



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

2. SPECIAL REQUIREMENTS



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



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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
1. Household electrical fans	Electrical Fans	<ul style="list-style-type: none"> • Ceiling fans. • Pedestal fans. • Tower fans. • Table fans. • Wall fans. • Floor standing fans. • Box fans. • Air mover / blower fan, only for household use. • Duct fans, only for household use. • Partition fans. Exhaust fans, only for household use	<ul style="list-style-type: none"> • Air purifiers / Dehumidifier. • Appliances for changing temperature and humidity. • Evaporative air coolers. • Mist fans. • Air curtains. • Exhaust fans for non-household use. • Mini sirocco fans. • Fans for cooling electric equipment. • Roof-top fans. • Range hoods. • Fans to be incorporated in other applications/appliances. Appliances intended exclusively for industrial purpose and high-pressure centrifugal fans
		Household refrigerating appliances:	<ul style="list-style-type: none"> • Ice makers. • Ice-cream appliances. • Water coolers and other cooling appliances. • Refrigerating appliances exceeding 900 liters capacity. • Chest freezers exceeding



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2. Household refrigerators, freezers and other refrigerating or freezing equipment	Refrigerating appliances	<ul style="list-style-type: none"> • Single door refrigerators & Combined. • Refrigerator-freezers not exceeding 900 liters capacity. • Double door or multi-door refrigerators combined. • Refrigerator-freezers not exceeding 900 liters capacity. • Mini fridges and beverage coolers, for household use only. • Chest freezers not exceeding 800 liters capacity. • Upright freezers not exceeding 900 liters capacity. 	<ul style="list-style-type: none"> • 800 liters capacity. • Refrigerators and freezers used for the display of food products, including beverages, for retail sale. • Dispensing appliances and vending machines. • Refrigerating appliances for laboratory and/or medical use. • Refrigerating appliances for industrial use. • 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. • Non-household appliances assembled on site by the installer. • Appliances with remote motor-compressors. <p>Motor-compressors as parts for refrigerators.</p>
3. Household clothes dryers and clothes washing machines, including machines which both wash and dry	Tumble dryers	<ul style="list-style-type: none"> • Machines with dry linen capacity not exceeding 10 kg: • Electric tumble dryers. • Electric washing machines (fully, semi-automatic or manual control) of any type (drum, impeller, front loading, top loading). • Washing machines incorporating a spin extractor or drying function. <p>Spin extractors</p>	<ul style="list-style-type: none"> • Machines with dry linen capacity exceeding 10 kg. • Clothes dryers, other than tumble dryers and spin extractors. • Electrically heated towel rails. • Laundromat washers and dryers. • Dry-cleaning machines. • ➤ Dishwashers. <p>Appliances intended for commercial and for industrial purpose.</p>
	Spin extractors		
	Clothes washing machines		
	Washer dryers		
		<ul style="list-style-type: none"> • Food grinders. • Miners. • Food mixers. • Centrifugal juicers and slow juicers. 	<ul style="list-style-type: none"> • Graters. • Bean slicers. • Shredders. • Choppers without food mixing or blending functions. • Slicing machines. • Can openers. • Knife sharpeners. • Knives.



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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"> • Citrus-fruit squeezers. • Berry-juice extractors. • Blenders. • Coffee mills. • Grain grinders. • Multifunctional food processors and kitchen machines, only for household use. • Cream whippers. Eggbeaters	<ul style="list-style-type: none"> • Ice-cream appliances, including those for use in refrigerators and freezers; or those with incorporated motor compressors. • Potato peelers. • Milk frothers. • Noodle makers. • Food waste disposers. • Churns. • Sieving machines. • Kitchen machines intended for commercial purposes. • Kitchen machines intended for industrial purposes. • Sweet ball makers Car-portable grinders and coffee heaters
5. Household toasters	Toasters	<ul style="list-style-type: none"> • Bread toasters for household and similar use; (vertical and/or horizontal heating). • Sandwich toasters. • Oven toasters. Combination toasters.	non-household use toasters
6. Household electro-thermic hairdressing, skin apparatus and hand dryers	Hairdressing or hand drying apparatus	<ul style="list-style-type: none"> • Hairdryers. • Hair straighteners. • Curling irons. • Curling rollers with separate heaters, only for household use. • Heaters for detachable curlers, only for household use. • Curling combs. • Hand dryers. Appliances covered by this category may incorporate ion-producing (ionizer) devices.	<ul style="list-style-type: none"> • Facial saunas. • Shavers, hair clippers and similar appliances. • Hair removers, epilators. • Appliances for skin exposure to optical radiation. • Cosmetic and beauty care appliances incorporating lasers and intense light sources. • Pedicure, manicure appliances. • Hand towel or hand soap dispensers. • Helmet type hair drying apparatus for use in hairdressing salons. • Permanent wave appliances, curling rollers with separate heaters, heaters for detachable curlers etc. Or use in hair dressing salons. • Animal clippers, animal shearers. • Blankets, pads, clothing and similar flexible heating appliances. • Electric body dryers. • Appliances intended for medical purposes. Appliances exclusively intended for commercial use.



