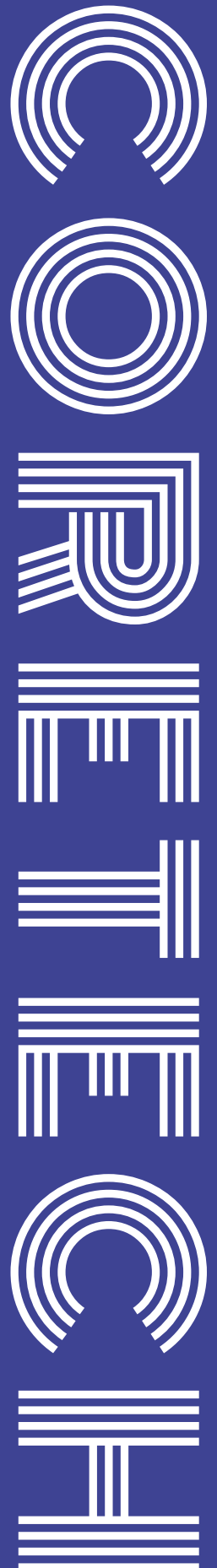


TESTING SERVICE
INSPECTION SERVICE
CERTIFICATION SERVICE
LABORATORY TUTORING
INFORMATION SECURITY SERVICE
STANDARD PURCHASING AND TRANSLATION SERVICES



Zhejiang Coretech Testing and Certification Co., Ltd. is a third-party professional testing and certification service organization. The core team has been deeply involved in the export product certification, inspection, testing and other related conformity assessment service industries for 15 years and has accumulated a good reputation.

Up to now , Coretech is not only a company that performs testing, inspection, certification and compliance. Our mission is to ensure that the products and services of all domestic companies meet the regulations and standards of the destination country, avoid trade barriers, promote industrial exports, and restore the reputation of Made in China.

Business Scope

- **Test**

RoHS testing, small household appliances testing, toy testing, combustion testing.

- **Inspection**

Assess quality and quantity of production batches; factory inspections.

- **Certification**

Issue a certificate based on the scope of certification to prove that a product, site, or person Members meet the specified standards.

- **Translate**

We provide precise translation of technical documents such as regulations and standards required by customers.

- **Professional service**

Help customers improve their laboratory management level through professional technical capabilities, technical skills.

- **Cyber security**

Anti-theft detection, ransomware incident handling, software security testing, penetration testing Penetration test.



Business Qualifications



◆ CMA



◆ ISO9001



◆ ISO 17065



◆ G-Mark-LV



◆ CNAS 17025



◆ SASO



◆ ISO 17020



◆ G-Mark-LV



BUILDING MATERIALS LABORATORY

ZheJiang Coretech Testing Laboratory Service scope

Test product range	Test items	Test standards
Building materials and products Wallpaper, fireproof board, sound-absorbing board, blockboard, solid wood floor, composite floor, laminate floor, carpet, nylon carpet, wool carpet, rubber floor	Combustion heat value	GB/T 14402-2007 BS EN ISO1716-2018
	Non-flammable	GB/T 5464-2010 BS EN ISO1182-2010
	Single combustion performance	GB/T 20284-2006 EN ISO13823-2010+A1-2014
	Flammability	GB/T 8626-2007 EN ISO 11925-2-2010
	Critical radiant flux	GB/T 11785-2005 EN ISO9239-1-2010
Textiles and related materials Fabrics for curtains, curtains, and furniture decoration	Oxygen Index	GB/T 5454-1997
	Combustion performance (damage length, smoldering and follow-on time)	GB/T 5455-2014
Wire and cable casing PVC, wire conduit, wire duct	Oxygen Index	GB/T 2406.2-2009
	Combustion performance	GB/T 2408-2021
	Smoke density	GB/T 8627-2007
plastic PVC, wire casing, wire duct, electrical appliance plastic casing	Horizontal burning test	UL 94-2023 7
	50W (20mm) vertical burning test	UL 94-2023 8
	500W (125mm) vertical burning test	UL 94-2023 9

