



**DATASHEET for TRADE Conformity Assessment of Low Voltage (LVD) and Children TOYS AS PER GSO TECHNICAL REGULATIONS**



This data sheet has been prepared specifically in respect of exports to the GSO Member States

**1. PRODUCT CONFORMITY ASSESSMENT MANDATE**

PROGRAM NAME	Gulf Conformity Tracking System (GCTS)
PROGRAM MANDATED BY	GCC Standardization Organization (GSO)
IMPLEMENTATION DATE	LVD: 1 July 2016. For the full copy of the regulation <a href="#">click here</a> Toys: for the full copy of the Toys regulation <a href="#">click here</a> Additional Requirement of GCTS is introduced on 1 July 2016 mandatory since 1 April 2017.
PROGRAMME SCOPE	<ul style="list-style-type: none"><li>• Assess the adequacy of designs of the regulated products and their compliance with the implemented GSO regulations.</li><li>• Issuance of the Gulf Type Examination Certificate(s).</li><li>• Issuance of Verification of Conformity Certificate(s).</li><li>• Registering the products on GCTS (Gulf Conformity Tracking System).</li></ul>
ASSESSMENT METHODS	<ul style="list-style-type: none"><li>• Designs verification</li><li>• Sample verification.</li><li>• Documentary verification</li></ul>
FORMS OF ATTESTATION	<ul style="list-style-type: none"><li>• Gulf Type Examination for complying LVD.</li><li>• Gulf Type Examination Certificate for Toys complying with GSO technical regulation.</li><li>• Certificate of Conformity (for complying toys shipped to GCC from unlinked importers).</li><li>• Gulf Conformity Tracking Symbol (GMARK with QR Coode) to be affixed on the product(s), their packages and/or instruction manuals (as per the regulation requirements).</li></ul>
PURPOSE OF ATTESTATION	<ul style="list-style-type: none"><li>• The GCTS will be checked by clearance authorities and market surveillance to assess the compliance of the products</li></ul>



## 2. SPECIAL REQUIREMENTS

TESTING	<p><b>Test reports:</b> only test reports from the following entities will be considered:</p> <ul style="list-style-type: none"><li>• GSO Notified Body Laboratories.</li><li>• IECEE CBTL laboratory (for LVD).</li><li>• In-house laboratory that is ISO17025 accredited lab and in accordance with Article 22 of the GSO regulations.</li></ul>
STANDARDS	<p><b>Applicable standards:</b></p> <ul style="list-style-type: none"><li>• GSO approved standards can be found on: <a href="https://www.gso.org.sa/harmonized-standards/">https://www.gso.org.sa/harmonized-standards/</a></li></ul>
CERTIFICATION ISSUANCE	<p><b>Documents required for CoC issuance:</b></p> <ul style="list-style-type: none"><li>• Application Form</li><li>• Declaration that the application is lodged to 1 Notified Body only.</li><li>• List of Products</li><li>•</li><li>• Specimen(s) as required.</li><li>• Art works and manuals.</li><li>• Technical Documents (as per the regulations)</li><li>• Test reports according to the approved GSO standards list.</li><li>• Management Systems of the Manufacturing site (conforming with the relevant Gulf or ISO standards)</li></ul> <p><b>Other documents:</b> when applicable and/or relevant, the following documents may also be requested:</p> <ul style="list-style-type: none"><li>• Copies of accreditations from the laboratory where testing was performed.</li><li>• Authorization letter for the Authorized Representative.</li><li>• Commercial Record of both Applicant and Manufacturer (Brand Owner).</li></ul>
Markings and Language requirements	<ul style="list-style-type: none"><li>• Traceability information – the brand name, registered trade name or trademark, the country of origin, model or type reference.</li><li>• Manufacturer (Brand Owner) full details with contact point (on the label).</li><li>• GCTS (G Mark with QR Barcode) on the product, package, the manuals (optional).</li><li>• The GCTS shall be provided after finalizing the process by GSO to the notified body.</li><li>• Starting from April 2017 onwards, GCTS (G Mark and QR Barcode) should be placed on the product and its packages.</li><li>• All Safety instructions and warnings should be (in Arabic</li></ul>



mandatory and English is Optional).

