or less intended to be played with in the hands by children under 3 years of age					
	3	Toys and accessible components of toys intended for children under 3 years of age	All < 3 years of age items with textile or leather parts e.g. plush toy	3			
	4	M o u t h p i e c e components of mouth-actuated toys	Mouthpiece of toy whistles, toy musical instrument or toy imitation novelty teeth, not including inflatable toys unless mouth-actuated after inflation	Applicable to mouthpiece only Inflatable toys (out of scope)			



Hazard	Summary Requirements					
		GSO EN 71-9 Org	ganic Chemical Compounds			
	No.	Toys or Accessible Toy Components	Interpretation	Photo (Example)		
Product Category Interpretation	6		 Masks which cover the front of the face including either the mouth or nose (or both) For example: A plastic mask with a textile strap which attaches around 	Mask cover mouth and nose		
		Toys worn over the mouth and nose	the back of the child's head falls under the requirements for "toys worn over the mouth or nose". However, only the plastic part should be assessed under these requirements, as the textile strap itself does not cover the mouth or nose. • Not include component that covering eyes (eg: eye mask)	Mask do not cover mouth and nose (out of scope)		
	7	Toys which the child can enter	• Any toy, having a door, lid or similar device, which encloses a continuous volume greater than 0.03m3 and in which all internal dimensions are 150mm or more. e.g. tent			
	8	Components of graphic instruments sold as toys or used in toys	• Includes the (polymeric) eraser at the end of a pencil, marker, sign pen, blush, magnetic pen in drawing set/toy set			





Hazard	Summary Requirements						
		GSO EN 71-9 Org	ganic Chemical Compounds				
	No.	Toys or Accessible Toy Components	Interpretation	Photo (Example)			
Product Category Interpretation	9	Toys and accessible components of toys for indoor use	Wooden toys, wood of pencil, cork, etc	0.0			
	10	Toys and accessible components of toys for outdoor use	Wooden baseball bat, handle of badminton bat, garden house, etc.				
	11	Toys and components of toys which mimic food	 This category is intended to include those toys that a child might pretend to eat and therefore chew or suck EXCLUDING mimic can food, milk 				
	12	Solid toy materials intended to leave a trace	 Includes solid paints, crayons, colored pencils sold as toys or as part of toys, chalk etc. Graphite pencils are not included in this category, but we still have to consider the wood of pencil 				
	Modeling clay, placed clay and similar clay and similar clay accept those chemical toys addressed by EN71-5	clay and dough made from colored natural materials.					



Hazard	Summary Requirements						
		GSO EN 71-9 Organ	ic Chemical Compounds				
	No.	Toys or Accessible Toy Components	Interpretation	Photo (Example)			
Product Category Interpretation	14	Colored accessible liquids in toys		liquid paint			
	15	Non-colored accessible liquids in toys	• Liquid is a substance that when at room temperature has a tendency to flow. It has no fixed shape but a fixed volume and its shape is determined by	Bubble solution			
	16	Inaccessible liquids	the container it fills (e.g. ink, paint, glue, slime).	Toys with inaccessible liquid			
	17 Imitation tattoos with adhesive		All tattoos with adhesive				



Hazard			Summary Requirements						
riazara	GSO EN 71-9 Organic Chemical Compounds								
	No.	Toys or Accessible Toy Components	Interpretation	Photo (Example)					
	18	Balloon-making compounds	EXCLUDING balloon itself	Balloon-making compounds Balloon (out of scope)					
Product Category Interpretation	19	Imitation jewelry	 Any item of jewelry, intended for wearing, which forms part of a toy whether intended for pretend play (i.e. necklaces, bracelets etc) or functional (i.e. watches, hair ornaments etc.) Jewelry kits where all the parts required to make jewelry are supplied (i.e. beads and threading cord) should be included whereas beads supplied without cord are excluded. Threading toys aimed at developing fine motor skills are excluded, as they are not intended to be worn. Hair accessories, crown and tiara are not classified as imitation jewelry 						



F. GSO EN 71-12 N-Nitrosamines and N-Nitrosatable Substances

Howard	Cummon, Denvironante
Hazard	GSO EN 71-12 N-Nitrosamines and N-Nitrosatable substances
	GSO LIV / 1-12 IN-INITIOSALIIIII es and IN-INITIOSALABLE Substances
Scope	 Toys and parts of toys made from elastomers and intended for use by children under 36months Toys and parts of toys made from elastomers and intended to be placed in the mouth finger paints for children under 36 months.
Definition of Elastomers	Flexible cross-linked macro-molecular material which returns rapidly to approximately its initial dimensions and shape after substantial deformation by stress and release of the stress at room temperature Below is the list of materials which considered as elastomer, but not limited to: O Natural rubber O Polybutadiene (BR for Butadiene Rubber) O Chloroprene rubber (CR), polychloroprene, Neoprene, Baypren etc. O Butyl rubber (copolymer of isobutylene and isoprene, IIR) O Styrene-butadiene Rubber (copolymer of styrene and butadiene, SBR) O Styrene-butadiene-styrene, SBS O Styrene Ethylene Butylene Styrene, SEBS O Nitrile rubber (copolymer of butadiene and acrylonitrile, NBR), also called Buna N rubbers O EPM (ethylene propylene rubber, a copolymer of ethylene and propylene) and EPDM rubber (ethylene propylene diene rubber, a terpolymer of ethylene, propylene and a diene-component) O Epichlorohydrin rubber (ECO) O Polyacrylic rubber (ACM, ABR) O Silicone rubber O Fluorosilicone Rubber (FVMQ) O Fluoroelastomers (FKM, and FEPM)



Hazard			Summary Require	ments			
	GSO	EN 71-12 N-Nitrosan	nines and N-Nitrosatab	le substances			
Definition of Elastomers		o Polyether block amides (PEBA) o Polysulfide rubber o Thermoplastic plasterers (TPE) o Thermoplastic polyurethanes (TPU) o Chorosulfonated polyethylene (CSM) o Thermoplastic rubber (TPR)					
		Product Type	Photo (Example)	N-nitrosamines (mg/kg)	N-nitrosatable Substances (mg/ kg)		
	а	Toys intended for use by children under 36 months and intended or likely to be placed into the mouth	Teether	0.01	0.1		
	b	Toys intended for use by children under 36 months not covered by a.	Rubber toys for children under 36 months	0.05	1		
Requirements		Product Type	Photo (Example)	N-nitrosamines (mg/kg)	N-nitrosatable Substances (mg/ kg)		
	С	Toys intended for use by children of 36 months and over and intended or likely to be placed into the mouth	Musical instrument intended to place into the mouth	0.05	1		
	d	balloons		0.05	1		



G. Other Common Requirements for Toys

Hazard	Summary Requirements							
	EU REACH Directive Annex XVII Chemical Requirement							
Scope	 This Annex includes all the restrictions adopted in the framework of REACH and the previous legislation, Directive 76/769/EEC. Each entry shows a substance or a group of substances or a substance in a mixture, and the consequent restriction conditions. 							
	Below entries are applicable to Toys							
	Entry No.	Restricted Substance	Applicable Materials/ High Risk Materials	Photo (Example)	Requirement			
	5	Benzene content	Liquid in toys e.g. felt pen		5 mg/kg (0.0005 %)			
	23	Cadmium content	Surface coating, paint, plastic, metal parts of jewelry & hair accessories		Surface coating: 0.1%(w/w) Paint, plastic or metal parts of jewelry & hair accessories: 0.01%(w/w)			
	27	Release of Nickel	Prolong skin contact metal component (e.g. magnetic toy, metal hair accessories)		Prolong skin contact part: 0.5µg/cm2 / week			



Hazard

Summary Requirements

EU REACH Directive Annex XVII Chemical Requirement

Entry No.	Restricted Substance	Applicable Materials/ High Risk Materials	Photo (Example)	Requirement
43	Azo dye	Prolong skin contact fabric, leather component (e.g. plush toy)		30 mg/kg (0.003 %)
48	Toluene content	Liquid adhesive/ glue, spray paint	Liquid glue	0.1%(w/w)
50	Polycyclic Aromatic Hydrocarbons (PAHs) content	Prolong or short- term repetitive contact with skin or the oral cavity rubber, black plastic, coating		Toys: 0,5 mg/kg (0,00005 %
51 & 52	Phthalates content	Soft plastic, PVC and other high risk material		Sum of DEHP, DBP, BBP: 0.1%(w/w) Sum of DINP, DIDP, DnOP: 0.1%(w/w)



EU Microbiological test Limits indicating microbiological safety for aqueous liquid, Modelling clays based on aqueous formulations, finger paints and semi-liquids based on aqueous formulations: Total aerobic microbial count (TAMC)1 Yeast and mould2 ≤ 100 cfu/g or ml Staphylococcus aureus Absent in 1 ml or g Pseudomonas aeruginosa Absent in 1 ml or g Candida albicans Absent in 1 ml or g Escherichia Coli Absent in 1 ml or g Salmonella spp. Absent in 1 ml or g Enterobacteriaceae ≤ 100 cfu/g or ml NOTE: 1 Great care is required in using this measure because it is not a good indicator of the risk posed. A TAMC value over 1000 cfu/g or ml shall not necessarily be regarded as a non-compliance and should be reviewed on a case by case basis taking into account the nature of the material and the way it is used in a toy. It is advised to retest values over 1000 cfu/g or ml after storage for 7 days at room temperature. If the second test is decreasing (at least 1 log) with reference to the first test result, the TAMC value can be considered as immaterial. Samples with TAMC over 100 000 cfu/g or ml should be regarded as non-compliant in general. 2 Guidelines should not be taken alone to prove that the product is unsafe or										
Limits indicating microbiological safety for aqueous liquid, Modelling clays based on aqueous formulations, finger paints and semi-liquids based on aqueous formulations: Total aerobic microbial count (TAMC)1 ≤ 1000 cfu/g or ml	Hazard	Summary	Requirements							
aqueous formulations, finger paints and semi-liquids based on aqueous formulations: Total aerobic microbial count (TAMC)1 Yeast and mould2 Staphylococcus aureus Absent in 1 ml or g Pseudomonas aeruginosa Absent in 1 ml or g Candida albicans Absent in 1 ml or g Escherichia Coli Salmonella spp. Absent in 1 ml or g Enterobacteriaceae ✓ 100 cfu/g or ml NOTE: 1 Great care is required in using this measure because it is not a good indicator of the risk posed. A TAMC value over 1000 cfu/g or ml shall not necessarily be regarded as a non-compliance and should be reviewed on a case by case basis taking into account the nature of the material and the way it is used in a toy. It is advised to retest values over 1000 cfu/g or ml after storage for 7 days at room temperature. If the second test is decreasing (at least 1 log) with reference to the first test result, the TAMC value can be considered as immaterial. Samples with TAMC over 100 000 cfu/g or ml should be regarded as non-compliant in general.		EU Microbiological test								
non-compliant. Further work may be necessary to establish whether sufficient preservation was used and its effectiveness'		EU Microbiological Limits indicating microbiological safety aqueous formulations, finger paints and Total aerobic microbial count (TAMC)1 Yeast and mould2 Staphylococcus aureus Pseudomonas aeruginosa Candida albicans Escherichia Coli Salmonella spp. Enterobacteriaceae NOTE: 1 Great care is required in using this mandal the risk posed. A TAMC value over 1000 as a non-compliance and should be reaccount the nature of the material and retest values over 1000 cfu/g or ml after the second test is decreasing (at least 1 TAMC value can be considered as immandal compliance should be regarded as non-compliant. Further work may be	for aqueous liquid, Modelling clays based on semi-liquids based on aqueous formulations: ≤ 1000 cfu/g or ml ≤ 100 cfu/g or ml Absent in 1 ml or g complete to grow ml Absent in 1 ml or g Interest to good indicator of cfu/g or ml shall not necessarily be regarded eviewed on a case by case basis taking into a the way it is used in a toy. It is advised to the storage for 7 days at room temperature. If log) with reference to the first test result, the material. Samples with TAMC over 100 000 compliant in general.							