Test report sample



ELECTRONIC AND ELECTRICAL TESTING



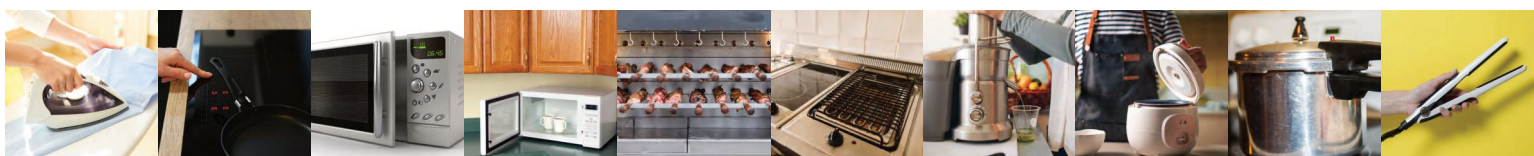
ZheJiang Coretech Testing Product Scope

1. Curling comb; Hair stick; A curly hair stick with an independent heater; Facial sauna; Hair dryer; Hand dryer; A heater with detachable curly hair clips; Hair shaper; Electric iron; Electric stove, stove, oven, induction cooker, baking tray; Grill; Electromagnetic stove; Thermal decomposition self-cleaning oven; Steam oven; Grills, bread toasters, air fryers, indoor barbecue ovens; Bread machine; Contact grill (grill); Electric stove; Food dehydrator; Stove; Portable electric oven; Cheese grill; Radiation grill; Electric oven; Rotating grill; Barbecue fork; Bread toaster; Waffle cake oven; Insulation board and insulation disc; Deep fryer, pan fryer; Bean slicer; Fruit juice extractor; Stirrer; Can opener; Centrifugal juicer; Stirrer; Citrus juice press; Coffee grinder; Cream mixer; egg-breaking machine; Class grinder; Grinder; Ice cream machine, meat grinder; Noodle machine; Potato peeler; Chopper; Screening machine; Slicer; hair drier; Hair curler; hair straightener; Various indoor heaters; Various types of fans; ceiling fan; Desk fan.

2. National standards, IEC standards, and EN standards can all be tested, and reports can be issued. Visitors can visit the laboratory.

Electronic and Electrical Testing Standards

Testing products	Testing standards
Household and similar electrical appliances	GB 4706.1-2005 IEC 60335-1 EN 60335-1:2012
Electric iron	GB4706.2-2007 IEC 60335-2-3 EN 60335-2-3
Stationary electric cookers, stoves, ovens and similar appliances (Electric stove, electric oven, microwave, air fryer)	GB 4706.22-2008 IEC 60335-2-6 EN 60335-2-6
Grills, bread toasters and similar portable cooking appliances (Toaster, Electric Oven, Electric Grill)	GB 4706.14-2008 IEC 60335-2-9 EN 60335-2-9
Insulation boards and similar appliances (Induction cooker, insulation board, heating plate)	GB4706.55-2008 IEC 60335-2-12 EN 60335-2-12
Deep fat fryers, frying pans and similar appliances	GB4706.56-2008 IEC 60335-2-13 EN 60335-2-13
Kitchen machinery (Cooking machine, juicer, soybean milk machine)	GB 4706.30-2008 IEC60335-2-14 EN 60335-2-14
Liquid Heater (Electric kettle, health pot, rice cooker, electric pressure cooker)	GB 4706.19-2008 IEC 60335-2-15 EN 60335-2-15
Skin and hair care appliances (curling iron, hair straightener)	GB 4706.15-2008 IEC60335-2-23 EN 60335-2-23
Room heater (Blower heater, electric heater)	GB4706.23-2007 IEC 60335-2-30 EN 60335-2-30
Fan	GB 4706.27-2008 IEC 60335-2-80 EN 60335-2-80