### 3. Fees

- Fees are billed as per level of intervention of **FAHES** in the conformity assessment procedure.
- The fees can cover:
  - ❖ The Documentary verification.
  - ❖ GSO registration fees (GCTS)
  - ❖ Verification of design.
  - ❖ The Issuance of Gulf Type Examination.
  - ❖ The Application Review fees.

### 4. Children Toys Regulated Products:

Children toys or toys: Products designed or intended, whether or not exclusively for use in play by children under 14 years of age.

### 5. Low Voltage Electrical Regulated Product:

Category	Scope	Products	
		Regulated	Regulated
		<ul style="list-style-type: none"><li>• Ceiling fans.</li><li>• Pedestal fans.</li><li>• Tower fans.</li><li>• Table fans.</li><li>• Wall fans.</li><li>• Floor standing fans.</li></ul>	<ul style="list-style-type: none"><li>• Air purifiers / Dehumidifier.</li><li>• Appliances for changing temperature and humidity.</li><li>• Evaporative air coolers.</li><li>• Mist fans.</li><li>• Air curtains.</li><li>• Exhaust fans for non-household use.</li><li>• Mini sirocco fans.</li></ul>



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1. Household electrical fans	Electrical Fans	<ul style="list-style-type: none"> <li>• Box fans.</li> <li>• Air mover / blower fan, only for household use.</li> <li>• Duct fans, only for household use.</li> <li>• Partition fans.</li> </ul> Exhaust fans, only for household use	<ul style="list-style-type: none"> <li>• Fans for cooling electric equipment.</li> <li>• Roof-top fans.</li> <li>• Range hoods.</li> <li>• Fans to be incorporated in other applications/appliances.</li> </ul> Appliances intended exclusively for industrial purpose and high-pressure centrifugal fans
2. Household refrigerators, freezers and other refrigerating or freezing equipment	Refrigerating appliances	Household refrigerating appliances: <ul style="list-style-type: none"> <li>• Single door refrigerators &amp; Combined.</li> <li>• Refrigerator-freezers not exceeding 900 liters capacity.</li> <li>• Double door or multi-door refrigerators combined.</li> <li>• Refrigerator-freezers not exceeding 900 liters capacity.</li> <li>• Mini fridges and beverage coolers, for household use only.</li> <li>• Chest freezers not exceeding 800 liters capacity.</li> </ul> Upright freezers not exceeding 900 liters capacity.	<ul style="list-style-type: none"> <li>• Ice makers.</li> <li>• Ice-cream appliances.</li> <li>• Water coolers and other cooling appliances.</li> <li>• Refrigerating appliances exceeding 900 liters capacity.</li> <li>• Chest freezers exceeding 800 liters capacity.</li> <li>• Refrigerators and freezers used for the display of food products, including beverages, for retail sale.</li> <li>• Dispensing appliances and vending machines.</li> <li>• Refrigerating appliances for laboratory and/or medical use.</li> <li>• Refrigerating appliances for industrial use.</li> <li>• Appliances powered by dc extra low voltage supply (e.g. In a car) and/or incorporating a battery Intended as a power supply for the refrigerating function.</li> <li>• Non-household appliances assembled on site by the installer.</li> <li>• Appliances with remote motor-compressors.</li> </ul> Motor-compressors as parts for refrigerators.
3. Household clothes dryers and clothes washing machines, including machines which both wash and dry	Tumble dryers	<ul style="list-style-type: none"> <li>• Machines with dry linen capacity not exceeding 10 kg:</li> <li>• Electric tumble dryers.</li> <li>• Electric washing machines (fully, semi-automatic or manual control) of any type (drum, impeller, front loading, top loading).</li> </ul>	<ul style="list-style-type: none"> <li>• Machines with dry linen capacity exceeding 10 kg.</li> <li>• Clothes dryers, other than tumble dryers and spin extractors.</li> <li>• Electrically heated towel rails.</li> <li>• Laundromat washers and dryers.</li> <li>• Dry-cleaning machines.</li> <li>• &gt; Dishwashers.</li> </ul> Appliances intended for commercial and for industrial purpose.
	Spin extractors		
	Clothes washing machines		



