



# GUIDANCE

**FOR CUSTOMS & MARKET SURVEILLANCE INSPECTORS**

**ABOUT THE  
GULF TECHNICAL  
REGULATION FOR  
LOW VOLTAGE  
ELECTRICAL  
EQUIPMENT &  
APPLIANCES  
BD-142004-01**









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## ***Introduction:***

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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 Governments of:

- The United Arab Emirates (UAE);
- Kingdom of Bahrain
- Kingdom of Saudi Arabia (KSA);
- Sultanate of Oman;
- Qatar; and
- Kuwait

have agreed to establish an organization in the GCC region under the name of "GCC Standardization Organization (GSO)", headquartered in the Kingdom of Saudi Arabia (KSA).

The Republic of Yemen was granted the membership of GSO on Jan. 1st, 2010 A.D., in accordance with the GCC directives, issued in the 29th session (Muscat, dated 29th-30th of Dec., 2008 A.D.), and GSO Council decree, issued in the 11th meeting (Doha, 22nd of Nov., 2009 A.D.).







## ***GSO Vision:***

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Pioneering Standardization for World Excellence.

## ***GSO Mission:***

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To unify the different standardization activities and follow up the application of such activities in coordination with the Member Countries in accordance with the best world practices for protecting consumers, environment and public health and promoting industry to support economy and sustainable development in the Member Countries.

## ***Objectives:***

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GSO seeks to help The Cooperation Council for the Arab States of the Gulf (GCC) achieve the goals provided in the GCC Charter and the GCC Unified Economic Agreement on the basis of unifying the different standardization activities and following up the application thereof and compliance thereto through cooperation and coordination with standardization bodies in the Member Countries. This shall contribute to developing production and service sectors and developing trade in the Member Countries and protecting consumers, environment and public health, and promoting industries and agriculture produces in the Arab States of the Gulf based on supporting the GCC economy, maintaining the GCC gains and minimizing the trade technical barriers in line with the goals of the GCC Custom Union and the principles and rules of the GCC Common Market.

In order to fulfill such mission, GSO makes use of all capabilities and resources, and unifies efforts in order to provide optimal services in the field of standardization within the Member Countries. Thus GSO coordinates and cooperates with the national standardization bodies, within the Member Countries, and continually develops such services by setting measurable goals compatible with the GSO Vision.



## ***For fulfilling such Mission, GSO may:***

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1. Develop comprehensive plans for standardization activities based on the needs and capabilities of the Member Countries. Also, GSO may use the national standardization bodies as per the GSO Guides of Technical Work;
2. Set and approve technical regulations, GCC standards and GCC conformity assessment procedures for commodities, products and services;
3. Set laws, regulations and guides on regulating and applying legal and industrial metrologies and calibrations;
4. Set laws, regulations, instructions and guides on conformity assessment procedures, including GCC quality marking, conformity marking, conformity certificates and different accreditation laws;
5. Follow up the application of standards, technical regulations and the GCC conformity assessment procedures through standardization authorities in the Member Countries;
6. Conduct researches and studies for the purpose of developing and unifying concepts and methods of work in the GCC Standardization Organization (GSO) and standardization authorities in the Member Countries;
7. Prepare and implement training plans on GSO different activities with the aim of developing the knowledge and skills of standardizers in the Member Countries;
8. Increase awareness of standardization, quality and their relevant activities through different media;
9. Maintain GCC, Arabian, regional and international standards, references and books in the GSO Information Center based on an advanced archiving system that easily recalls such documents;
10. Regulate and implement the procedures, terms and membership fees of the Information Center for organizations and individuals;
11. Coordinate the positions of the Member Countries in the meetings held by Arab, regional and international standardization organizations for representing the interests of such countries when developing and approving standards, technical regulations, conformity assessment procedures and the decrees issued by such organizations;
12. Enter into memorandums of understanding (MOUs) and technical cooperation agreements between GSO and Arab, regional and international standardization organizations, based on achieving GSO's objectives; and
13. Provide technical advice and support for Member Countries in different fields of standardization on the basis of supporting integration and optimal resource investment.