HAZARDOUS SUBSTANCES DETECTION

Hazardous substance detection standards

Chemical and Hazardous Substances in Electrical and Electronic Products	standard test
Lead (Pb)	GB/T 26125-2011 IEC 62321-3-1:2013 IEC62321-5:2013
Cadmium (Cd)	GB/T 26125-2011 IEC62321-3-1:2013 IEC 62321-5:2013
Chromium (Cr)	IEC 62321-3-1:2013 IEC62321-5:2013
Mercury (Hg)	GB/T 26125-2011 IEC62321-3-1:2013 IEC62321-4:2013
Hexavalent chromium (Cr 6+)	GB/T 26125-2011 GB/T 39560.702-2021 IEC 62321-7-1:2015 IEC 62321-7-2:2017
Total Bromine (Br)	IEC 62321-3-1:2013
Polybrominated biphenyls (PBBs), polybrominated diphenyl ethers (PBDEs)	GB/T 26125-2011 IEC62321-6:2015
Phthalates (BBP, DNOP,DBP, DEHP,DIDP, DINP,DIBP)	IEC62321-8:2017

IP protection level test

Enclosure protection grade test	standard test
Enclosure protection grade test range: IP1X~6X, IPX1~X7	GB/T 4208-2017 IEC 60529:2013 EN 60529





TOY TESTING

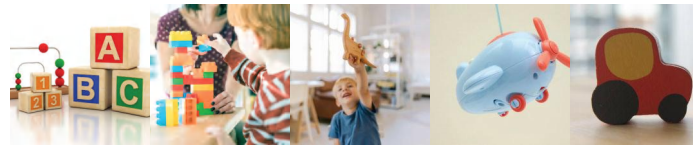
ZheJiang Coretech Testing Laboratory Service scope

Toys are the closest companions of children. The long-term contact between children and toys means that their quality and safety have attracted much attention from the society. Many countries have established strict regulations and standards to regulate the use safety of toys and baby products in their markets. Manufacturers must be responsible for accidents caused by production defects, poor design or the use of inappropriate materials, so as to reduce or avoid the harm of toys to children. For a long time, CTC has been actively committed to ensuring the safety, reliability and compliance of toys and children's products with professional technical teams and testing laboratories. We are a third-party testing agency with authoritative qualifications and can provide you with testing services according to many standards such as EN71, ISO 8124, ASTM F963, GB 6675, etc.

Our elite technical team can provide you with the latest technical guidance, quality control standards and evaluation of import and export regulations to ensure that your products meet the toy testing standards of the export market.

Global Market Access Standards

- International: International Toy Safety Standards (ISO 8124, IEC 62115)
- China: National Standard of the People's Republic of China (GB 6675)
- EU: EU Toy Safety Directive 2009/48/EC, Toy Safety Standards (EN71)
- USA: Consumer Product Safety Commission (CPSC), American Society for Testing and Materials (ASTM F963), Federal Regulations (16 CFR 1500/1501)
- Canada: Canada Dangerous Goods (Toys) Regulations (CCPSA SOR/2011-17)
- UK: British Standards Institute (BS EN71)
- Australia/New Zealand: Australian Standards Institute (AS/NZAIISO 8124)



Safety and performance testing

- **Product Range**
 - Durable consumer goods for infants and young children
 - Infant and child feeding care products and children's toys



Physical testing items

- **Examination range**
 - Mechanical and Physical Testing of Children's Toys Test
 - Normal use and foreseeable abuse test, packaging film thickness, elastic Shooting toys, sound toys, etc.
 - Flammability Test
 - Children's product safety inspection Test
 - Sharp points, sharp edges, small objects testing, etc.
 - Age, warning, traceability mark



Chemical testing items

- **Examination range**
 - Total lead/Cadmium detection
 - Migration of soluble heavy metals certain elements)
 - Phthalates
 - Organic tin
 - Flame retardant testing(TCEP/TCPP/TDCP)
 - Nitrosamines substances
 - Microbiological testing

TEXTILE TESTING



Textile Testing Overview

In the entire textile industry chain, textile testing is one of the most important links, which determines whether the textiles shipped out of the factory can smoothly enter daily life. With the continuous development of science and technology, people's awareness of environmental protection and living standards are constantly improving, and consumers' quality requirements for textiles and clothing have also evolved from single product comfort, functionality and safety to the requirement that the entire industry chain, from raw materials to finished products, must protect public health and safety at all stages.