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	Washer dryers	<ul style="list-style-type: none"> <li>Washing machines incorporating a spin extractor or drying function.</li> </ul> <p>Spin extractors</p>	
4. Household food grinders and mixers, fruit or vegetable juice extractors	Food grinders, mixers, fruit and vegetable juice extractors	<ul style="list-style-type: none"> <li>Food grinders.</li> <li>Mincers.</li> <li>Food mixers.</li> <li>Centrifugal juicers and slow juicers.</li> <li>Citrus-fruit squeezers.</li> <li>Berry-juice extractors.</li> <li>Blenders.</li> <li>Coffee mills.</li> <li>Grain grinders.</li> <li>Multifunctional food processors and kitchen machines, only for household use.</li> <li>Cream whippers.</li> </ul> <p>Eggbeaters</p>	<ul style="list-style-type: none"> <li>Graters.</li> <li>Bean slicers.</li> <li>Shredders.</li> <li>Choppers without food mixing or blending functions.</li> <li>Slicing machines.</li> <li>Can openers.</li> <li>Knife sharpeners.</li> <li>Knives.</li> <li>Ice-cream appliances, including those for use in refrigerators and freezers; or those with incorporated motor compressors.</li> <li>Potato peelers.</li> <li>Milk frothers.</li> <li>Noodle makers.</li> <li>Food waste disposers.</li> <li>Churns.</li> <li>Sieving machines.</li> <li>Kitchen machines intended for commercial purposes.</li> <li>Kitchen machines intended for industrial purposes.</li> <li>Sweet ball makers</li> </ul> <p>Car-portable grinders and coffee heaters</p>
5. Household toasters	Toasters	<ul style="list-style-type: none"> <li>Bread toasters for household and similar use; (vertical and/or horizontal heating).</li> <li>Sandwich toasters.</li> <li>Oven toasters.</li> </ul> <p>Combination toasters.</p>	non-household use toasters
		<ul style="list-style-type: none"> <li>Hairdryers.</li> <li>Hair straighteners.</li> <li>Curling irons.</li> <li>Curling rollers with separate heaters, only for household use.</li> </ul>	<ul style="list-style-type: none"> <li>Facial saunas.</li> <li>Shavers, hair clippers and similar appliances.</li> <li>Hair removers, epilators.</li> <li>Appliances for skin exposure to optical radiation.</li> <li>Cosmetic and beauty care appliances incorporating lasers and intense light sources.</li> <li>Pedicure, manicure appliances.</li> <li>Hand towel or hand soap dispensers.</li> </ul>