6 Chapter Six

Different Categories of Toys and their Requirements



Different Categories of Toys and their Requirements

A Different Categories of Toys and their Requirements

Toy Categories	HS Code	Example	Relevant Standards	Some Major Visual Check Point	Major Labelling
			Doll and Soft Toys		
Soft filled toys	9503.0020		GSO EN71-1 GSO EN71-2 GSO EN71-3 GSO EN71-9 Washing Azo dye	Small part Sharp point Sharp edge Stuffing expose	Part A
Dolls, dolls carriages	9503.0020		GSO EN71-1 GSO EN71-2 GSO EN71-3 GSO EN71-9 Phthalate Washing AZO dye Cadmium	Small part Sharp point Sharp edge Stuffing expose Folding part crushing hazard	Part A Part B 2 when the set is for 3+
		Baby Toys	s and Skill Development Toys	6	
Rattle	9503.0090		GSO EN71-1 GSO EN71-2 GSO EN71-3 GSO EN71-9 Cadmium	Small part Sharp point Sharp edge Sound level Shape and size that may cause impaction	Part A



Toy Categories	HS Code	Example	Relevant Standards	Some Major Visual Check Point	Major Labelling
Squeeze toys	9503.0090		GSO EN71-1 GSO EN71-2 GSO EN71-3 GSO EN71-9 Phthalate Cadmium Polycyclic Aromatic Hydrocarbons (PAHs)	Small part Sharp point Sharp edge Sound level Shape and size that may cause impaction	Part A
Skill development toys	9503.0090		GSO EN71-1 GSO EN71-2 GSO EN71-3 GSO EN71-9 Cadmium Polycyclic Aromatic Hydrocarbons (PAHs)	Small part Sharp point Sharp edge	Part A
Hemispheric shape toys	9503.0090		GSO EN71-1 GSO EN71-2 GSO EN71-3 GSO EN71-9 Cadmium	Small part Sharp point Sharp edge Hemispherical object	Part A
Pull along and push toys	9503.0090		GSO EN71-1 GSO EN71-2 GSO EN71-3 GSO EN71-9 GSO IEC62115 Cadmium	Small part Sharp point Sharp edge Sound level Finger crushing	Part A Part F choose relevant labelling



Toy Categories	HS Code	Example	Relevant Standards	Some Major Visual Check Point	Major Labelling
Liquid filled teether	9503.0090	Ö	GSO EN71-1 GSO EN71-2 GSO EN71-3 GSO EN71-9 Microbial test Phthalate Cadmium Toxicity Risk Assessment	Small part Sharp point Sharp edge Shape and size that may cause impaction Leakage	Part A Part B 12
Construction toys	9503.0090		GSO EN71-1 GSO EN71-2 GSO EN71-3 GSO EN71-9 Cadmium	Small part Sharp point Sharp edge	Part A Part B 2 when the set is for 3+
Sand water toys	9503.0090		GSO EN71-1 GSO EN71-2 GSO EN71-3 GSO EN71-9 Cadmium	Small part Sharp point Sharp edge	Part A
Toy pushchair	9503.0090	A	GSO EN71-1 GSO EN71-2 GSO EN71-3 Cadmium Phthalate Polycyclic Aromatic Hydrocarbons (PAHs)	Sharp point Sharp edge Folding part cause crushing	Part A Part B 2



Toy Categories	HS Code	Example	Relevant Standards	Some Major Visual Check Point	Major Labelling
Wooden toys	9503.0090		GSO EN71-1 GSO EN71-2 GSO EN71-3 GSO EN71-9 Cadmium Phthalate Polycyclic Aromatic Hydrocarbons (PAHs)	Small part Sharp point Sharp edge	Part A
			Action Toys		
Plastic toys	9503.0090		GSO EN71-1 GSO EN71-2 GSO EN71-3 Cadmium Phthalate Polycyclic Aromatic Hydrocarbons (PAHs)	Sharp point Sharp edge	Part A Part B 2 when the set is for 3+
Hand held toys	9503.0090	000	GSO EN71-1 GSO EN71-2 GSO EN71-3 Cadmium Phthalate	Sharp point Sharp edge	Part A Part B 2 when the set is for 3+
Table top or floor toys	9503.0090		GSO EN71-1 GSO EN71-2 GSO EN71-3 Cadmium	Sharp point Sharp edge	Part A Part B 2 when the set is for 3+



Toy Categories	HS Code	Example	Relevant Standards	Some Major Visual Check Point	Major Labelling
Projectile toys	9503.0090		GSO EN71-1 GSO EN71-2 GSO EN71-3 Cadmium Phthalate Polycyclic Aromatic Hydrocarbons (PAHs)	Sharp point Sharp edge Projectile too powerful and sharp	Part A Part B 2, B7
Toy musical instrument	9503.0090		GSO EN71-1 GSO EN71-2 GSO EN71-3 GSO EN71- 9 (moth-actuated musical instrument e.g. flute, harmonica, etc.) Cadmium Polycyclic Aromatic Hydrocarbons (PAHs)	Sharp point Sharp edge Sound level	Part A Part B 2 when the set is for 3+
Close to the ear toys	9503.0090		GSO EN71-1 GSO EN71-2 GSO EN71-3 GSO IEC 62115 Cadmium Phthalate	Sharp point Sharp edge Sound level	Part A Part B 2



Toy Categories	HS Code	Example	Relevant Standards	Some Major Visual Check Point	Major Labelling
Percussion toys	9503.0090		GSO EN71-1 GSO EN71-2 GSO EN71-3 Phthalate Cadmium Polycyclic Aromatic Hydrocarbons (PAHs)	Sharp point Sharp edge Sound level	Part A Part B 14 where applicable
Voice toys	9503.0090		GSO EN71-1 GSO EN71-2 GSO EN71-3 GSO IEC 62115 Phthalate Cadmium Polycyclic Aromatic Hydrocarbons (PAHs)	Sharp point Sharp edge Sound level	Part A Part B 2 Part F choose relevant labelling
Wind toys	9503.0090		GSO EN71-1 GSO EN71-2 GSO EN71-3 GSO EN71-9 (moth-actuated toys) Phthalate Cadmium	Small part detach Sharp point Sharp edge Sound level	Part A



Toy Categories	HS Code	Example	Relevant Standards	Some Major Visual Check Point	Major Labelling
Toy sport equipment and balls	9503.0090		GSO EN71-1 GSO EN71-2 GSO EN71-3 Phthalate Cadmium	Sharp point Sharp edge	Part A Part B 2
Large and bulky toys	9503.0090		GSO EN71-1 GSO EN71-2 GSO EN71-3 Phthalate Cadmium Polycyclic Aromatic Hydrocarbons (PAHs)	Sharp point Sharp edge	Part A Part B 2
Yoyo balls	9503.0090	3	GSO EN71-1 GSO EN71-2 GSO EN71-3 Phthalate Cadmium Polycyclic Aromatic Hydrocarbons (PAHs)	Sharp point Sharp edge YOYO ball elasticity	Part A Part B 2
Toy kites	9503.0090		GSO EN71-1 GSO EN71-2 GSO EN71-3 Cadmium	Sharp point Sharp edge Kite string shall not be conductive material	Part A Part B 2, B 9



Toy Categories	HS Code	Example	Relevant Standards	Some Major Visual Check Point	Major Labelling
Toys intend to be entered by a child	9503.0090		GSO EN71-1 GSO EN71-2 GSO EN71-3 GSO EN71-9 Cadmium Azo dye	Sharp point Sharp edge Closure shall not be zipper and cord	Part A Part B 2 Part C
Role play toys	9503.0090		GSO EN71-1 GSO EN71-2 GSO EN71-3 GSO EN71-9 (jewelry) AZO dye Cadmium Release of Nickel	Sharp point Sharp edge	Part A Part B 2
Balloons	9503.0030		GSO EN71-1 GSO EN71-2 GSO EN71-3 GSO EN71-12 Cadmium Phthalate Polycyclic Aromatic Hydrocarbons (PAHs)	Sharp point Sharp edge Balloon warning	Part A Part B 2, B 3



Toy Categories	HS Code	Example	Relevant Standards	Some Major Visual Check Point	Major Labelling
Play sand	2505.9000		GSO EN71-1 GSO EN71-2 GSO EN71-3 Cadmium		Part A Part B 2 when the set is for 3+
		Ric	de On or Seat On Toys		
Ride on toys without electric	9503.0010 9503.0090		GSO EN71-1 GSO EN71-2 GSO EN71-3 GSO EN71-9 Phthalate Cadmium	Sharp point Sharp edge Stability and overload	Part A Part B 10 choose the relevant labelling, B 16
Electrical driven ride on toy	9503.0010 9503.0090	Soft-sert & step	GSO EN71-1 GSO EN71-2 GSO EN71-3 GSO IEC 62115 Cadmium Phthalate Polycyclic Aromatic Hydrocarbons (PAHs)	Sharp point Sharp edge Stability and overload	Part A Part B 2, B 10 choose the relevant labelling, B 16 Part F choose relevant labelling
Rocking horse and similar	9503.0010 9503.0090	At .	GSO EN71-1 GSO EN71-2 GSO EN71-3 Phthalate Azo dye Cadmium	Sharp point Sharp edge Small part Stability and overload	Part A Part B 19



Toy Categories	HS Code	Example	Relevant Standards	Some Major Visual Check Point	Major Labelling
Toy bicycles, tricycles, scooters, pedal cars and similar wheel toys	9503.0010 9503.0090		GSO EN71-1 GSO EN71-2 GSO EN71-3 Phthalate Cadmium Polycyclic Aromatic Hydrocarbons (PAHs)	Sharp point Sharp edge Stability and overload	Part A Part B 10 choose the relevant labelling
Toys intended to b ear the mass of a child	9503.0010 9503.0090		GSO EN71-1 GSO EN71-2 GSO EN71-3 Phthalate Cadmium Polycyclic Aromatic Hydrocarbons (PAHs)	Sharp point Sharp edge Stability and overload	Part A Part B 2, B 10 choose the relevant labelling



Toy Categories	HS Code	Example	Relevant Standards	Some Major Visual Check Point	Major Labelling
			Educational Toys		
Experimental set	9503.0090		GSO EN71-1 GSO EN71-2 GSO EN71-3 GSO EN71-4 Phthalate Cadmium	Sharp point Sharp edge	Part A Part B 2 Part G choose relevant labelling
Chemical toy	9503.0090	Growing Kill	GSO EN71-1 GSO EN71-2 GSO EN71-3 GSO EN71-5 Cadmium	Sharp point Sharp edge	Part A Part B 2 Part H choose relevant labelling
Functional toys	9503.0090		GSO EN71-1 GSO EN71-2 GSO EN71-3 GSO IEC 62115 Cadmium	Sharp point Sharp edge High temperature	Part A Part B 2, B 5 Part F choose relevant labelling



Toy				Some Major	Major
Categories	HS Code	Example	Relevant Standards	Visual Check Point	Labelling
Olfactory board game, cosmetic kits and gustative games	9503.0090		GSO EN71-1 GSO EN71-2 GSO EN71-3 GSO EN71-13 Cadmium Toxicity Risk Assessment Microbial test	Sharp point Sharp edge	Part A Part B 2, B 24 EN71-13 labelling
Toy books	9503.0090	What am 12	GSO EN71-1 GSO EN71-2 GSO EN71-3 Cadmium Phthalate	Sharp point Sharp edge Small part	Part A
Puzzle	9503.0090		GSO EN71-1 GSO EN71-2 GSO EN71-3 Cadmium Phthalate	Sharp point Sharp edge	Part A Part B 2 when the toy is for 3+
			Art and Craft Toys		
Finger paint	9503.0090		GSO EN71-1 GSO EN71-2 GSO EN71-3 GSO EN71-7 Cadmium Toxicity Risk Assessment Microbial test	Sharp point Sharp edge Small part	Part A Part I