## 1. GSO LV REGULATION BD-142004-01

The document **BD-142004-01**, dated 5th November 2014, is the second edition of the **GSO Technical Regulation on Low Voltage Electrical Equipment and Appliances** (in short: **GSO LV TR**).

The Regulation:

- ✓ Sets out mandatory Safety and EMC requirements for the electrical equipment
- ✓ Sets out obligations for all economic operators:
- ✓ Manufacturers, Authorized Representatives, Importers, Distributors
- ✓ Defines the conformity assessment procedures to be followed by the manufacturer and the required involvement by a designated third party conformity assessment body (Notified Body)
- ✓ Defines the contents of the Manufacturer Declaration of Conformity and Importer Declaration of Conformity
- ✓ Requires to affix the Gulf Conformity Marking (G-Marking) to show compliance

GSO LV TR has been approved by the GSO Board of Directors in its 20th meeting (Riyadh, 5th November 2014). The enforcement has started on the 1st of June 2015 in an experimental way, while the full enforcement began on the 1st of July 2016.

Notice that this Technical Regulation deals with safety essential requirements and EMC; non-covered aspects (such as Energy Efficiency) may be subject to particular National Technical Regulations for some products.



## 1.1. Scope of the Regulation and exclusions

The scope includes electrical equipment, defined as “all electrical and electronic devices and appliances and fixtures that contain electrical and/or electronic components designed for use with a voltage rating of between 50 and 1000 V for alternating current and between 75 and 1500 V for direct current, other than the electrical equipment and phenomena listed in Annex (2)”.

The below listed equipment and phenomena are fully outside the scope as per GSO LV TR 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.

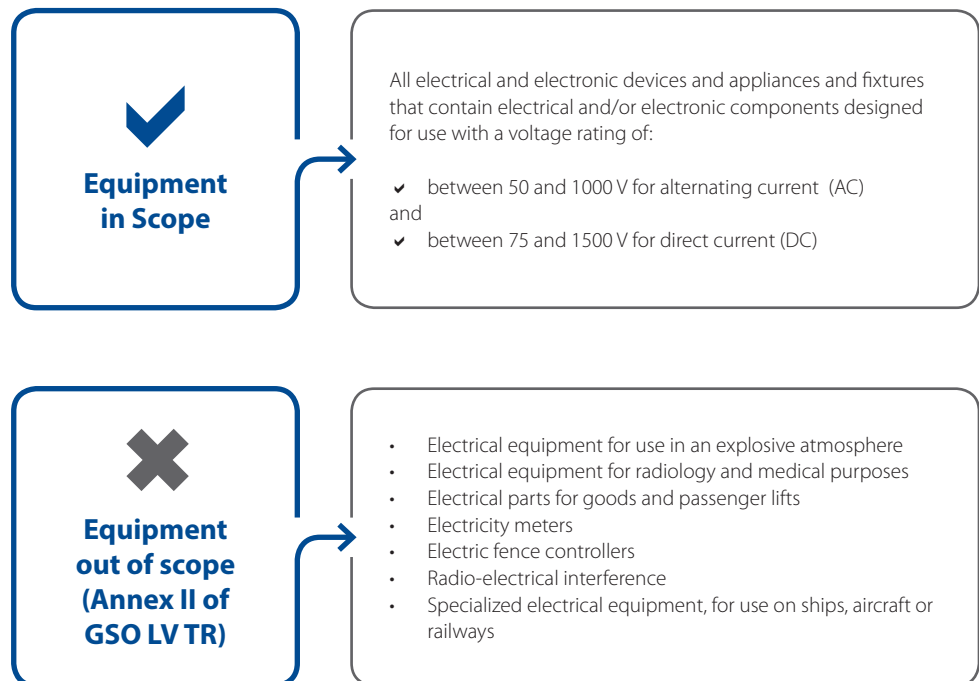


FIG. 1.1A: OVERVIEW OF THE SCOPE OF THE REGULATION

Article (20) further divides the products in scope into two lists, referred to as List (1) and List (2), which require different conformity assessment procedures.