Physical Project

- Color fastness test (washing resistance, friction resistance, water resistance, sweat resistance, dry cleaning resistance, etc.)
- Dimensional stability testing (washed/dry cleaned dimensional stability, appearance after washing/dry cleaning)
- Strength testing (tensile strength, tear strength, burst strength)
- Fabric structure (yarn count, fabric weight, warp and weft density, etc.)
- Fiber composition analysis
- Fabric performance testing (waterproof, moisture permeable, UV resistant, antibacterial, etc.)
- Attachment testing (zipper strength, zipper durability, etc.)
- Flammability testing
- Down product testing (fluffiness, oxygen consumption, etc.)
- Suggestion for label washing



Chemistry Project

- Formaldehyde
- PH value
- Total lead and total cadmium detection
- Extractable heavy metal detection
- Phthalate ester detection
- Microbial testing
- Sensitizing/carcinogenic dye detection



eko tex certification

The full name of OEKO-TEX is "International Textile and Leather Ecology Research and Testing Association". The OEKO-TEX standard is currently recognized as an authoritative ecological textile standard in the global textile industry, covering the entire textile supply chain. Oeko tex certification is applicable to the use of upstream input chemicals and dye additives in the supply chain, as well as the control of factory production processes (production systems) and downstream end products.



GRS certification

GRS certification requires each link in the supply chain to comply with specific environmental protection and social responsibility standards. For example, using environmentally friendly fiber materials, reducing waste and energy consumption, respecting worker rights, and implementing transparent grinding and traceability



SABER certification regulated product categories

Technical regulations on machinery safety	Part 1: Portable and manual machines
	Part 2: Mobile machinery and heavy equipment
	Part 3: Lifting equipment
	Part 4: Cutting and sawing machines
Technical regulations for building materials	Part 1: Metals and alloys for construction and building sectors
	Part 2: Insulation and covering materials
	Part 4: Bricks, tiles, ceramics, sanitary ware and related products
	Part 5: Pipes used in water, electricity and gas networks
	Technical regulations for glue and adhesive materials
Technical regulations for paper and paperboard	

Technical Regulations on Leather Products
Technical regulations for the restriction of hazardous substances in electrical and electronic equipment
Technical Regulations on Children's Toys
Technical requirements for front, rear and side guardrails for trucks and trailers
Technical regulations for low voltage electrical equipment and appliances
Technical regulations for lubricants
Technical regulations on detergents
Technical regulations for paints (dyes) and varnishes
Technical regulations for self-balancing vehicles
Technical regulations for gas appliances and their accessories

Technical regulations for trailers and semi-trailers
Technical regulations for automobile parts
Technical regulations for textiles
Technical regulations for amusement equipment
Technical regulations for solar photovoltaic systems
Technical regulations for personal protective equipment
Technical regulations for food safety of kitchen utensils
Technical regulations for degradable plastic products
Technical regulations for electronic devices used in electronic smoking systems
Technical regulations for elevators

Technical regulations for fire fighting equipment
Battery Technical Regulations
Technical regulations for doors, windows and fittings
Technical regulations for footwear and its accessories
Telecommunications Technical Regulations
Technical regulations for jewelry items
Technical regulations for pressure equipment
Technical regulations for simple pressure vessels
Packaging Technical Regulations
Technical regulations for escalators and moving walks
Technical regulations for baby strollers



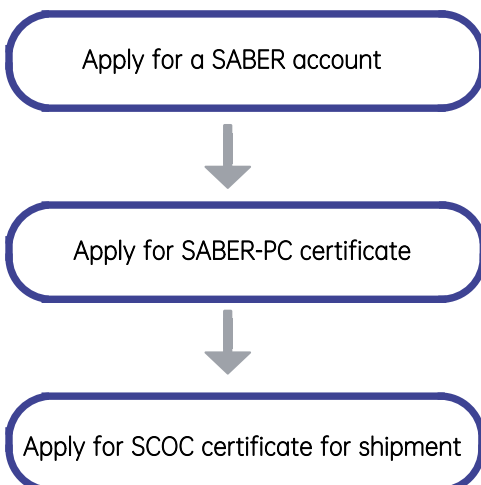
SABER-SCOC Sample



SABER-PCOC Sample



SABER Certification Application Process




SABER is an electronic service system for issuing product conformity certificates according to Saudi standards and specifications. It aims to register and issue conformity assessment certificates before entering the Saudi market.