Toy Categories	HS Code	Example	Relevant Standards	Some Major Visual Check Point	Major Labelling
Reduce size scale models, recreational models	9503.0090		GSO EN71-1 GSO EN71-2 GSO EN71-3 Phthalate Cadmium Polycyclic Aromatic Hydrocarbons (PAHs)	Sharp point Sharp edge	Part A Part B 2
Art material, crayon, color pen, felt pen	9503.0090		GSO EN71-1 GSO EN71-2 GSO EN71-3 GSO EN71-9 Phthalate Cadmium Toxicity Risk Assessment Microbial test	Sharp point Sharp edge Small part	Part A
Drawing book, stickers	9503.0090		GSO EN71-1 GSO EN71-2 GSO EN71-3 Phthalate Cadmium	Sharp point Sharp edge	Part A Part B 2 when the toy is for 3+



Toy Categories	HS Code	Example	Relevant Standards	Some Major Visual Check Point	Major Labelling
Craft set	9503.0090	CLOW Blank And Call Do	GSO EN71-1 GSO EN71-2 GSO EN71-3 GSO EN71-9 (modelling clay) Cadmium Toxicity Risk Assessment Microbial test	Sharp point Sharp edge	Part A Part B 2
			ألعاب أنشطة		
Activity toys for domestic use	9503.0090		GSO EN71-1 GSO EN71-2 GSO EN71-3 GSO EN71-8 Cadmium	Sharp point Sharp edge Stability and overload, Entrapment Additional safety concern of playground equipment	Part A Part B 2 Part D choose relevant labelling
Trampolines for domestic use	9503.0090		GSO EN71-1 GSO EN71-2 GSO EN71-3 GSO EN71-14 Cadmium	Sharp point Sharp edge Stability and overload Additional safety concern of Trampoline	Part A Part B 2 Part E



Toy Categories	HS Code	Example	Relevant Standards	Some Major Visual Check Point	Major Labelling
Bouncing castle for domestic use	9503.0090		GSO EN71-1 GSO EN71-2 GSO EN71-3 GSO EN71-9 GC Type examination Cadmium Phthalate	Sharp point Sharp edge Additional safety tests	Part A Part B 2
Aquatic toys Aquatic toys inflatable toys	9503.0090	Ó	GSO EN71-1 GSO EN71-2 GSO EN71-3 Phthalate Cadmium	Sharp point Sharp edge	Part A Part B 2, B 4
Padding pool	9506		GSO EN71-1 GSO EN71-2 GSO EN71-3 GSO EN71-9 Phthalate Cadmium	Sharp point Sharp edge Small part	Part A Part B
			Toy Costumes		



	,			,	
Toy Categories	HS Code	Example	Relevant Standards	Some Major Visual Check Point	Major Labelling
Toy costumes	9503.0090	À A	GSO EN71-1 GSO EN71-2 GSO EN71-3 GSO EN71-9 (mask cover mouth or nose) Phthalate Cadmium AZO dye	Sharp point Sharp edge Cord on costume test	Part A Part B 2 Part C 1
Toy wigs and beards	6704.9000		GSO EN71-1 GSO EN71-2 GSO EN71-3 GSO EN71-9 Phthalate AZO dye Cadmium	Sharp point Sharp edge	Part A Part B
			Flying Toys		
Flying toys	9503.0040		GSO EN71-1 GSO EN71-2 GSO EN71-3 Phthalate Cadmium GSO IEC 62115 GC type examination	Sharp point Sharp edge Overheat Charging fire hazard Additional safety for propeller	Part A Part B 2 Part F choose relevant labelling



7 Chapter Seven

Labelling of Toys



Labelling of Toys

A. Mandatory Labelling according to GTTR

According to Conformity Assessment Regulation Children Toys BD131704-01, Article (11): Warnings:

- 1. Toys shall not bear one or more of the specific warnings where that warning conflicts with the intended use of the toy, as determined by virtue of its function, dimension and characteristics.
- 2. The manufacturer shall mark in Arabic language the warnings in a clearly visible, easily legible and understandable and accurate manner on the toy, on an affixed label or on the packaging and, if appropriate, on the instructions for use which accompany the toy. Small toys which are sold without packaging shall have appropriate warnings affixed to them.





- 3. The warnings shall be preceded by the words «Warning» or «Warnings», as the case may be.
- 4. Warnings which determine the decision to purchase the toy, such as those specifying the minimum and maximum ages for users and the other applicable warnings set out in Annex III, shall appear on the consumer packaging or be otherwise clearly visible to the consumer before the purchase, including in cases where the purchase is made on-line.

Part A: GTTR General Labelling

- 1. Age labelling or minimum/maximum user weight where appropriate
- 2. Manufacturer name and address
- 3. Importer name and address
- 4. Product identity code, item number
- 5. When for the safety use of the toy it requires adult supervision, an adult supervision warning required
- 6. Country of origin
- 7. GCTS mark
- 8. No graphic or wordings that is offensive to Islam or moral



Part B: Physical Requirement Warnings of EN71-1

Below warnings and instruction shall be in Arabic languages.

#	Standard Clause No.	Example	Requirements	Wording of Conditions of Use and Warnings	Translation in Arabia
1	Clause 4.2 Assembly	0 0000	Toys intended to be assembled shall be accompanied by detailed assembly instructions, if appropriate. The instructions shall indicate whether it is necessary that an adult assemble the toy or whether the proper assembly shall be checked by an adult before use.	تحذير! يجب أن يجمعها شخص بالغ المحص حالتها قبل إعطائها الطفل	Warning! Adult assembly required. Check the condition before giving to child.
	Clause 7.1 General			Warning! Adult assembly required.	



				We all as a f	
#	Standard Clause No.	Example	Requirements	Wording of Conditions of Use	Translation in Arabia
				and Warnings	
2	Clause 7.2 Toys not intended for Children under 36months		The provisions in 7.2 do not apply to toys which, on account of their function, dimensions, characteristics, properties or other cogent grounds, are clearly unsuitable for children under 36 months. Toys which are not intended for but might be dangerous for children under 36 months shall be accompanied by a warning together with a brief indication of the specific hazard calling for this restriction. The phrase: "Not suitable for children under 36 months" or "Not suitable for children under three years" may be substituted by the symbol as specified in Figure 10. FIGURE 10 – Age-Warning Symbol shall be accompanied by the word "Warning". The details of the design shall be as follows: — the circle and the stroke shall be red; — the background shall be white; — the age range and the outline of the face shall be black; — the symbol shall have a diameter of at least 10 mm and the proportions between its different elements shall be such as those prescribed in Figure 10. The symbol shall be used to indicate only "0 to 3" years and not for any other age-grade warning to avoid misinterpretation of the symbol.	Warning. Not suitable for children under 36 months. Small parts or Warning. Not suitable for children under 36 months. Long cord. Strangulation hazard or Warning. Small part choking hazard	تحذير. ليست مناسبة للأطفال دون سن 36 تصغيرة شهرا. أجزاء صغيرة للأطفال دون سن 36 الاختناق شهرا. حبل طويل. خطر للأطفال دون سن ثلاث تصغيرة للأطفال دون سن ثلاث تحذير. ليست مناسبة تحذير. ليست مناسبة للأطفال دون سن ثلاث تحذير. ليست مناسبة للأطفال دون سن ثلاث سنوات. خطر الاختناق سنوات. خطر الاختناق
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#	Standard Clause No.	Example	Requirements	Wording of Conditions of Use and Warnings	Translation in Arabia
3	Clause 7.3 Latex Balloons		Warning shall be on packaging The packaging of natural rubber latex balloons shall indicate "Made of natural rubber latex". If there is no packaging, the information shall be on the balloons and/or on a leaflet accompanying the balloons.	Warning. Children under eight years can choke or suffocate on uninflated or broken balloons. Adult supervision required. Keep uninflated balloons from children. Discard broken balloons at once. Made of natural rubber latex.	تحذير. يمكن للأطفال تحت ثماني سنوات الغير الاختناق بالبالونات الغير إشراف الكبار مطلوب. منتفخة والمكسورة عن الأطفال مصنوعة من المطاط والمطبعي



#	Standard Clause No.	Example	Requirements	Wording of Conditions of Use and Warnings	Translation in Arabia
4	Clause 7.4 Aquatic Toys		 Warning on both toy body and packaging. The warning on the toy shall be visible, indelible and in a colour which contrasts with the body of the toy. The height of letters shall be 3 mm or more and the marking on inflatable aquatic toys shall be 100 mm or less from one of the air inflation inlets. No advertising copy or graphics shall state or imply that the child will be safe with such a toy if left unsupervised. Aquatic toys over 1.2m in length shall also comply with EN 15649. There will be other set of labelling on toy and packaging. 	in which the child	تحذير. فقط لاستخدامها في مياه يكون الطفل فيها ضمن عمقه وتحت إشراف الكبار



#	Standard Clause No.	Example	Requirements	Wording of Conditions of Use and Warnings	Translation in Arabia
5	Clause 7.5 Functional Toys		Functional toys and their packaging shall carry the warning Instruction: Working instructions and precautions to be taken by the user, with the warning that failure to take these precautions would expose the user to the hazards – to be specified – normally associated with the appliance or product of which the toy is a scale model or an imitation. Toy shall be kept out of the reach of children under a certain age which shall be specified by the manufacturer.	Warning. To be used under the direct supervision of an adult.	حذير . يتم استخدامها تحت إشراف مباشر من الكبا



#	Standard Clause No.	Example	Requirements	Wording of Conditions of Use and Warnings	Translation in Arabia
6	Clause 7.6 Hazardous sharp functional edges and points		For toys that incorporate hazardous sharp functional edges or hazardous sharp functional points, attention shall be drawn to the potential hazards of such points and edges on the packaging and in the instructions for use accompanying the toy, if appropriate.	Warning. Toy consists functional sharp points Warning. Toy consists functional sharp edges	
7	Clause 7.7 Projectiles		7.7.1 Toys with projectiles which are able to discharge an object other than that provided with the toy Instruction: Draw attention to the hazards of using missiles other than those supplied or recommended by the manufacturer. 7.7.2 Toys capable of discharging a projectile with a kinetic energy greater than 0,08 J Toy and/or its packaging and in the instructions for use: Toy /package and instruction: "Warning. Do not aim at eyes or face."	Warning. Only use projectiles provided with the toy Warning. Do not aim at eyes or face	تحذير. لا تستهدف العينين أو الوجه تحذير. لا تستخدم قذيفة أخرى غير تلك التي توفرها هذه العبة



#	Standard Clause No.	Example	Requirements	Wording of Conditions of Use and Warnings	Translation in Arabia
8	Clause 7.8 Imitation Protective Masks and Helmets		Toys and their packaging	Warning. This toy does not provide protection.	حذير . هذه لعبة لا توفر الحماية
9	Clause 7.9 Toy Kites		Toy kites and other flying toys with cords exceeding 2 m linking the toy to the child shall carry the warning.	Warning. This toy does not provide protection.	حذير . هذه لعبة لا توفر الحماية
10.1	Clause 7.10.1 Roller skates, inline skates and skateboards		Toy and Package	Warning. Protective equipment should be worn. Not to be used in traffic. 20 kg max."	تحذير. يجب ارتداء معدات الوقاية. يمنع استخدامها في حركة المرور. 20 كغ كحد أقصى
10.2	Clause 7.10.2 Ride-on toys without a braking device			Warning. This toy has no brake.	تحذير . هذه لعبة لا يوجد لديها فرامل



#	Standard Clause No.	Example	Requirements	Wording of Conditions of Use and Warnings	Translation in Arabia
10.3	Clause 7.10.3 Electrically- driven ride- on toys		Where required, Toy/package and instruction:	المرور تحذير. هذه اللعبة غير مناسبة للأطفال أقل من العالية العالية أو العالية أو تحذير. هذه اللعبة غير مناسبة للأطفال أقل من مناسبة للأطفال أقل من	



#	Standard Clause No.	Example	Requirements	Wording of Conditions of Use and Warnings	Translation in Arabia
10.4	esualC 4.01.7 snoitcurstnl esu rof syot) dednetni eht raeb ot a fo ssam rehto,dlihc yot naht selcycib yot dna (sretoocs		Instruction shall contain: - examples of safe riding areas; - a recommendation for adult supervision of young children; - instructions to be given to the child in the proper use of the toy, particularly in the use of any braking system; - a reminder that the toy should be used with caution since skill is required to avoid falls or collisions causing injury to the user or third parties. If the toy carries a warning regarding protective equipment, some indication shall also be given in the instructions for use with regard to recommended protective equipment (helmet, gloves, knee-pads, elbow pads, etc.).		