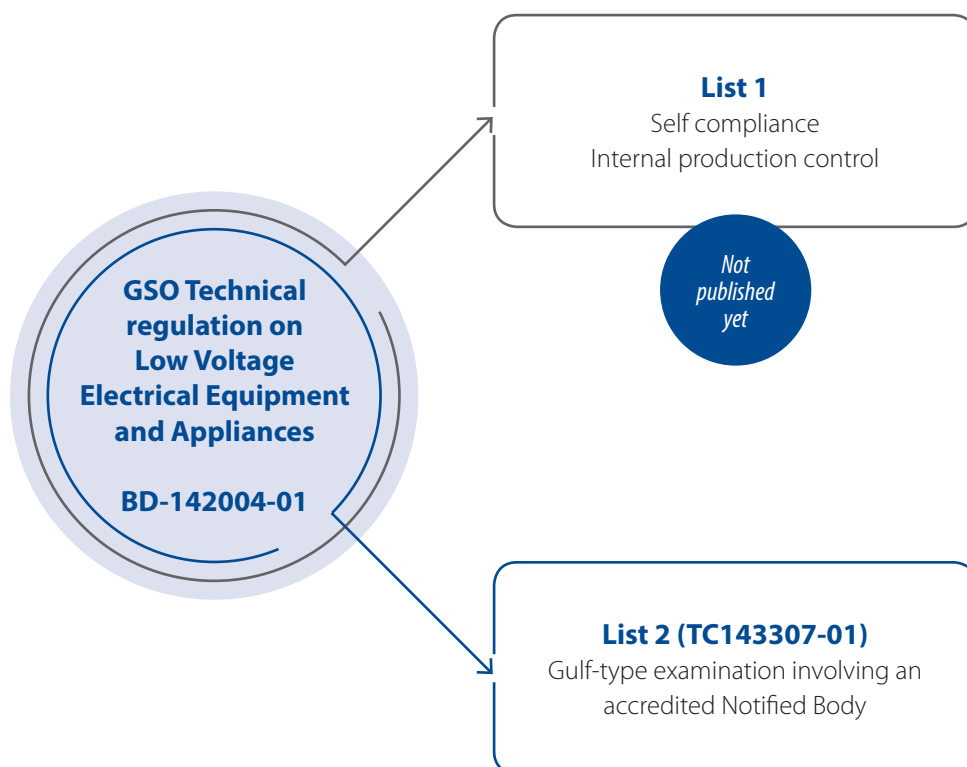


FIG. 1.1B: SCHEMATIC CLASSIFICATION OF THE PRODUCTS IN SCOPE OF THE REGULATION: LIST (1) AND LIST (2)

At the time of drawing up this guidance only List (2) has been published, and the enforcement of the regulation is limited to only those products which are included in this list.

According to List (2): The following 13 categories of electrical equipment and appliances are subjected to the CAP in Annex (4) of the GSO LV TR and require Gulf Type Examination certification by a Notified Body:

1. Domestic Electrical Fans
2. Refrigerators, freezers and other refrigerating or freezing equipment
3. Centrifugal clothes dryers and Clothes washing machines, including machines which both wash and dry
4. Food grinders and mixers, fruit or vegetable juice extractors.
5. Toasters
6. Electro-thermic hair-dressing apparatus and hand dryers
7. Domestic electric heating apparatus
8. Microwave ovens
9. Other ovens; cookers, cooking plates, boiling rings, grillers and roasters
10. Electric instantaneous or storage water heaters and immersion heaters
11. Electric smoothing irons
12. Plugs, Socket outlets, Adaptors, Cord Extension Sets and chargers
13. Air conditioners





FIG. 1.1C: EXAMPLES OF REPRESENTATIVE PRODUCTS IN LIST (2) IN OVERVIEW

The specified equipment and appliances in the current version of List (2) (Document Ref# TC143307-01) are the first implementation phase of GSO LVTR, the said List (2) has included products that are for household and similar use which are considered high risk products since they are intended to be used by non-trained end-users and consumers.

Appliances that can be installed in public venues and common spaces - such as shops, offices, restaurants, bakeries, bed & breakfasts, hotels, light industry and farms – and can be used by nonprofessionals are also considered in scope.

Products exclusively for commercial or industrial use and not commonly used by end-users and consumers are considered out of scope of this version of List (2).

Products that can be used in both applications shall be considered in implementation.