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<p>6. Household electro-thermic hairdressing, skin apparatus and hand dryers</p>	<p>Hairdressing or hand drying apparatus</p>	<ul style="list-style-type: none"> <li>• Heaters for detachable</li> <li>• curlers, only for household use.</li> <li>• Curling combs.</li> <li>• Hand dryers.</li> </ul> <p>Appliances covered by this category may incorporate ion-producing (ionizer) devices.</p>	<ul style="list-style-type: none"> <li>• Helmet type hair drying apparatus for use in</li> <li>• hairdressing salons.</li> <li>• Permanent wave</li> <li>• appliances, curling rollers with separate heaters, heaters for detachable curlers etc. Or use in hair dressing salons.</li> <li>• Animal clippers, animal shearers.</li> <li>• Blankets, pads, clothing and similar flexible heating appliances.</li> <li>• Electric body dryers.</li> <li>• Appliances intended for medical purposes.</li> </ul> <p>Appliances exclusively intended for commercial use.</p>
<p>7. Household electric heating apparatus</p>	<p>Room heaters</p>	<ul style="list-style-type: none"> <li>• Fan heaters.</li> <li>• Liquid-filled radiators.</li> <li>• Radiant heaters.</li> <li>• Panel heaters.</li> <li>• Convector heaters.</li> <li>• Tubular heaters.</li> <li>• Heaters for use in greenhouses, only for domestic use.</li> <li>• Ceiling mounted heat lamp appliances.</li> </ul> <p>Electric space heaters</p>	<ul style="list-style-type: none"> <li>• Cab heaters.</li> <li>• Heaters intended for the heating of caravans.</li> <li>• Heaters for use in greenhouses, other than those for domestic use.</li> <li>• Blankets, pads, clothing and similar flexible heating appliances.</li> <li>• Foot warmers and heating mats.</li> <li>• Heating appliances for breeding and rearing animals.</li> <li>• Flexible sheet heating elements for room heating.</li> <li>• Heated carpets.</li> <li>• Thermal-storage room heaters.</li> <li>• Heaters for saunas.</li> <li>• Electric incense burners.</li> <li>• Electrically heated towel rails.</li> <li>• Appliances where heat is generated by other means than electricity (e.g. gas, kerosene burners), also those with electrical connections.</li> <li>• Heaters built into air-conditioners.</li> <li>• Central heating systems.</li> <li>• Heating cables.</li> <li>• Appliances intended exclusively for industrial purposes</li> </ul>
<p>8. Household microwave ovens</p>	<p>Microwave ovens</p>	<ul style="list-style-type: none"> <li>• Microwave ovens.</li> </ul> <p>Combination microwave ovens.</p>	<ul style="list-style-type: none"> <li>• Non-household microwave ovens (commercial, industrial, microwave for laboratories).</li> </ul> <p>Parts of microwaves ovens.</p>



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9. Household ovens, cookers, cooking plates, boiling rings, grillers and roasters	Stationary cooking ranges, hobs, ovens and similar appliances	<ul style="list-style-type: none"> <li>Electrical stationary cooking ranges, hobs, ovens and similar appliances.</li> </ul> Mixed gas/electric cooking appliances including electric heating elements (e.g. gas range with electric oven).	<ul style="list-style-type: none"> <li>Gas cooking ranges without electrical heating elements, also those with electrical connection for ignition, fan and lamp etc.</li> <li>Barbecues for outdoor use</li> <li>Deep fat fryers</li> <li>Appliances for boiling water for human consumption and similar appliances, such as kettles, hot water dispensers and other appliances for boiling water</li> <li>Coffee and tea makers.</li> </ul>
	Grills and similar portable cooking appliances		
10. Household cooking appliances	Warming plates and similar appliances	Grills, roasters, hot plates, cookers, boilers, table-top ovens, air fryers, waffle irons, pancake makers, bread makers and similar portable cooking or baking appliances. <ul style="list-style-type: none"> <li>Frying pans, woks and other certain appliances in which a limited amount of oil is used for cooking.</li> <li>Steam cookers, slow cookers, rice cookers, egg boilers and other certain cooking appliances employing heating of liquids.</li> <li>Warming plates and similar appliances.</li> <li>Soymilk makers.</li> <li>Yoghurt makers</li> </ul>	<ul style="list-style-type: none"> <li>Samovars</li> <li>Feeding-bottle heaters</li> <li>milk heaters.</li> <li>pop-corn makers.</li> <li>coffee roasters.</li> <li>candy floss makers.</li> <li>food dehydrators.</li> <li>electric charcoal starters.</li> <li>appliances intended to be used professionally to process food in restaurants, catering and similar.</li> <li>appliances intended for industrial food production.</li> </ul>
	Deep fat fryers, frying pans and similar appliances		
	Appliances for heating liquids		
	Gas, oil and solid fuel burning appliances having electrical connections		
	Instantaneous water heaters	<ul style="list-style-type: none"> <li>The following appliances intended for heating water below boiling temperature:</li> <li>Electric instantaneous water heaters.</li> </ul>	<ul style="list-style-type: none"> <li>Electric storage water heaters having a capacity exceeding 200 liters.</li> <li>Appliances for heating water to boiling temperature, such as kettles, hot water dispensers, tea makers etc.</li> <li>Commercial dispensing appliances and vending machines.</li> <li>Aquarium heaters.</li> </ul>