#	Standard Clause No.	Example	Requirements	Wording of Conditions of Use and Warnings	Translation in Arabia
11	Clause 7.11 Toys intended to be attached to or strung across a cradle, cot, or perambulator		On package	Warning. To prevent possible injury by entanglement, remove this toy when the child starts trying to get up on its hands and knees in a crawling position.	تحذير. لمنع الإصابة المحتملة من الاختناق، يجب إبعاد هذه اللعبة عندما يبتدئ الطفل بالحبو
12	Clause 7.12 Liquid-filled teethers	Co	Toy or package	Cool only in a refrigerator. Do not place in the freezer compartment.	تبريد فقط في الثلاجة. لا توضع في حجرة التجميد
13	Clause 7.13 Percussion caps specifically designed for use in toys		On package	Warning. Do not fire indoors or near eyes and ears. Do not carry caps loose in a pocket.	تحذیر. یجب ارتداء معدات الوقایة. یمنع استخدامها في حرکة المرور. 20 کغ کحد أقصى



#	Standard Clause No.	Example	Requirements	Wording of Conditions of Use and Warnings	Translation in Arabia
14	Clause 7.14 Acoustics		Percussion toys which produce high impulse sound levels, shall carry the warning on packaging	Warning. Do not use close to the ear! Misuse may cause damage to hearing."	حذير. لا تستخدم بالقرب من الأذن! الاستخدام غير السليم يمكن أن يسبب تلف السمع
15	Clause 7.15 Toy bicycles		Toy bicycles and package. Instruction: • used with caution, since skill is required to avoid falls or collisions causing injury to the user or third parties • recommended protective equipment, • instructions in the proper use of the braking system; • a reminder that the bicycle is not suitable for use on public highways.		تحذير . يجب ارتداء معدات الوقاية . يمنع استخدامها في حركة المرور



#	Standard Clause No.	Example	Requirements	Wording of Conditions of Use and Warnings	Translation in Arabia
16	Clause 7.16 Toys intended to bear the mass of a child		Toys that due to their construction, strength, design or other factors is not suitable for children of 36 months. Toy and package: The age warning shall be clearly legible at the point of sale of the product.	Warning. Not to be used by children over 36 months. Insufficient Strength.	تحذير. ليست مناسبة للأطفال أكثر من سن 36 شهرا
17	Clause 7.17 Toys comprising monofilament fibers		Toys comprising monofilament fibers of straightened length greater than 50 mm attached to a fabric base, Warning on toy or package.	Warning. Not suitable for children under 10 months due to long hair.	تحذير. ليست مناسبة للأطفال دون سن 10 أشهر بسبب الشعر الطويل



#	Standard Clause No.	Example	Requirements	Wording of Conditions of Use and Warnings	Translation in Arabia
18	Clause 7.18 Toy scooters		Toy and package. Toy scooters intended for children with a body mass of 20 kg or less "Warning. Protective equipment should be worn. Not to be used in traffic. 20 kg max.". Toy scooters intended for children with a body mass of 50 kg or less "Warning. Protective equipment should be worn. Not to be used in traffic. 50 kg max." Instructions for use: Toy shall be used with caution, since skill is required to avoid falls or collisions causing injury to the user or third parties. the warning indicated above; how to safely fold or unfold foldable scooters; the necessity to ensure that all locking devices are engaged; the dangers of using toy scooters on public highways; a recommendation to use protective equipment such as a helmet, gloves, kneepads and elbow-pads.	Warning. Protective equipment should be worn. Not to be used in traffic. 20kg max. or Warning. Protective equipment should be worn. Not to be used in traffic. 50kg max.	تحذير. يجب ارتداء معدات الوقاية. يمنع المرور. 20 كغ كحد اقصى تحذير. يجب ارتداء معدات الوقاية. يمنع المرور. 50 كغ كحد اقصى



#	Standard Clause No.	Example	Requirements	Wording of Conditions of Use and Warnings	Translation in Arabia
19	Clause 7.19 Rocking horses and similar toys		Rocking horses and similar toys, where the intended sitting surface is 600 mm or more above the ground, Warning on toy and package. The warning shall be clearly legible at the point of sale of the product.	Warning. Risk of falling. Do not leave children under 36 months sitting or playing unattended.	تحذير. خطر السقوط. لا تترك الأطفال دون سن 36 شهرا الجلوس أو اللعب دون حراسة
20	Clause 7.20 Magnetic/ electrical experimental sets		The packaging and the instructions for use of magnetic/ electrical experimental sets intended for children over 8 years. Warning on toy and instruction	Warning. Not suitable for children under 8 years. This product contains (a) small magnet(s). Swallowed magnets can stick together across intestines causing serious injuries. Seek immediate medical attention if magnet(s) are swallowed.	تحذير. وليس مناسبة للأطفال دون سن 8 سنوات. هذا المنتج يحتوي على مغنطيس صغير أو أكثر. ابتلاع مغنطيسات يمكن أن تاتصق يبعضها البعض عبر الأمعاء المسببة لإصابات خطيرة. الطبيب فورا إذا ابتلع المغناطيس



#	Standard Clause No.	Example	Requirements	Wording of Conditions of Use and Warnings	Translation in Arabia
21	Clause 7.21 Toys with electrical cables exceeding 300 mm in length		Toys intended for children under 36 months, with electrical cables longer than 300 mm and their packaging shall carry the warning	Warning. Long cable. Strangulation hazard.	تحذير. كابل طويل. خطر الاختناق
22	Clause 7.22 Toys with cords or chains intended for children of 18 months and over but under 36 months		Warning on toy or package The age warning shall be clearly legible at the point of sale of the product.	Warning. Not suitable for children under 18 months. Long cord/Long chain. Strangulation hazard.	تحذير. ليست مناسبة للأطفال دون سن 18 شهرا. حبل طويل/ سلسلة طويلة. خطر الاختناق
23	Toys in food		Toys contained in food or co-mingled with food shall bear such warning	Warning! Toy inside. Adult supervision recommended"	داخلة لعبة. يوصى بإشراف الكبار



#	Standard Clause No.	Example	Requirements	Wording of Conditions of Use and Warnings	Translation in Arabia
24	Packaging for fragrances in olfactory board games, cosmetic kits and gustative games		Packaging for fragrances in olfactory board games, cosmetic kits and gustative games that contain the fragrances shall contain the warning	sniatnoC !gninraW yam taht secnargarf "seigrella esuac	



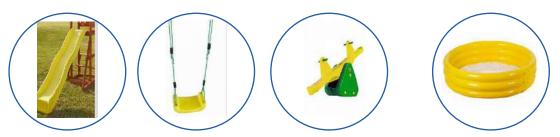
Part C: Flammability Requirement Warnings of EN71-2

Below warnings and instruction shall be in Arabic languages.

Standard Clause No.	Example	Requirements	Wording of Conditions of Use and Warnings	Translation in Arabia
Clause 4.3 Toy disguise costumes and toys intended to be worn by a child in play	92217	If the rate of spread of flame is between 10 mm/s and 30 mm/s, the appropriate part(s) of the toy and the packaging shall be marked with the warning	Warning. Keep away from fire.	تحذير. الابتعاد عن الحرق
Clause 4.4 Toys intended to be entered by a child		If the rate of spread of flame is between 10 mm/s and 30 mm/s, the appropriate part(s) of the toy and the packaging shall be marked with the warning	Warning. Keep away from fire.	تحذير . الابتعاد عن الحرق



Part D: Activity Toys for Domestic Use of EN 71-8



Clause 5 Warnings, Markings, and Instructions

The activity toy or its packaging shall carry

- Minimum and/or maximum user age, and minimum and/or maximum user weight, if appropriate
- Activity toy is intended for indoor or outdoor use.
- Warning. Only for domestic use. يتم استخدامها تحت إشراف مباشر من الكبار

The warning shall be clearly visible at the time of purchase:

Clause 5.1 Paddling Pools

Paddling pools shall bear the following warning pictograms and warning text and the height of the pictograms shall not be less than 40mm.



On Paddling pool:

Warning on the paddling pool shall be indelible and easily legible

- in a colour which contrasts with the body of the paddling pool.
- placed below or to the side of the pictograms.
- · background in white colour





The warning shall be clearly visible by the supervising adult during use of the paddling pool.

On packaging:

- "Children can drown in very small amounts of water. Empty the pool when not in use".
- "Do not install the paddling pool over concrete, asphalt or any other hard surface".

Clause 5.2 Assembly and installation instructions

- The warnings, markings and information specified in 5.1 shall be repeated
- Any other purchase information or information provided on the labels of the activity toys.
- Drawings which shall enable a consumer to correctly assemble the activity toy.
 - a. a recommendation to place the activity toy on a level surface at least
 2 m from any structure or obstruction such as a fence, garage, house,
 overhanging branches, laundry lines or electrical wires;
 - b. detailed instructions on how anchors are to be installed to prevent overturning or lifting of the support members when they are used as intended or in a foreseeable way, taking into account the condition of the soil normally encountered;
 - c. instructions that anchors shall be placed level with or under the ground in order to reduce tipping hazards;
 - d. the minimum clearance that needs to exist between the swing element(s) and the ground, and, where this is adjustable, instructions on how to achieve this minimum clearance:
 - e. instructions that activity toys (for example paddling pools, swings, slides, climbing frames) shall not be installed over concrete, asphalt or any other hard surface;
 - f. a recommendation on the orientation of the activity toy (e.g. slides) in relation to its exposure to the sun;
 - g. information to keep the assembly and installation instructions for further reference;
 - h. instructions that modifications made by the consumer to the original activity toy (for example the adding of an accessory) shall be carried out according to the instructions of the manufacturer. In particular, instructions shall be provided with a kit/accessory about the installation of rope/nets concerning the minimum diameter, the need for fixation at both ends, overall length, and positioning in relation to other structures.

The assembly and installation instructions shall also, when appropriate, include the following:



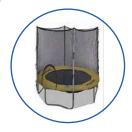
Clause 5.3 Maintenance

Need of carrying out checks and maintenance of the main parts (crossbeams, suspensions, anchors, etc.) at regular intervals, pointing out that if these checks are not carried out the activity toy could overturn or otherwise become a hazard. Whenever practical, the instructions shall also be affixed to the activity toy.

The maintenance instructions shall, when appropriate, also include the following recommendations pointing out that it is of particular importance that they be followed at the beginning of each season as well as at regular intervals during the usage season:

- a. to check all nuts and bolts for tightness and tighten when required;
- b. to oil all metallic moving parts;
- c. to check all coverings for bolts and sharp edges and replace when required;
- d. to check swing seats, chains, ropes and other means of attachments for evidence of deterioration;
- e. to replace defective parts in accordance with the manufacturer's instructions:
- f. to change the water of paddling pools frequently (particularly in hot weather) or when noticeably contaminated.

Part E: Trampolines for domestic use EN71-14



Warnings, Markings and Instructions

Clause 5.1 General

The warnings shall be preceded by the word: "Warning" or "Warnings", as appropriate (i.e. instead of repeating the word "Warning" before each warning when several of the required warnings are present, the word "Warnings" may be used once), and be clearly visible to the consumer before the purchase. The word "Warning" or "Warnings" may be followed by punctuation, e.g. an exclamation mark.





Clause 5.1.1 Warning regarding domestic use

• "Warning. Only for domestic use".

The trampoline or its packaging shall carry the warning which shall be clearly visible at the point of sale

Clause 5.1.2 Warning regarding trampolines not intended for children under 36 months.

- "Warning! Not suitable for children under 3 years. Small part. Choking hazard." OR
- "Warning! Not suitable for children under 3 years. Long cord. Strangulation hazard."