Please see the chapter 2.2 and the sections relevant to each category under list (2) for a detailed guidance about the products in scope and out of scope.

## 1.2 Conformity Assessment Procedures (CAP)

Regulation BD-142004-01 for Low Voltage equipment determines two different Conformity Assessment Procedures for two categories of electrical equipment depending on their degree of hazard:

- Annex (3): Internal Production Control (Module A)  
This CAP applies for products in List (1).
- Annex (4): Gulf Type Examination (Module B) + Conformity to Type (Module C)  
This CAP applies for products in List (2).

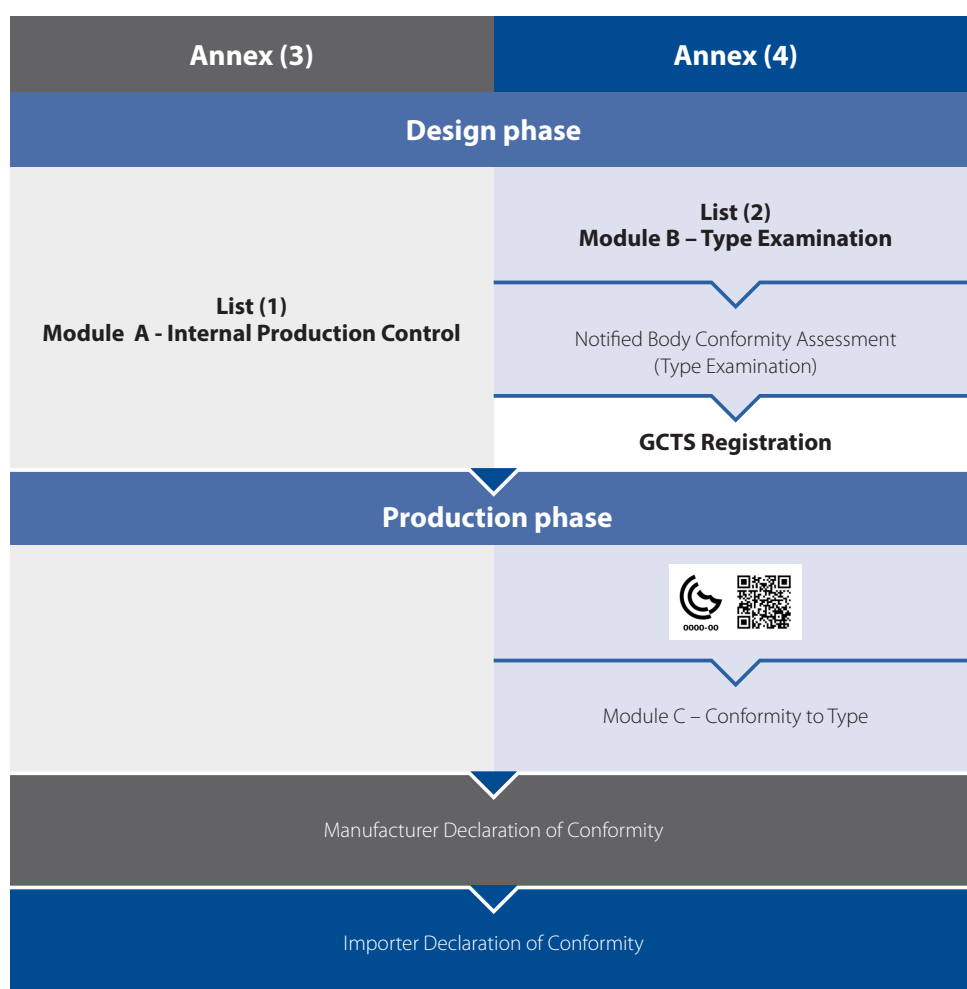


FIG. 1.2A: CONFORMITY ASSESSMENT PROCEDURES IN SCHEMATIC VIEW

At the time of drawing up this guidance only List (2) has been published, so the description of the conformity assessment procedures is limited to only to the CAP applicable those products which are included in this list.





## *Procedure for Products under List (2) – GSO LV TR Annex (4)*

The complete listing of Notified Bodies is published and regularly updated by GSO which can be found on the website of the organization: <https://www.gso.org.sa/nb/>

The regulation defines which of the mandatory activities in the overall conformity assessment procedure are to be conducted exclusively by Notified Bodies, and which activities are in the responsibility of the manufacturer.