SABER certification is an online certification service system launched by the Saudi government to implement the SALEEM program. SALEEM program, the Saudi Product Conformity Assessment Certification Program, is part of Saudi Vision 2030 and an important implementation measure of the two strategic goals of the Saudi Ministry of Commerce, Trade and Industry (MoCI): "Building consumer trust in products sold on the market" and "Ensuring fair trade between buyers and sellers."

Saber Platform


Saber is an integrated digital platform for registering consumer products and product conformity certificates to ensure product safety for locally manufactured and imported products.




How to use Saber




Conformity Bodies



Technical Regulations



HS-Codes



GCC is the abbreviation of the Gulf Cooperation Council. Its member states are Saudi Arabia, Kuwait, the United Arab Emirates, Qatar, the Sultanate of Oman, the Kingdom of Bahrain and the Republic of Yemen, a total of seven Gulf countries. It is an important political and economic organization in the Middle East.

Gulf Conformity Marking, or G-Mark. G-Mark certified products must not only meet basic health, safety and environmental requirements, but also meet the requirements of the Gulf technical regulations of GSO (GCC Standards Organization). All products within the scope of control must be affixed with the G-Mark logo. All regulated products exported to the seven Gulf countries must obtain the G-Mark certificate and apply for the customs clearance certificate of the local country, so that the products can be circulated and traded quickly and conveniently among the GCC member countries.

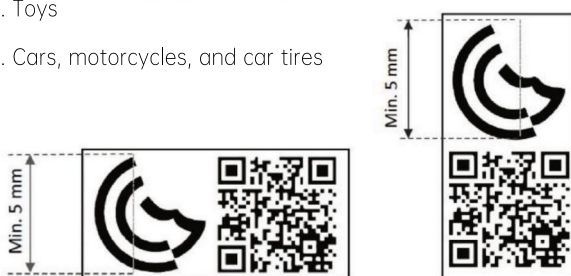
G-Mark Certification Scope List

1. Household electric fan
2. Refrigerator/freezer or other refrigeration equipment
3. Centrifugal clothes dryer/washing machine
4. Food grinder or mixer/fruit or vegetable juicer
5. Household toaster
6. Electric hair care appliances/dryers/hair dryers
7. Household electric heating equipment
8. Microwave oven
9. Stoves, electric pots, electric heating plates, heating plates, barbecue ovens and ovens
10. Electric fast heating water heater, storage water heater, immersion liquid heater
11. Electric iron
12. Plug, socket, adapter, power cord and extension cord, charger
13. Air conditioning
14. Toys
15. Cars, motorcycles, and car tires



G-Mark Certification Technical Data Requirements

1. Application form;
2. Manufacturer's business license;
3. Product manuals in both Arabic and English versions;
4. Product photos;
5. Nameplate photos;
6. Product electrical and mechanical drawings;
7. Manufacturer's ISO certificate or other quality management documents;
8. Risk assessment report;
9. Product testing reports (electrical safety reports and electromagnetic compatibility reports).