When applicable, trampolines for domestic use shall comply with the warning requirement in EN 71-1:2014, 7.2. As indicated in EN 71-1, a brief indication of the specific hazard calling for the restriction.

Clause 5.2 Warnings and markings on the product

Clause 5.2.1 General

In addition to applicable warnings in 5.1, the following warnings shall be visible when the user is standing in front of the entrance/ access device:

- "Warning. Max xx kg";
- "Warning. Only one user. Collision hazard";
- "Warning. Adult supervision required";
- "Warning. [Indicate whether the trampoline is intended for indoor and/or outdoor use]";
- "Warning. No somersaults";
- "Warning. Always close the net opening before jumping";
- "Warning. Read the instruction".
- "Warning. The net should be replaced every (*) year(s)".
- (*) The time is to be specified by the manufacturer.

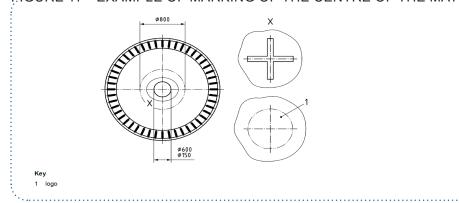




Clause 5.2.2 Marking of the centre of the mat

The centre of the mat of a medium or large trampoline shall be clearly marked in a colour contrasting to the mat and the mark used shall have a minimum size of 150 mm and a maximum size of 600 mm (see example in Figure 11). It is acceptable to use the manufacturer's logotype to mark the centre of the mat. In cases where the shape of the logotype is irregular and does not have a clear centre-point, the logotype shall be positioned as centred as possible and fully inside a fictive circle which has a diameter of 800 mm and is centred over the geometric centre of the mat (see example in Figure 11).

FIGURE 11 - EXAMPLE OF MARKING OF THE CENTRE OF THE MAT ON A CIRCULAR TRAMPOLINE



Clause 5.3 Warnings and markings on the packaging

The following warnings shall be marked on the packaging, be clearly visible at the point of sale:

- "Warning. Max xx kg";
- "Warning". [Indicate whether the trampoline is intended for indoor and/or outdoor use];
- "Warning. Only one user. Collision hazard";
- "Warning. The net should be replaced every (*) year(s)".

Main dimension after assembly and free space required around the trampoline

(*) The time is to be specified by the manufacturer.

In addition, the main dimensions of the assembled product and the free space required around the trampoline shall be clearly indicated on the packaging and/or be clearly visible at the point of sale.



Clause 5.4 Warnings and information in the instructions for use

Clause 5.4.1 Warnings

The following warnings shall as a minimum be included in the instructions for use:



- "Warning. Max xx kg";
- "Warning". [Indicate whether the trampoline is intended for indoor and/or outdoor use];
- "Warning. The trampoline shall be assembled by an adult in accordance with the assembly instructions and thereafter checked before the first use";
- "Warning. Only one user. Collision hazard";
- "Warning. Always close the net opening before jumping";
- "Warning. Jump with/without shoes [as decided by the manufacturer]";
- "Warning. Do not use the mat when it is wet";
- "Warning. Empty pockets and hands before jumping";
- "Warning. Always Jump in the middle of the mat";
- "Warning. Do not eat while jumping";
- "Warning. Do not exit by a jump";
- "Warning. Limit the time of continuous usage (make regular stops)";
- "Warning. Do not use in strong wind conditions and secure the trampoline".
- "Warning. Only one user. Collision hazard";
- "Warning. Always close the net opening before jumping";
- "Warning. Jump with/without shoes [as decided by the manufacturer]";
- "Warning. Do not use the mat when it is wet";
- "Warning. Empty pockets and hands before jumping";
- "Warning. Always Jump in the middle of the mat";
- "Warning. Do not eat while jumping";
- "Warning. Do not exit by a jump";
- "Warning. Limit the time of continuous usage (make regular stops)";
- "Warning. Do not use in strong wind conditions and secure the trampoline".



Clause 5.4.2 Information

In addition to the warnings in 5.4.1, the following information shall as a minimum be included in the instructions for use:

- instructions that the trampoline is not intended to be buried into the ground;
- an indication of product dimensions;
- jumping instructions;
- instructions on how to move the trampoline;
- a recommendation to place the trampoline on a level surface at least 2 m from any structure or obstruction such as a fence, garage, house, overhanging branches, laundry lines or electrical wires;
- instructions that trampolines shall neither be installed over concrete, asphalt or any other hard surface nor at proximity of other conflicting installations (e.g. paddling pools, swings, slides, climbing frames);
- instructions that modifications made by the consumer to the original trampoline (e.g. the adding of an accessory) shall be carried out according to the instructions of the manufacturer.

Clause 5.4.3 Assembly and Maintenance Instructions

In addition to the warnings in 5.4.1 and the instructions in 5.4.2, the instructions for use shall include detailed instructions for assembly as well as maintenance instructions.

The maintenance instructions shall draw attention to the need to carry out checks and maintenance of the main parts (frame, suspension system, mat, padding, and enclosure) at the beginning of each season and also at regular intervals, pointing out that if these checks are not carried out, the trampoline could become dangerous.

Maintenance instructions shall, as appropriate, include the following recommendations:

- check all nuts and bolts for tightness and tighten when required;
- check that all spring-loaded (pit pin) joints are still intact and cannot become dislodged during play;
- check all coverings and sharp edges and replace when required;





- outdoor trampolines should be equipped with a device that in strong wind conditions avoid displacement due to wind (e.g. steel bars in the ground or loads like sand bag or water bags) and/ or items catching wind like net and mat should be removed;
- in certain countries during winter period, the snow load and the very low temperature can damage the trampoline. It is recommended to remove the snow and store the mat and the enclosure indoor;
- check that mat, padding and enclosure are without defects;

NOTE Sunlight, rain, snow and extreme temperatures reduce the strength of these parts over time.

- replace the net and /or enclosure after (*) year(s) of use:
- make sure that the hook-and-loop fasteners are closed correctly during use of trampoline.
- (*) The time is to be specified by the manufacturer.

The manufacturer shall provide information on how to secure the trampoline at strong wind conditions, e.g. removing items (net etc.) and/or fixing the trampoline to the ground.

Part F: Electrical Toys of GSO IEC 62115

Clause 7 Marking and Instructions

- The name, trade mark or identification mark of the manufacturer or responsible vendor;
- The model or type reference
- · How to remove and insert the batteries;
- Non-rechargeable batteries are not to be recharged
- Rechargeable batteries are only to be charged under adult supervision;
- Rechargeable batteries are to be removed from the toy before being charged;
- Different types of batteries or new and used batteries are not to be mixed;
- Batteries are to be inserted with the correct polarity;
- Exhausted batteries are to be removed from the toy;
- The supply terminals are not to be short-circuited.





لا يجب شحن البطاريات الغير قابلة للشحن الا بحضور راشد لا يجب شحن البطاريات قابلة للشحن إلا بحضور راشد لا يجب شحن البطاريات إلا من قبل راشد أو من أطفال فوق سن 8 سنوات يجب إزالة البطاريات القابلة للشحن من لعبة قبل انتهاء شحنها لا يجب خلط أنواع البطاريات أو البطاريات الجديدة والمستعملة وينبغي أن تدرج البطاريات مع القطبية الصحيحة يجب إزالة البطاريات المستوفاة من اللعبة ليجب قطع محطة التزويد قطعا مفاجأ

Note: If the toy supplied with a battery charger for use by children, the instruction" Rechargeable batteries are only to be charged under adult supervision" may be replaced by: 'Batteries are only to be charged by adults or by children at least 8 years old'

Coin cell and button cell

 Toys using replaceable coin batteries shall carry the substance of the following warning on the packaging: Warning: Contains coin battery. Hazardous if swallowed – see instructions.
 Or symbol



Instructions: Toys with Coin cell requires to add 1 and 2, with button cell requires to add 2.

- 1. Warning: This product contains a coin battery. A coin battery can cause serious internal chemical burns if swallowed.
- 2. Warning: Dispose of used batteries immediately. Keep new and used batteries away from children. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.





Toy with battery box

- (1) The battery compartment shall be marked with:
- The nominal battery voltage;
- The symbol for d.c.





- (2) The instructions shall contain the substance of the following as applicable:
- The toy is not to be connected to more than the recommended number of power supplies

Toy with detachable lamps

- (1) The identification for detachable lamps shall be marked with:
- The rated voltage and type number, or
- The maximum power input, or
- The maximum current.



- (2) The marking for power input or current of detachable lamps shall be as follows:
- lamp max ... W or lamp max ... A



- The word "lamp" may be replaced by symbol
- The marking shall be visible when replacing the lamp.

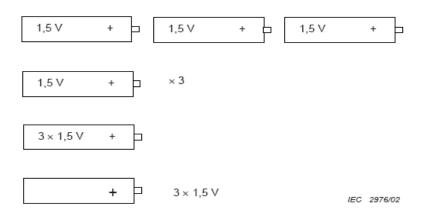




Battery toys with replaceable batteries

(1) The battery compartment shall be marked with the shape of the batteries in proportional size, together with their nominal voltage and polarity.

Examples representing three batteries are



Transformer toys

- (1) The toy shall be marked with
- The rated voltage in volts;
- The symbol for a.c. \bigcirc or d.c. $\boxed{}$





- The rated power input, in watts or volt-amperes, if greater than 25 W or 25 VA;
- The symbol for transformer for toys.





Symbol for transformer for toys



Rate power input



Rate voltage and symbol for DC





1

- The marking of rated voltage and the symbol for a.c. or d.c. shall be placed adjacent to the terminals.
- The symbol for transformer for toys shall be marked on the packaging also



2

- The text "Not suitable for children under 36 months" may be replaced by the age warning symbol from EN 71-1.
- The age warning shall be visible to consumers at the time of purchase:
- A brief indication of the specific hazard (e.g. misuse of transformer can cause electrical shock) shall accompany the age warning or appear in the instructions which accompany the toy.

3

• The instructions for transformer toys shall contain the

substance of the following, as applicable:

- The toy is not intended for children under 3 years old;
- The toy shall only be used with a transformer for toys;
- The model number or specification of a suitable transformer for use with the toy;
- The transformer is not a toy;
- Toys liable to be cleaned with liquids are to be disconnected from the transformer before cleaning
- The toy is not to be connected to more than the recommended number of power supplies



Computer toys

If the computer toys do not meet the requirement of 14.Z1 b, the instructions shall state the substance of the following:

− ☐ The toy is only to be connected to Class II equipment bearing the following symbol

Battery toys intended to be used in water:

The instructions shall state that the toy is to be operated in water only when fully assembled in accordance with the instructions.

Toys having wires without connecting means:

The instructions shall state that the wires are not to be inserted into socket-outlets,

لا ينبغي إدخال السلك في منافذ المقبس لا ينبغي إدراج الهوائي في منافذ المقبس

Toy used with transformers or battery chargers

The instructions state that transformers or battery chargers used with the toy are to be regularly examined for damage to the cord, plug, enclosure and other parts, and in the event of such damage, they must not be used until the damage has been repaired.

يجب فحص شاحن بطاريات اللعبة باستمرار للتأكد من سلامة الحبل الكهربائي و الأجزاء الضمنية الأخرى. و في حالة معاينة أضرار، يجب عدم استعمال شاحن بطاريات حتى يقع تصليحه.

Assembled toy

If the toys are intended to be assembled by a child, Instruction for assembly shall be provided when necessary for the safe operation of the toy.

If the toy is intended to be assembled by an adult, the instruction shall state that "assembled by an adult"

Experimental sets

The packaging shall be marked with the substance of the following:

- Warning: Only for use by children aged 8 years and older;

The following information shall include in the instructions:

- (1) The instructions for parents shall state the minimum age of the child for whom the set is intended.
- (2) Detailed information shall be given in the instructions on how to set up and perform each experiment. The instructions shall point out possible hazards and give technical information concerning the electrical parts, their behavior and how to handle them properly. All hazards that can be expected during an experiment, such as those resulting from the short-circuiting of batteries or the wrong connection of capacitors, shall be described in detail.