List (2) products require a **Gulf-Type Examination Certificate** issued by a **GSO Notified Body (NB)**.

The certificate demonstrates the correctness and adequacy of the technical documentation (see chapter 1.4) drawn up by the manufacturer, including the analysis of the risks posed by the product, as well as the conformity of the product types listed in the certificate to the essential requirements on Safety and Electromagnetic Compatibility (EMC) as per Annex (1) of the GSO LV TR.

Product conformity can be demonstrated by testing to the Gulf (GSO) standards or international IEC standards which provide for a “presumption of conformity”, meaning that products that comply with these standards requirements can be considered in conformity with the Essential Requirements of the Technical Regulation for those aspects which they cover, e.g. electrical safety, hygiene, EMC, etc.

Selection of the correct standards according to each product’s design and features is an essential step of the conformity assessment procedure to be followed by manufacturers and subject to a Notified Body’s review and approval. See Obligations of manufacturer, section 1.3.

After complying with all requirements in the Technical Regulations, including those which only apply to the manufacturer or responsible supplier and do not require any third party, the products have to be marked with the Gulf Conformity Marking in the form of the **Gulf Conformity Tracking Symbol (GCTS)**. See section 3.2.



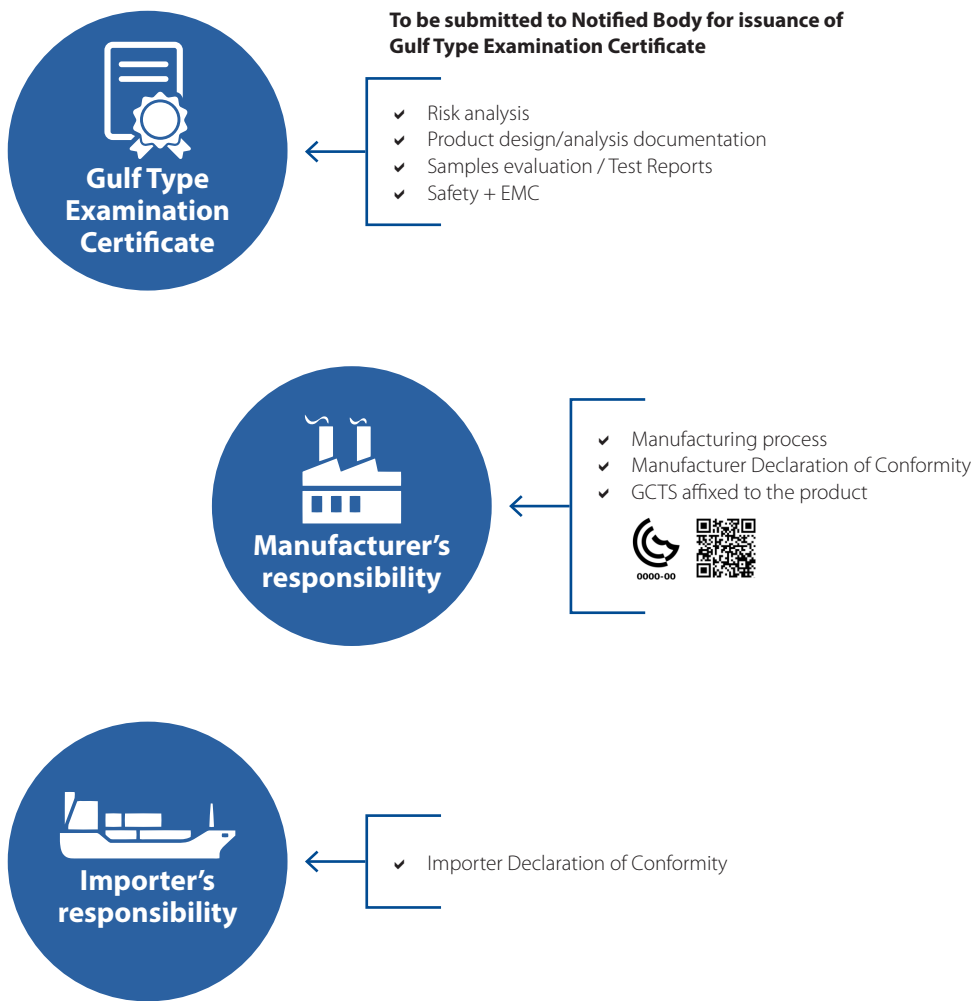


FIG. 1.2B: CONFORMITY ASSESSMENT PROCEDURE FOR PRODUCTS IN LIST (2)

## 1.3 Economic Operators

The GSO LV TR gives clear definitions and determines the obligations of the “economic operators” involved in the supply and distribution of products.