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11. Household electric instantaneous or storage water heaters and immersion heaters	Storage water heaters	<ul style="list-style-type: none"> <li>• Electric storage water heaters, of</li> <li>• a capacity 200 liters or less.</li> <li>• Fixed electric immersion heaters intended for</li> <li>• installation in a water tank open to the atmosphere.</li> <li>• Portable electric immersion heaters intended for heating of small amounts of water directly in a suitable vessel such as a cup or can</li> </ul>	<ul style="list-style-type: none"> <li>• Waterbed heaters.</li> <li>• Non-household portable immersion heaters and industrial use appliances.</li> <li>• Engine preheaters such as those for cars and buses.</li> <li>• Water heaters without electrical heat source (e.g. gas-fired or solar thermal), also if provided with electrical connection for ignition, control etc.</li> <li>• Heating elements incorporated in portable appliances.</li> </ul> <p>Industrial purposes water heaters.</p>
	Fixed immersion heaters		
	Portable immersion heaters		
12. Electric smoothing irons	Electric irons	<p>Electric dry irons and steam irons, including those with a separate water reservoir or</p> <ul style="list-style-type: none"> <li>• boiler</li> </ul> <p>Electric fabric steamers.</p>	<p>&gt; Electric ironers; <u>for example</u>,</p> <ul style="list-style-type: none"> <li>• Ironing presses for one-person operation.</li> <li>• Mangles.</li> <li>• Rotary ironers for one-person operation.</li> <li>• Trouser presses.</li> <li>• Steam cleaners.</li> <li>• Vacuum ironing boards.</li> <li>• Steam press machines.</li> <li>• Rotary irons operated by more than one person.</li> <li>• Appliances for commercial use in laundry shops or</li> <li>• similar.</li> </ul> <p>Appliances for industrial and similar use.</p>
	Ironers		
	Fabric steamers		
		<ul style="list-style-type: none"> <li>• Plugs for electric supply connection, rewirable or non-rewirable.</li> </ul>	<ul style="list-style-type: none"> <li>• Power cords and cables.</li> <li>• Power cord sets.</li> <li>• Cable drums / cord reels.</li> </ul>