IECEE Saudi market access

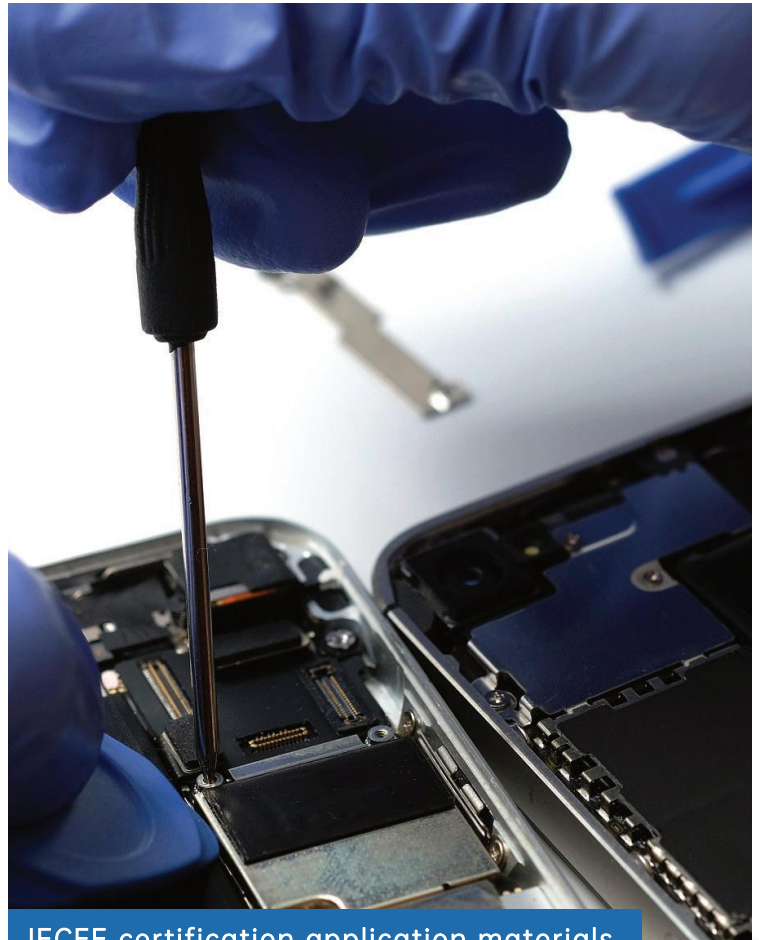
The Saudi IECEE certification is a certification program launched by the Saudi Arabian Standards Organization (SASO) aimed at ensuring that electronic and electrical products exported to Saudi Arabia comply with local regulations and standards. This certification program combines with the standards and testing methods of the International Electrotechnical Commission (IEC) to evaluate and certify products to ensure compliance with Saudi Arabia Market demand.

The Saudi IECEE certification is a certification issued by the Saudi Arabian Bureau of Standards (SASO) in response to local market requirements in Saudi Arabia, used to confirm whether products comply with international safety standards

Depends on CB reports and CB certificates issued by CB laboratories and authorized CB institutions.

IECEE Certification Regulated Products List

- | | |
|--|--------------------------------------|
| 1. Mobile phones and accessories (wired and wireless chargers, car chargers, mobile phone wireless speakers) | 10. Electronic cigarette equipment |
| 2. Laptops, tablets and accessories (laptop chargers, tablet chargers) | 11. Shavers |
| 3. Power banks, mobile phone batteries | 12. Desktop computers |
| 4. Lamps and accessories | 13. Electronic deep fryers |
| 5. Solar photovoltaic products | 14. Electronic games and accessories |
| 6. Dishwashers | 15. Electric kettles |
| 7. Electric water pumps | 16. Cables |
| 8. TVs and displays | 17. Coffee machines |
| 9. Smart watches | 18. Main current circuit breakers |
| | 19. Mobile phone charging cables |



IECEE certification application materials

1. Three year valid CB test report and certificate;
2. Effective test reports containing country differences (if any);
3. The importer's establishment time in Saudi Arabia and the business license of the legal representative;
4. The business license of the manufacturer (it is recommended not to use that of a trader);
5. Photos of products with labels, marks and packaging;
6. English and Arabic manuals, etc;
7. If equipped with a plug, a plug report is required.



IECEE Sample

Saudi Arabia SFDA Conformity Assessment Certificate

SFDA (Saudi Food and Drug Authority) product conformity assessment verifies that goods exported to Saudi Arabia meet quality and safety requirements, thereby protecting the health and safety of consumers and the environment. coretech can provide you with efficient and comprehensive solutions to ensure that goods meet Saudi technical regulations.