### Definitions (GSO LV TR Article (1))

**Economic Operator (EO):** means the Manufacturer, the Authorized Representative, the Importer or the Distributor

**Manufacturer:** means any natural or legal person who manufactures electrical equipment or has it designed or manufactured, and markets that electrical equipment under his name or trademark.

**Authorized representative:** means any natural or legal person established within the GSO Member States who has received a written mandate from a manufacturer to act on his behalf in relation to specified tasks.

**Importer:** means any natural or legal person established within the Member states who places on the market electrical equipment from a third country outside the Member states.

**Distributor:** means any natural or legal person in the supply chain, other than the manufacturer or the importer, who makes a LVE available on the market.

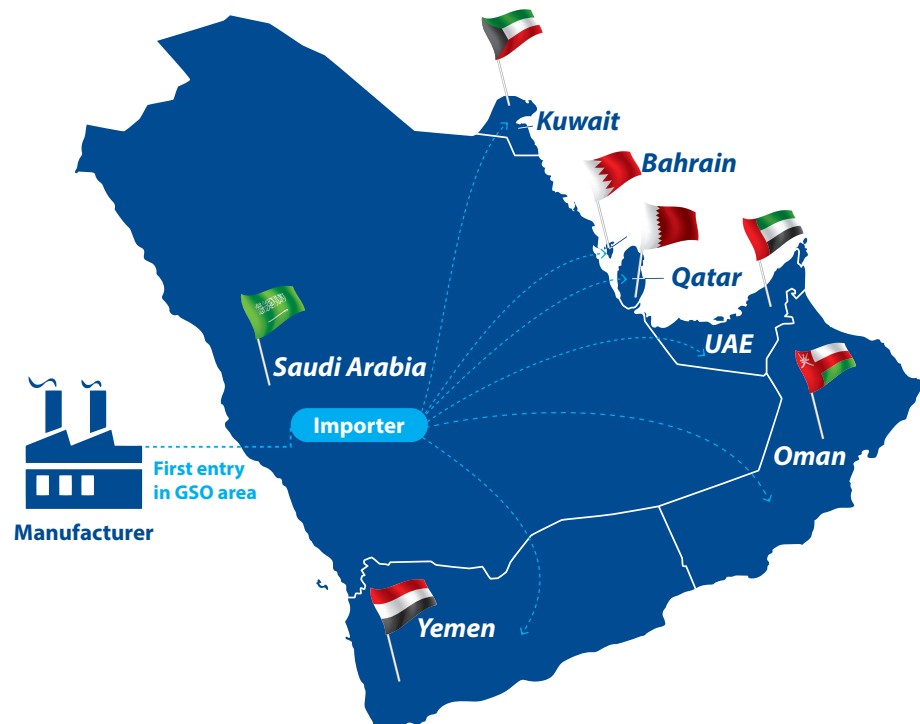


FIG. 1.3: ECONOMIC OPERATORS TYPICALLY INVOLVED IN THE SUPPLY CHAIN FOR PRODUCTS MANUFACTURED OUTSIDE THE GSO MEMBER STATES

Per Article (12) an **Importer** or **distributor** is considered **equivalent to the Manufacturer** and **subject to the obligations of the manufacturer where he:**

- places electrical equipment in the market under his name or trademark or
- modifies electrical equipment already placed on the market in such a way that compliance with the applicable requirements may be affected.

The former situation is commonly encountered for OEM products sourced from suppliers in other countries, but marketed under the brand and trade name of an importer or distributor who is established in one of GSO member states and is acting towards the consumer as the manufacturer of the product.