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<p>13. Household Plugs, Socket outlets, Adaptors, Cord Extension Sets and chargers</p>	<ul style="list-style-type: none"> <li>• Plugs and socket- outlets.</li> <li>• Adaptors</li> <li>• Cord extension sets.</li> </ul> <p>Battery chargers</p>	<ul style="list-style-type: none"> <li>• complete with flexible cable.</li> <li>• Socket outlets for fixed wiring, switched or unswitched,</li> <li>• also, those with additional safety extra low voltage power</li> <li>• supply outlets (e.g. USB port for charging).</li> <li>• Portable socket outlets.</li> <li>• Single way adaptors.</li> <li>• Adaptors to convert from a single socket to multiple sockets.</li> <li>• outlets, including when they provide additional functions.</li> <li>• such as switching, timer operation, additional safety.</li> <li>• extra low voltage power supply outlets (e.g. USB port for charging).</li> <li>• Cord extension sets with single or multiple outlets,</li> <li>• switched or unswitched, including those with additional.</li> </ul> <p>safety extra low voltage power</p> <ul style="list-style-type: none"> <li>• supply outlets (e.g. USB port for charging) or additional functions, such as surge protection etc.</li> <li>• Battery chargers for household and similar use to charge.</li> <li>• batteries of standardized format (such AA, AAA cells,</li> <li>• automotive batteries etc.) or</li> </ul>	<ul style="list-style-type: none"> <li>• Plugs, outlets or connectors exclusively for signal transmission</li> <li>• or other use, for example for TV, satellite, audio, video, LAN, telephone etc.</li> <li>• Wiring devices for fixed installation other than those in scope, such as wall switches, dimmers, connection units, fan controllers, wiring compartments etc.</li> <li>• Plugs, outlets or connectors for special applications, such as weatherproof.</li> <li>• Plugs, outlets or connectors for industrial use.</li> <li>• Appliance inlets and AC couplers.</li> <li>• Chargers for mobile phones, tablets, laptop computers, etc.</li> <li>• Power supplies, external or for built-in use in other equipment.</li> <li>• Transformers.</li> <li>• Ballasts or LED drivers or other lamp control gear.</li> <li>• Portable power stations.</li> <li>• Battery chargers for commercial, such as in auto garages etc., or for industrial use.</li> <li>• Electric vehicle chargers.</li> </ul>
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		<p>specific battery packs of</p> <ul style="list-style-type: none"> <li>• NiCd, NiMH, Li-Ion, lead-acid or other types.</li> </ul>	
14. Household air conditioners	Electrical air conditioners	<ul style="list-style-type: none"> <li>• Electric air conditioners incorporating motor compressors and hydronic fan coils units.</li> </ul> <p>Partial units (e.g. indoor / outdoor units shipped separately)</p>	<ul style="list-style-type: none"> <li>• Central air conditioning machines.</li> <li>• air-conditioners designed primarily to provide ducted delivery of conditioned air (single-package or split- system)</li> <li>• Air conditioners for nonresidential applications such as industrial and similar use</li> <li>• Evaporative air coolers.</li> <li>• Heat pumps, (other than to provide delivery of conditioned air for heating), including sanitary hot water heat pumps.</li> <li>• multiple split-systems utilizing one or more outdoor units and one or more indoor units.</li> <li>• Dehumidifiers.</li> <li>• Air purifiers.</li> <li>• Fans to be incorporated in air conditioning equipment.</li> <li>• Supplementary heaters to be incorporated in air conditioning equipment.</li> <li>• Humidifiers intended for use with heating and cooling equipment.</li> </ul> <p>Automotive air conditioners.</p>

## 5. Exempted products

### Equipment and phenomena outside the scope of this LVE technical regulation (As per Annex 2)

- Electrical equipment for use in an explosive atmosphere
- Electrical equipment for radiology and medical purposes
- Electrical parts for goods and passenger lifts
- Electricity meters
- Electric fence controllers
- Radio-electrical interference
- Specialized electrical equipment, for use on ships, aircraft or railways, which complies with the safety provisions drawn up by International Bodies in which the Member States participate.

### Products not included in Children's Toy Scope:

- Decorative objects for festivities and celebrations
- Products for collectors are intended for users over 14 years of age.
- Sports equipment



- Scooters used to travel on public roads.
- Electric vehicles
- Aquatic equipment intended to be used in deep water.
- Puzzles with more than 500 pieces
- Guns and pistols using compressed gas.
- Fireworks and games using sharp pointed missiles.
- Functional education products
- Products intended to be used for educational purposes.
- Electronic equipment
- Interactive software
- Babies soothers
- Child-appealing luminaires
- Electrical transformers for toys
- Fashion accessories for children which are not for use in play
- Bicycles with a maximum saddle height of 435 mm

#### 4. CONTACT INFORMATION

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