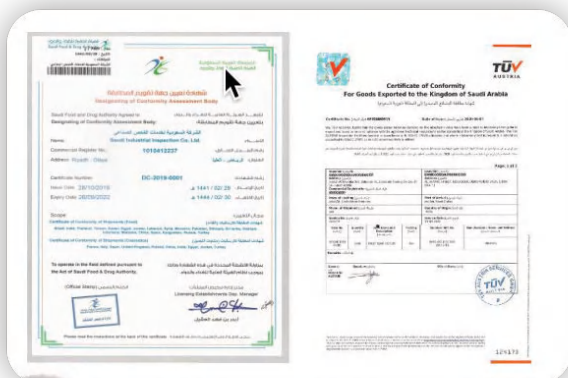
SFDA certified product classification

- Creams, emulsions, lotions, gels and oils for the skin (hands, face, feet, etc.).
- Face masks (with the exception of peeling products), Tinted bases
- Shaving products (creams, foams, lotions, etc.)
- Make up powders, after bath powders, hygienic powders, etc.
- Toilet soaps, deodorant soaps, glycerin soaps etc.
- Perfumes, toilet waters and eau de cologne
- Bath and shower preparations (salts, foams, oils, gels, etc.)
- Depilatories, deodorants and antiperspirant.
- Hair care products: hair tints and bleaches, products for waving, straightening and fixing, setting products, cleaning products (lotions, powders, shampoos), conditioning products (lotions, creams, oils), hair dressing products (lotions, lacquers, Leucine).
- Products for making up and removing make-up from the face and eyes, eye decorative cosmetic products (eye shadow, mascara, brows, lids, pencil, and lash, cream.)
- Products intended for application to lips
- Products for care of teeth and mouth (Mouthwash products containing alcohol are considered as banned products)
- Products for nail care and make up, products for external intimate hygiene
- Sun bathing products, products for tanning without sun, Skinwhitening products (except Hydroquinone containing products)
- Anti-wrinkle products
- Hand wash liquid soaps
- Wet wipes



SFDA certification application materials

1. Application form (signature and seal);
2. Test report issued by CNAS 17025 laboratory;
3. Product photos, including product name, product label, trademark, origin, chemical ingredients, usage time, instructions for use, barcode (English or English/Arabic);
4. Product parameters;
5. Arrangement of loading supervision inspection;
6. Invoice and packing list (signature and seal).



All regulated products must obtain a certificate of conformity issued by an authorized agency of PAI before entering Kuwait, in order to pass customs smoothly. All regulated products must comply with Kuwait's national technical regulations or relevant international standards.

If it does not meet the requirements of the importing country, it will be ordered to return to the port of shipment, resulting in unnecessary delays and losses for the exporter or manufacturer.

TIR certification partial Regulated list

1. Children's toys
2. Household and commercial electrical appliances and gas appliances
3. Automotive products
4. Chemicals
5. Other categories, such as tissues, cigarettes, etc
6. Building materials



TIR Sample

Note:

As long as electrified products are exported to Kuwait, they are all within the control range, such as mice, keyboards, display screens, power supplies, and lighting products. Kuwait TIR certification requires pre shipment inspection before shipment.

TIR certified product adaptation standards

Kuwait Standard and Specification KSS

Gulf State Standard GSO

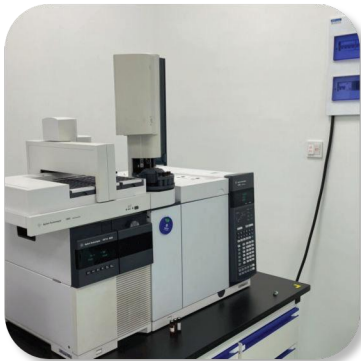
International Organization for Standardization (ISO) standard
International Electrotechnical Commission standard IEC

French standard NF, British standard BS, German standard DIN, etc



Kuwait TIR Certification Notes

1. Rated voltage: The rated voltage of 240V can be labeled as 220V-240V, 230V, 230V-240V, and 240V. Electrical products with a rated voltage of 220V are not allowed to enter Kuwait;
2. Frequency: 50Hz;
3. Plug chargers must comply with BS1363-1, BS1363-2, or BS546 standards, and the plugs for electrical wiring must comply with the above standards;
4. There is no requirement for ambient temperature except for the water cooler;
5. The rated voltage of incandescent lamps must be 240V.





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