Note:

- The instructions should be written so that they are understandable by the age group for which the experimental set is intended.
- (3) Instructions for children and for parents may be given separately. If the instructions are given in one leaflet, the section addressed to parents shall be given first.
- (4) The instructions shall include a warning against manipulation of protective devices such as current-limiting devices. They shall describe the consequential dangers, such as overheating of cords, eruption of batteries and excessive heating.



- (1) The accessible parts of toys that are intended for children 3 years and over but less than 8 years which exceed the temperature rise limit for children less than 3 years according to IEC 62115 clause 9.10 shall carry the following warning:
- Warning. Not suitable for children under 36 months

Note:

• The text "Not suitable for children under 36 months" may be replaced

by the age warning symbol from EN 71-1.



- The age warning shall be visible to consumers at the time of purchase:
- A brief indication of the specific hazard (e.g. hot surface) shall accompany the age warning or appear in the instructions which accompany the toy.
- (2) The accessible parts of toys that are intended for children 8 years and over, and which exceed the temperature rise limit for children 3 years to less than 8 years according to Table Z1 shall carry the following warning:

 Warning! Not suitable for children under 8 years

Note:

- The age warning shall be visible to consumers at the time of purchase:
- Abrief indication of the specific hazard (e.g. hot surface) shall accompany the age warning or appear in the instructions which accompany the toy.

Toys with LED with flashing frequency 4 - 60 Hz. The packaging or instruction shall carry below warning

Warning: This toy produces flashes that may trigger epilepsy in sensitised individuals.





Other instruction concerning safe operation

(1) Instructions shall be provided that give details concerning cleaning and maintenance when necessary for the safe operation of the toy.





Other requirement on marking and instructions

- (1) when the markings or instructions are on the packaging, the packaging shall state that: "Packaging must be retained since it contains important information".
- (2) Instructions and other texts required by this standard shall be written in the official language of the country in which the toy is to be sold.
- (3) The markings on the toy shall be legible and shall show no curling after rubbing test that rubbing the marking by hand for 15 s with a piece of cloth soaked with water and again for 15 s with a piece of cloth soaked with petroleum spirit.

Part G: Other Commonly Used Safety Labelling Not from Toy Standards

SAFETY PRECAUTION FOR USING R/C TOYS







1. Outdoor toys intended for children over 12 years of age

A. Warning on the toy

"Warning. Do not contact the rotating rotor"

- The warning shall appear on the operator panel visible to the child when operating the toy.
- Warnings before Purchase (visible at point of sale)
- Caution. Read the manual carefully before first use.
- To be used only outdoors not to be used indoors. Risk of eye injuries.
- Warning. Not suitable for children under 12 years of age.
- Caution. Do not start up and fly when persons, animals or any obstructions are within the flying range of the helicopter.
- Note: The manufacturer should specify the flying range.

B. Instructions for use

Warning. Not suitable for children under 12 years of age.

- Before first use: Read the user's information together with your child.
- Keep the instructions for use for later reference.
- Operations and safe use must be explained (preferably by graphical illustrations).
- Flying the helicopter requires skill and users must be trained under the direct supervision of an adult.
- Note for adult supervisors: Check if the toy is assembled as instructed.
- The assembly shall be performed under the supervision of an adult.
- Hands, hair and loose clothes must be kept away from the propeller (rotor). Do not touch the rotating rotor.
- Do not change or modify anything on the helicopter.
- For use only outdoors not to be used indoors. Risk of eye injuries.
- Start and fly only when the area is appropriate for the intended use (free area, no obstacles) and only within direct visual contact





- Start and fly is strictly forbidden near high voltage poles, railway tracks, roads, swimming pools or open water.
- Caution. Do not start up and fly when persons, animals or any obstructions are within the flying range of the helicopter.
- Note: The manufacturer should specify the flying range. Only operate under good visibility and calm weather conditions.

2. Toy for domestic indoor and domestic garden use, by children of over 8 years of age

A. Warnings and instructions for use: (visible at point of sale)

- Warnings before Purchase
- Caution. Read the manual carefully before first use.
- · Use only under adult supervision.
- To be used in domestic area (house and garden) only.
- Warning. Not suitable for children under 8 years of age.
- Instructions for use
- Warning. Not suitable for children under 8 years of age.
- Keep the instructions for use for later reference.
- Before first use: Read the user's information together with your child.
- Operations and safe use must be explained (preferably by graphical illustrations).
- Flying the helicopter requires skill and children must be trained under the direct supervision of an adult.
- For toys intended to be assembled by the child: Note for adult supervisors: Check if the toy is assembled as instructed. The assembly shall be performed under the supervision of an adult.
- Hands, hair and loose clothes shall be kept away from the propeller (rotor).
- Do not change or modify anything on the helicopter.
- For safe use, the room where the toy is used must be sufficiently large.
- This toy is intended to be used in domestic area (house and garden) only.
- Caution. Do not start up and fly when persons, animals or any obstructions are within the flying range of the helicopter.
- Caution. Risk of eye injuries. Do not fly near your face to avoid injuries.





CONSTANT AIR INFLATABLE SAFETY PROCEDURES FOR THE SAFE OPERATION OF A BOUNCING CASTLE



- Under no circumstances must the equipment be interfered with or moved.
- · In the event of high winds or inclement weather deflate the inflatable
- A responsible adult must supervise the unit at all times.
- Never overcrowd a unit and segregate different aged children.
- Ensure that no persons are on, or in the inflatable while inflating or deflating and never remove the plug without first checking.
- Persons using the inflatable must remove footwear, belts and glasses.
- No toys, sharp objects, water, food and drink allowed on the unit.
- The hirer is responsible to cover any hard surfaces adjacent to the entrance/exit with mats or soft material.
- No adults or pets are permitted to use our inflatables.
- No children are ever permitted to climb on the walls of an inflatable
- Never allow children to run out from the unit.

Usage, storage, cleaning method

CLEANING INSTRUCTION FOR TEXTILE TOYS

A toy intended for use by children under 36 months must be designed and manufactured in such a way that it can be cleaned. A textile toy shall, to this end, be washable, except if it contains a mechanism that may be damaged if soak washed. The toy shall fulfil the safety requirements also after having been cleaned in accordance with this point and the manufacturer's instructions.













PLASTIC BAG WARNING

"WARNING: Plastic bags can be dangerous. To avoid danger of suffocation, keep this bag away from babies and children."

COSTUME LABELING

"Costume Safety Tips: Select a mask that fits securely and has eye holes large enough to allow for full vision. If wearing at night, carry flashlights in order to see and be seen. Keep away from lit candles and open flames."

GLITTER WARNING LABEL

CAUTION: During handling and play this item may release particles of glitter.

ENTANGLEMENT WARNING - STRAPS, STRINGS AND CORDS

"CAUTION: Entanglement hazard. Keep away from very young children."

"CAUTION: Entanglement hazard. Keep away from very young children. Do not place around neck."

COLLECTIBLE WARNING

NOT INTENDED FOR USE AS A TOY.

THIS ITEM IS A COLLECTIBLE AND IS FOR DISPLAY PURPOSES ONLY.

DO NOT GIVE THIS TO A CHILD OF ANY AGE.



ENVIRONMENTAL LABELLING





The Green Dot (German: Der Grüne Punkt) is the license symbol of a European network of industry-funded systems for recycling the packaging materials of consumer goods. The logo is trademark protected worldwide.

LOBMYS NAMIRT

The TRIMAN symbol was introduced into France as of the 1st January 2015. Made up of three elements representing the consumer, better waste treatment and recycling, it was originally intended to be printed on all products covered by an extended producer responsibility law in France (household packaging, textiles, furniture etc.). The symbol aims to harmonise the marking of recyclable products, and is only mandatory in France. The TRIMAN symbol is not replacing the Green Dot symbol. The Green Dot must still be printed on all household packaging placed onto the French market. If printed alongside the Green Dot or any other producer responsibility markings, the TRIMAN symbol must be of equal size.

SPI RESIN CODE FOR RECYCLING PLASTIC

The ASTM International Resin Identification Coding System, often abbreviated as the RIC, is a set of symbols appearing on plastic products that identify the plastic resin out of which the product is made.[1] It was developed originally by the Society of the Plastics Industry (now the Plastics Industry Association) in 1988, but has been administered by ASTM International since 2008.[1]



Table of SPI resin codes

Recycling number	lmage	Alternate image #1	Alternate image #2	Abbreviation	Polymer name
1	Û	PETE	PET	PETE or PET	Polyethylene terephthalate
2	4	ADPE HDPE	D2 PE-HD	HDPE or PE- HD	High-density polyethylene
3	€	٩	PVC	PVC or V	Polyvinyl chloride
4	4	LDPE	PE-LD	LDPE or PE- LD	Low-density polyethylene
5	٤	2 ₅	2 05	PP	Polypropylene
6	<u>છ</u>	(A)	کوک انگ	PS	Polystyrene
7	(2)	OTHER	@	OTHER or O	



Below are the RIC symbols after ASTM's 2013 revision

Resin Identification Number	Resin	Resin Identification Code –Option A	Resin Identification Code –Option B
1	Poly(ethylene terephthalate)	PETE	DET PET
2	High density polyethylene	ADPE	D2 PE-HD
3	Poly(vinyl chloride)	<u>₹</u>	DO3 PVC
4	Low density polyethylene	LDPE	PE-LD
5	Polypropylene	S _{PP}	O5 PP
6	Polystyrene	A PS	06 PS
7	Other resins	OTHER	<u> </u>



WARNING FOR USING BATTERIES



DO	 Use the correct size and type of battery specified by the manufacturer of your device.
DO	 Store batteries, in their original packaging, in a dry place and at normal room temperature until ready to use.
DO	 Replace all used batteries in your device at the same time. Insert batteries properly, with the plus (+) and minus (-) terminals aligned correctly. CAUTION: Some equipment using more than three batteries may appear to work properly even if one battery is inserted incorrectly.
DO	 Keep all batteries in a safe place away from children and pets, particularly the smaller sized batteries.
DO	 Where possible, recycle your batteries where communities offer recycling or collection programs. You can contact your local government for information about the disposal options in your area.
DO	 Remove batteries from equipment while it is being powered by household (AC) current.
DON'T	 Leave batteries in your device if you suspect it will not be used for several months. Many devices don't power off completely when switched off and, after time, may cause the batteries inside to leak.
DON'T	 Carry batteries loose in your pocket or purse as they may create a safety risk. They can be shorted by contact with metal objects and may leak, overheat or rupture.
DON'T	 Mix old and new batteries, batteries of different brands, or batteries of different types (for example heavy duty zinc chloride batteries and alkaline batteries) in the same device as this may cause the batteries to leak.
DON'T	Attempt to recharge non-rechargeable batteries. This can cause your batteries to overheat or leak.
DON'T	 Place your batteries in a refrigerator. This will not 'recharge' your batteries, increase storage life, or increase your batteries' power.
DON'T	 Dispose of large numbers of batteries at one time. Where there are collection programs for used batteries in your area, store used batteries in a non-metal container in a well ventilated area, do not mix the batteries with other items, and bring to the collection facility on a regular basis.
DON'T	 Put batteries or battery-powered devices in very warm places. Extreme temperatures reduce battery performance and may also lead to leakage.
DON'T	 Remove the battery label, or attempt to take the battery apart, or dispose of in a fire as this may lead to rupture and/or chemical burns.



8 Chapter Eight

Inspection and Sampling



A. Procedure on Selecting Samples

As it is not possible to test every type of toy in each consignment during surveillance testing due to financial or budget constraints, considerable effect on turnaround time (TAT) and other reasons for practicality, a risk-based procedure in taking samples can be followed.

The selection of sample is based on the predefined risk factor gauged according to different kind of hazard that may be found in toys. The toys with the higher risk factor will be prioritized during surveillance.

The Customs inspector should also consider the other factors such as the following while selecting samples based on the risk assessment of the toys.