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7. Household electric heating apparatus	Room heaters	<ul style="list-style-type: none"> Fan heaters. Liquid-filled radiators. Radiant heaters. Panel heaters. Convector heaters. Tubular heaters. Heaters for use in greenhouses, only for domestic use. Ceiling mounted heat lamp appliances. <p>Electric space heaters</p>	<ul style="list-style-type: none"> Cab heaters. Heaters intended for the heating of caravans. Heaters for use in greenhouses, other than those for domestic use. Blankets, pads, clothing and similar flexible heating appliances. Foot warmers and heating mats. Heating appliances for breeding and rearing animals. Flexible sheet heating elements for room heating. Heated carpets. Thermal-storage room heaters. Heaters for saunas. Electric incense burners. Electrically heated towel rails. Appliances where heat is generated by other means than electricity (e.g. gas, kerosene burners), also those with electrical connections. Heaters built into air-conditioners. Central heating systems. Heating cables. Appliances intended exclusively for industrial purposes
8. Household microwave ovens	Microwave ovens	<ul style="list-style-type: none"> Microwave ovens. <p>Combination microwave ovens.</p>	<ul style="list-style-type: none"> Non-household microwave ovens (commercial, industrial, microwave for laboratories). <p>Parts of microwaves ovens.</p>
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"> Electrical stationary cooking ranges, hobs, ovens and similar appliances. <p>Mixed gas/electric cooking appliances including electric heating elements (e.g. gas range with electric oven).</p>	<ul style="list-style-type: none"> Gas cooking ranges without electrical heating elements, also those with electrical connection for ignition, fan and lamp etc. Barbecues for outdoor use Deep fat fryers Appliances for boiling water for human consumption and similar appliances, such as kettles, hot water dispensers and other appliances for boiling water <p>Coffee and tea makers.</p>
	Grills and similar portable cooking appliances		
10. Household cooking appliances	Warming plates and similar appliances	Grills, roasters, hot plates, cookers, boilers, table-top	<ul style="list-style-type: none"> Samovars Feeding-bottle heaters



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	Deep fat fryers, frying pans and similar appliances	<p>ovens, air fryers, waffle irons, pancake makers, bread makers and similar portable cooking or baking appliances.</p> <ul style="list-style-type: none"> Frying pans, woks and other certain appliances in which a limited amount of oil is used for cooking. Steam cookers, slow cookers, rice cookers, egg boilers and other certain cooking appliances employing heating of liquids. Warming plates and similar appliances. Soymilk makers. Yoghurt makers 	<ul style="list-style-type: none"> milk heaters. pop-corn makers. coffee roasters. candy floss makers. food dehydrators. electric charcoal starters. appliances intended to be used professionally to process food in restaurants, catering and similar. appliances intended for industrial food production.
	Appliances for heating liquids		
	Gas, oil and solid fuel burning appliances having electrical connections		
11. Household electric instantaneous or storage water heaters and immersion heaters	Instantaneous water heaters	<ul style="list-style-type: none"> The following appliances intended for heating water below boiling temperature: Electric instantaneous water heaters. Electric storage water heaters, of a capacity 200 liters or less. Fixed electric immersion heaters intended for installation in a water tank open to the atmosphere. Portable electric immersion heaters intended for heating of small amounts of water directly in a suitable vessel such as a cup or can 	<ul style="list-style-type: none"> Electric storage water heaters having a capacity exceeding 200 liters. Appliances for heating water to boiling temperature, such as kettles, hot water dispensers, tea makers etc. Commercial dispensing appliances and vending machines. Aquarium heaters. Waterbed heaters. Non-household portable immersion heaters and industrial use appliances. Engine preheaters such as those for cars and buses. Water heaters without electrical heat source (e.g. gas-fired or solar thermal), also if provided with electrical connection for ignition, control etc. Heating elements incorporated in portable appliances. Industrial purposes water heaters.
	Storage water heaters		
	Fixed immersion heaters		