Country of Origin

The setting or place of manufacture can be a factor in considering the risk of toys. For instance, toys which are manufactured in countries with higher occurrences of poor quality products, counterfeit products, higher incidences of product recalls, dangerous goods, etc. are to be considered as high risk.

Toy Manufacturer/Brand

The maker of the toy or its Brand name can also be a factor in gauging the risk. Toys manufactured by non-reputable or not widely known toy brands/makers or the small players in the toy business can be considered as more risky than the toys manufactured by the reputed toys manufacturers/brands.

Exporter Type

The responsible party exporting the toy to the destination countries should also be considered. For instance, toys exported by traders are considered as with higher risk than toys exported directly by the manufacturers.

For example, if the consignment includes toys with Low Risk factor coming from a High Risk Country, High Risk Exporter and a High Risk Brand, then because of these other factors, the toy can be considered a toy with High Risk factor as well considering the Overall Risk.

B. Procedure on Handling of Toys which have Failed the Surveillance Testing

If non-compliance is identified, the following will be the course of action:





- 1. Notify the concerned parties/entities of the non-compliance.
- 2. The concerned party (i.e. importer) shall provide all information and documents they have that are related to the products which have failed the surveillance test. The documents shall include the Certificate of Conformity (CoC) issued by the Certification Body for the relevant shipment.
- 3. An investigation will be conducted on the Certification Body which has issued the Certificate of Conformity.
- 4. If after all investigations and cross-verifications, the toys are found conclusively non-compliant, various actions are applicable depending on the complexity of the non-compliance.

Return of Shipment

The shipment will be rejected and the importer/exporter of the subject toys will be required to return the shipment to the country of supply.

Product Recall

Product recall is necessary if there is a discovery of safety issues or product defects that might endanger the consumer. Products on the market that are suspected or known to be seriously defective and/or pose a potential risk to the consumer must be recalled. This must be done promptly, comprehensively and in accordance with requirements and regulations of Statutory Authority.

The manufacturer/distributer shall submit complete distribution details of all shipments of the suspect lot(s), including complete names and addresses of all consignees, supporting documentation that will assist the Statutory Authority in identifying and evaluating the problem such as product complaints, product specifications and test results, including the methods used to obtain the results. Statutory Authority will also need to obtain copies of all labelling associated with the product.

Scenarios faced during Product recalls:

- Reconciliation where the recalled product is subject to corrective action Affected products shall be serviced and the defect needs to be rectified before it is presented back to the consumer.
- Reconciliation where the recalled product needs to be destroyed In addition to testing of the replaced products to ensure product/consumer safety

A supervised destruction of the affected recalled products returned by the consumers shall be done. Destruction of products shall be carried out taking into consideration the impact on the environment and in order to ensure that the product is not being resold or utilized illegally.

Random verification is necessary to check if reconciliation has been carried out effectively. If the reconciliation was found to be non-successful, the Statutory body undertakes regulatory action against the toy manufacturer/distributer.





C. Traceability and Compliance Document Checking

1. To use the GCTS mark to track the compliance of a toy

Purpose of GCTS

- a. The GCTS is a symbol granted by GSO representing the Gulf Conformity Marking. A product with the GCTS means that it has gone through a conformity assessment process according to GTTR by a notified body. The toy is in compliance with all the safety requirement of the GTTR.
- b. Generally, notified body would approve the GCTS mark after reviewing the following of the toy

For manufacturer

- 1. GC type examination according to GTTR. Or,
- 2. Conformity assessment procedures for GCTS. Review the following
 - a. Safety assessment report (includes review BOM, product specification).
 - b. Test reports for all relevant GSO standards and meet essential safety requirement.
 - c. Labelling checking to ensure it comply with GTTR requirement.

3. Unlink importers certification

For importers

c. Usage

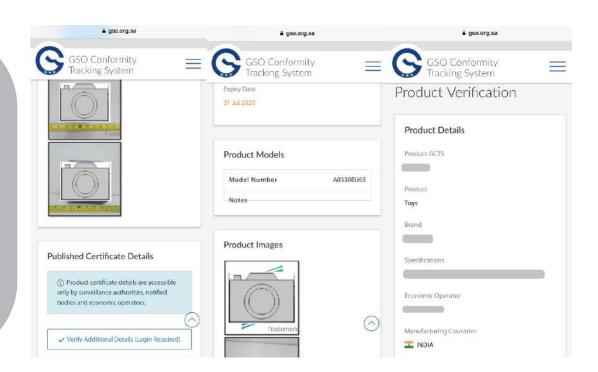
GCTS mark consists of the G mark, notified body code and also the QR code. When scanning the QR code by any mobile phone or scanner, users can check the information of the toy through the GSO certificate tracking system.





d. After scanning the QR code, the below screen can be seen in the scanner.

- Product information including name, model number, description on function, country of origin.
- Manufacturer identity
- Product photo
- Information of the certification body
- Expiry date of the certification



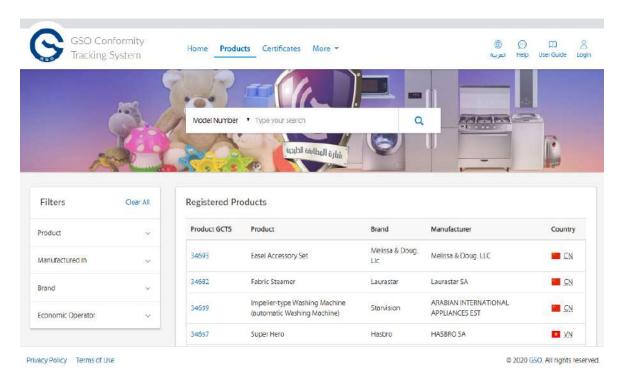
e. How to use the information

- With the information show in the GCTS site, users can check whether this product match the characteristic show in GCTS site. If everything matches, it can prove the toy has gone through the conformity assessment procedures and meet all safety requirements.
- If there is any unclear, it can also trace back to the notified body for further clarification.
- 2. To use the Certificate Tracking system to track the compliance of a toy

Information of the product can be entered directly into the search field on the GCTS portal webpage of the GSO (https://www.gso.org.sa/gcts/)

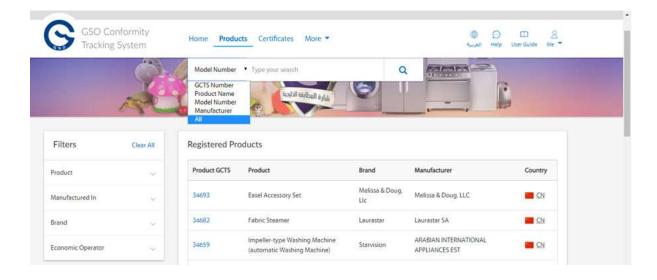


For Example: Model Number

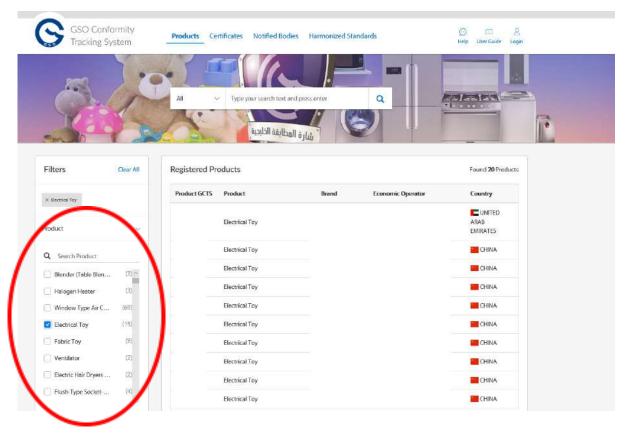


On GSO portal it is possible to use the search field to run different searches:

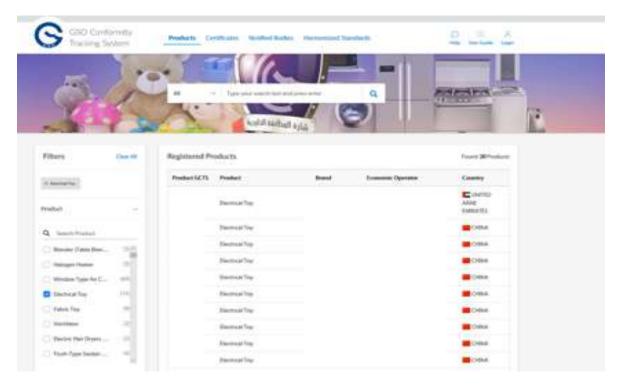
- All: a generic search in all GCTS numbers, Products, Models and Economic Operator
- GCTS No Product Name Model No. Manufacturer



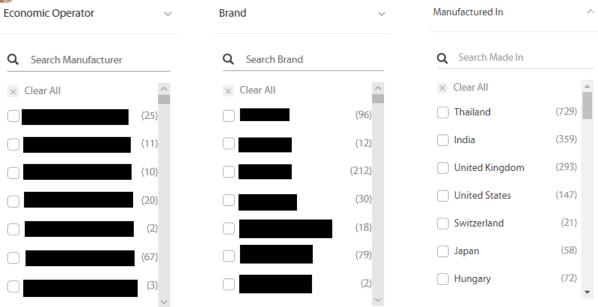




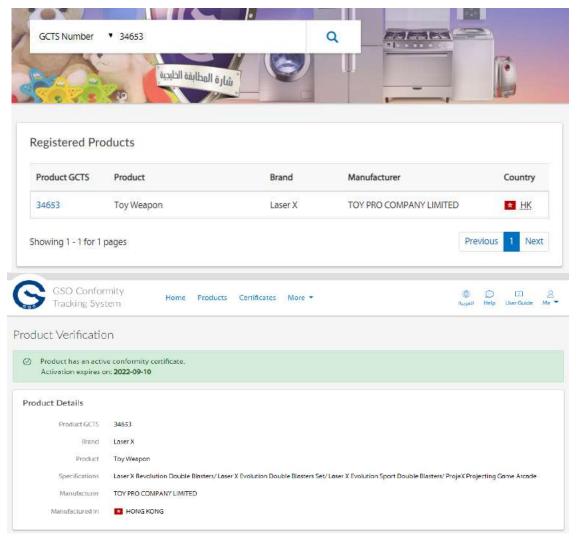
Filters are also available on the left side to filter and find a certificate or product: Certificates can be filtered by: Product, Manufactured In, Brand, and Economic Operator





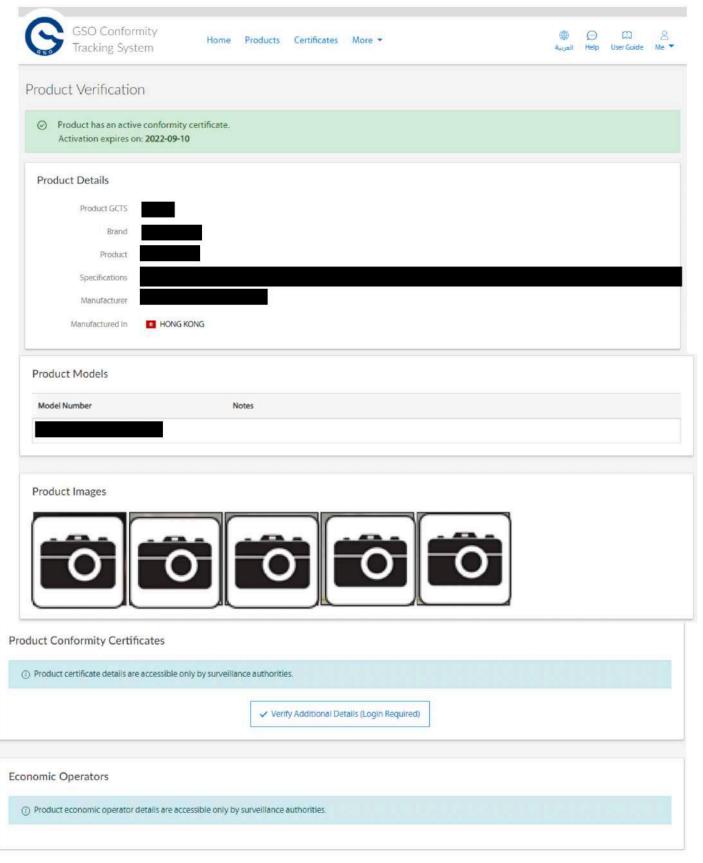


After finding the certificate, click on GCTS number to access the Product Conformity Tracking page:













3. Information in the Certificate Tracking System

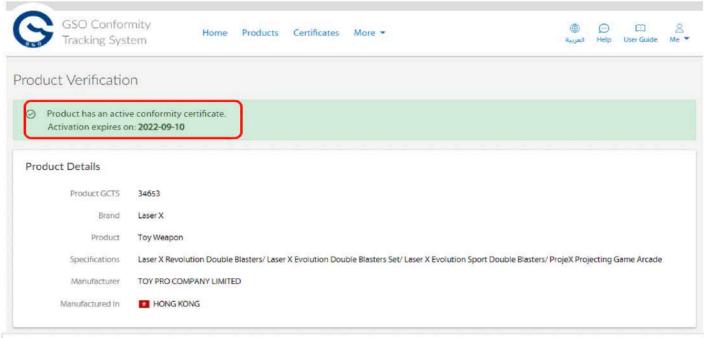
Scanning the QR code or through GSO portal it is possible to see information regarding the product and information regarding the certificate validity and its status.