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	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"> • boiler <p>Electric fabric steamers.</p>	<p>➤ Electric ironers; <u>for example</u>,</p> <ul style="list-style-type: none"> • Ironing presses for one-person operation. • Mangles. • Rotary ironers for one-person operation. • Trouser presses. • Steam cleaners. • Vacuum ironing boards. • Steam press machines. • Rotary irons operated by more than one person. • Appliances for commercial use in laundry shops or similar. <p>Appliances for industrial and similar use.</p>
	Ironers		
	Fabric steamers		
13. Household Plugs, Socket outlets, Adaptors,	<ul style="list-style-type: none"> • Plugs and socket- outlets. • Adaptors • Cord extension sets. <p>Battery chargers</p>	<ul style="list-style-type: none"> • Plugs for electric supply connection, rewirable or non-rewirable. • complete with flexible cable. • Socket outlets for fixed wiring, switched or unswitched, • also, those with additional safety extra low voltage power • supply outlets (e.g. USB port for charging). • Portable socket outlets. • Single way adaptors. • Adaptors to convert from a single 	<ul style="list-style-type: none"> • Power cords and cables. • Power cord sets. • Cable drums / cord reels. • Plugs, outlets or connectors exclusively for signal transmission or other use, for example for TV, satellite, audio, video, LAN, telephone etc. • Wiring devices for fixed installation other than those in scope, such as wall switches, dimmers, connection units, fan controllers, wiring compartments etc. • Plugs, outlets or connectors for special applications, such as weatherproof. • Plugs, outlets or connectors for industrial use. • Appliance inlets and AC couplers. • Chargers for mobile phones, tablets, laptop computers, etc. • Power supplies, external or for built-in use in other equipment.



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Cord Extension Sets and chargers		<p>socket to multiple sockets.</p> <ul style="list-style-type: none"> • outlets, including when they provide additional functions. • such as switching, timer operation, additional safety. • extra low voltage power supply outlets (e.g. USB port for charging). • Cord extension sets with single or multiple outlets, • switched or unswitched, including those with additional. <p>safety extra low voltage power</p> <ul style="list-style-type: none"> • supply outlets (e.g. USB • port for charging) or additional functions, such as surge • protection etc. • Battery chargers for household and similar use to charge. • batteries of standardized format (such AA, AAA cells, • automotive batteries etc.) or specific battery packs of • NiCd, NiMH, Li-Ion, lead-acid or other types. 	<ul style="list-style-type: none"> • Transformers. • Ballasts or LED drivers or other lamp control gear. • Portable power stations. • Battery chargers for commercial, such as in auto garages etc., or for industrial use. • Electric vehicle chargers.
		<ul style="list-style-type: none"> • Electric air conditioners 	<ul style="list-style-type: none"> • Central air conditioning machines. • air-conditioners designed primarily to provide ducted delivery of conditioned air (single-package or split- system) • Air conditioners for nonresidential applications such as industrial and similar use • Evaporative air coolers. • Heat pumps, (other than to provide delivery of conditioned air for heating), including sanitary hot water heat pumps.



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14. Household air conditioners	Electrical air conditioners	incorporating motor compressors and hydronic fan coils units. Partial units (e.g. indoor / outdoor units shipped separately)	<ul style="list-style-type: none">• multiple split-systems utilizing one or more outdoor units and one or more indoor units.• Dehumidifiers.• Air purifiers.• Fans to be incorporated in air conditioning equipment.• Supplementary heaters to be incorporated in air conditioning equipment.• Humidifiers intended for use with heating and cooling equipment. Automotive air conditioners.
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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



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- 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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