The following details need to be checked:

- product name,
- trademark,
- model no.,
- · country of origin,
- photos,
- · activation expiry date,
- certificate status.

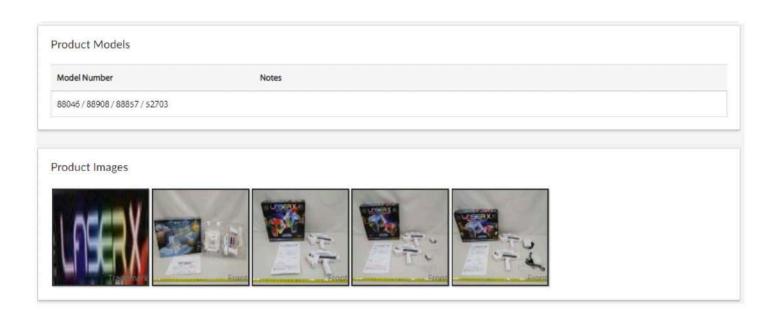
ACTIVE AND VALID CERTIFICATES

Certificate approved by NB and GSO and registered on GSO certificate tracking system. The System shows certificate details and registration expiry date. The function "view additional details" is available only for surveillance and customs authorities that received login details from GSO.









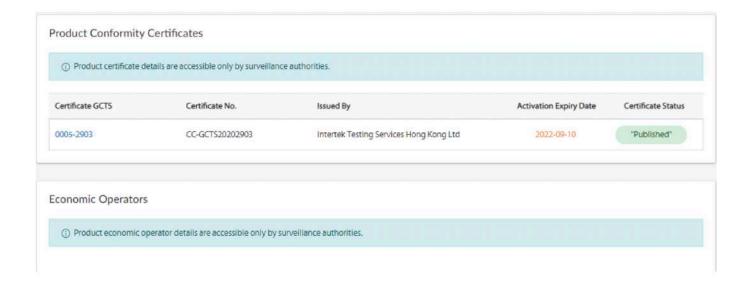


Click on "Login"

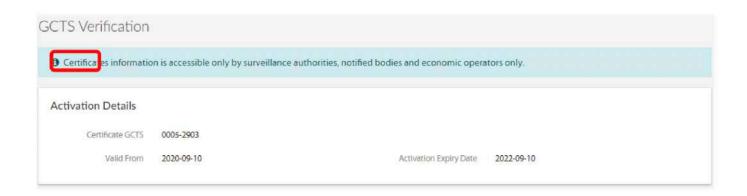




The system shows information regarding the economic operator (manufacturer or authorized representative owner of the certificate) and Notified Body who issued the certificate.



Click on the Certificate GCTS number, then you can check the details of the certificate.







Certificate Expiry Date

Certificate Status Date

Category

2025-09-10

2020-09-10

Tools & Props



Certificate Details

Certificate Number

CC-GCTS20202903

Certificate First Issue Date

2020-09-10

Certificate Status

Published

Technical Regulation

Children Toys Weapons

Scope

Certificate

▲ download certificate

Notified Body Details

NB No.

0005

Notified Body Name

Intertek Testing Services Hong Kong Ltd

Country

HONG KONG

Product Details

Product GCTS.

Product

Toy Weapon

Brand

Laser X

34653

HS Code

95030073

Manufacturer

EO No.

13644

Economic Operator Name

TOY PRO COMPANY LIMITED

Country

HONG KONG

City

HONG KONG

Factory

EO No. 13644

Economic Operator Name

TOY PRO COMPANY LIMITED

Country

HONG KONG

City

HONG KONG



How to check technical document

a. Certificate

- Usually there are 3 different certificates for toys
- 1. GC type examination certificate

When essential in GTTR do not addressed by Gulf toy standard or toy not conform entirely to Gulf standards. Notified body certifies the toy according to annex IV of GTTR.

- 2. Shipment certificate for unlink importers. Notified body certify the shipment for unlink importer in GCC according to annex V of GTTR.
- 3. GCTS certificate.

b. Test Reports

Only ISO/IEC 17025 accredited laboratory test report are accepted.
 Laboratories shall be accredited by GAC or accredited bodies with ILAS status.
 Below are examples of the accredited bodies





UKAS of UK





HOKLAS of Hong Kong





- Test reports should have the accreditation marks as shown. If there is unsure about the status of the accreditation bodies or the laboratories accreditation scope, it can be check on the web site.
- Not all the test items in every laboratories are accredited. As a minimum, EN71-1, 2, 3 and IEC/EN 62115 tests report should be the accredited test items of the acceptable laboratories.
- Test report shall be within 3 years and all standards version are updated or at least the version before latest one.
- All test reports shall have a unique report number.
- Test reports shall have a firm conclusion that the entire requirement in the standard tested are fulfilled. Be careful to read the remarks of the reports.
- Whenever there is a conclusion, there shall be test results for validation found inside the reports.
- Test reports shall have the signatory by the authorized personal of the laboratories.
- The identification of the products include name, item number and photo shall match with the actual product examined.
- Be careful reading the test conducting dates. Whether the samples were tested at one time or tested in several submissions. If such, ensure the quality of the products are consistence.
- There shall be no sign of correction in test reports. Font size, font types are consistence through the report.
- When there is doubt, consult the issuance laboratories for validation.
- Declaration of Conformity (DoC)
- According to GTTR, after completed all the conformity assessment procedures and ensure the toys in compliance with the GTTR safety requirement, manufacturers and importers shall issue declaration of conformity (DoC). Normally, there shall be two DoC for every toy products. The manufacturer's DoC and the importer's DoC.

Below are the formats of the DoC





MANUFACTURER CONFORMITY DECLARATION OF TOYS

D	eclaration of Conform	ity	الإقرار بالمطابقة
1. 2.	No (unique identification of the toy(s)) Name and address of the manufacturer or		 الرقم. (التعريف الوحيد للعبة أو اللعب) اسم وعنوان الصائع أو ممثله الرسمي
3.	his authorized representative. This declaration of conformity is issued under the sole responsibility of the		 تم إصدار هذا الإقرار تحت المسئولية الكاملة للصائع:
4.	manufacturer: Object of the declaration (identification of toy allowing traceability). It shall include a colour image of sufficient clarity to enable		 موضوع الإقرار (تعريف اللعبة مع توفير معطيات التتبعية). يجب إرفاق صورة بالألوان واضحة بما فيه الكفاية للتعريف باللعبة
5.	the identification of the toy. The object of the declaration described in point 4 is in conformity with the relevant Community harmonisation legislation:		مستريف بالنعب. 5. موضوع الإقرار المبين في الفقرة 4 مطابق لمتطلبات اللوائح الفنية الخليجية:
6.	References to the relevant standards used, or references to the specifications in relation to which conformity is declared.		 مراجع المواصفات القياسية الخليجية، أو مراجع المتطلبات القنية المستخدمة في الاقرار بالمطابقة.
7.	The notified body name &, number, description of intervention, Module used & certificate issued		 اسم الجهة المقبولة ورقمها(إذا لزم)، تحديد نطاق تدخلها، إجراء تقويم المطابقة المستخدم والشهادة الصادرة
8.	Additional information:		عنها 8. معطيات إضافية:
Sign	ned for and on behalf of:		موقّع من طرف وبتفويض عن:
	(place and date of issue)		(مكان وتاريخ الإصدار)
	(name, function)		(الاسم، الوظيفة)
	(signature)		(التوقيع)

IMPORTER CONFORMITY DECLARATION OF TOYS

D	eclaration of confo	rmity	الإقرار بالمطابقة
1.	Name and address of the importer declaring compliance of the product:		 اسم وعنوان المستورد المستول عن إصدار الإقرار بمطابقة اللعب
2.	Identification of the toys covered by the declaration		 تعريف اللعب المشمولة بالإقرار يجب توفير أرقام التعريف الكافية لتحديد
	Provide detailed determinant to identify all items covered by this		كل اللعب المشمولة بالإقرار وتمبيزها عن غيرها
	declaration and no others.		
3.	References to the gulf product safety regulations and relevant standards to which conformity is declared.		 مراجع اللوائح الفنية الخليجية والمواصفات القياسية الخليجية التي يُشهد بالمطابقة معها
4.	This declaration of conformity is		 أصدرت هذه الشهادة تحت المسئولية
	issued under the sole responsibility of the Impoter.		الكاملة للمستورد.
5.	Toys described in point 2 are in conformity with the gulf product safety regulations and the relevant standards refered to in point 3		 اللعب المبيئة في الفقرة 2 مطابقة مع اللواتح الفنية الخليجية والمواصفات القياسية الخليجية المشار إليها في الفقرة 3
6.	The notified body on whose Conformity Assessment Pprocedure	Na	 اسم الجهة المقبولة المتدخلة (إذا لزم) ورقمها، تحديد إجراءات تقويم المطابقة المنجزة، والشهادة الصادرة عنها.
	(CAP) the certificate depends: name &, number, description of CAP,& certificate issued		المنجرة، والشهادة الصنائرة عقها.
7.	Additional information		7. معطيات إضافية:
Sig	ned for and on behalf of:		موقّع من طرف وبتفويض عن:
	(place and date of issue)		(مكان وتاريخ الإصدار)
	(name, function)		(الاسم، الوظيفة)
	(signature)		(التوقيع)



c. Other Technical Document of Toys

Below is the technical document list of manufacturers according to GTTR

Section	Required Technical Documentation referred to in Article 21 of the directive	Document / File name
Annex IV (a)	Product Specification, including : Color image of the toy Description of intended function/operation/performance Age grading	
	Packaging specification : Artwork of packaging Artwork of instruction, manual and other leaflet	
	Manufacturing drawings, for example, conceptual design drawing, engineering drawing, parts drawing, explode diagram, circuit diagram, any explanation of the draw	
	Description of manufacturing process, including process flow charts and/or descriptions	
	Bill of material and Part list with following information: Part description Part number Supplier Material / Chemical name as appropriate CAS no. if available Quantity used	
	Supplier list	
	Safety datasheets of hazardous chemicals used, if applicable	
Annex IV (b)	Safety assessment report	
Annex IV (c) & (e)	First party conformity assessment / Third party verification List of harmonized standards applied to the toy List of other relevant standards applied to the toy Notified body verification/EC type examination used and the justification Internal production control (e.g. QA/QC and IQC plan) as appropriate	
	The addresses of the places of manufacture and storage	
Annex IV (d)	A copy of the EC declaration of conformity	
Annex IV (g)	Test reports	
Annex IV (f) & (h)	 Copies of documents that the manufacturer has submitted to a notified body, if available Copy of the EC type-examination certificate, if available 	

The above document required only those directly related to the toy. General company policy or quality system document, etc. is not required.





For any inquiries or suggestions related to the guide, you can contact:

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