As often an importer or distributor may not be able or technically competent to carry out all these activities it will be necessary to ensure by contractual arrangements and due controls that the conformity of the products can always be guaranteed.

### *Obligations and Responsibilities of Economic Operators*

The below table is a summing up of the obligations and responsibilities of all Economic Operators to ensure that only compliant electrical equipment is made available on the market.

All detailed responsibilities of Economic Operators are set in GSO LVTR from Article (8) to Article (13)





**TABLE 1.3: RESPONSIBILITIES AND OBLIGATIONS OF ECONOMIC OPERATORS**

Legenda

✓ = Required

○ = Optional

— = Not required or not applicable

✗ = Not permitted

Obligations	Manufacturer <sup>1</sup>	Authorized representative <sup>2</sup>	Importer	Distributor
<b>Conformity Assessment</b>				
Place or make available on the market only electrical equipment that complies with GSO LV TR	✓	○	✓	✓
Ensure products are designed and manufactured in accordance with the essential requirements of the TR	✓	✗ <sup>3</sup>	—	—
Perform a risk analysis	✓	✗ <sup>3</sup>	—	—
Draw up the technical documentation	✓	✗ <sup>3</sup>	—	—
Apply for Gulf-type examination with a Notified Body, and keep it with the technical documentation	✓	○	Verification of certificate	—
Draw up Manufacturer Declaration of Conformity	✓ Annex (5) of LV TR	○	Verification of manufacturer DoC	—
Draw up Importer Declaration of Conformity	—	—	✓ Annex (6) of LV TR	—
<b>Manufacturing and maintenance of compliance</b>				
Keep in place all production procedures that guarantee the conformity of every manufactured unit	✓	—	—	—
Ensure that storage or transport conditions do not jeopardize its compliance with the requirements	✓	—	✓	✓
Keep the technical documentation in his records for min. 10 years <sup>4</sup>	✓	○	—	—
Keep Declaration of Conformity in his records for min. 10 years <sup>4</sup>	✓	○	✓ (Manufacturer DoC + Importer DoC)	—
Upon request by authorities provide a copy of the DoC and the technical documentation or other documentation <sup>5</sup>	✓	○	✓ (Manufacturer DoC + Importer DoC)	✓
Inform the Notified Body of all modifications to the approved products	✓	○	—	—
Following a change in the state of the art, standards or regulations agree to review of the type examination	✓	○	—	—
Cooperate with the competent national authorities to eliminate any risk possibly posed by the product	✓	○	✓	✓
Upon request, identify to the Market Surveillance Authorities any economic operator involved in the supply chain to bring the product to the consumer	✓	○	✓	✓
Take immediate corrective measures in case of non-conformities (withdraw or recall, if appropriate) and inform the competent national authorities	✓	○	✓	Inform Manufacturer and Importer of any risk



Obligations	Manufacturer <sup>1</sup>	Authorized representative <sup>2</sup>	Importer	Distributor
<b>Markings and product documentation</b>				
Ensure safety information and user instructions in Arabic language are included	✓	—	✓	Verification of product documentation
Ensure the GCTS are affixed as per GCTS rules (see Chapter 3)	✓	○	Verification of GCTS marking	Verification of GCTS marking
Ensure a type number, and batch or serial number or other identifying element are affixed to the product; the same information shall be on the packaging or accompanying documentation	✓	—	Verification of marking	Verification of marking
Ensure the product bears his registered trademark, his name or registered trade name; the same information shall be on the packaging or accompanying documentation	✓	—	Verification of marking	Verification of marking
Indicate Manufacturer contact address on the product; the same information shall be on the packaging or accompanying documentation	✓	—	Verification of marking	Verification of marking
Indicate Importer name, trade name and contact address on the product or on the packaging or accompanying document	—	—	✓	Verification of marking

## NOTES

<sup>1</sup> An Importer or Distributor shall be considered a Manufacturer for the purposes of this Technical Regulation and he shall be subject to the obligations of the Manufacturer under Article (8), where he places electrical equipment on the market under his name or trademark or modifies electrical equipment already placed on the market in such a way that compliance with the applicable requirements may be affected. (GSO LV TR Art. (12))

<sup>2</sup> The authorized representative shall be nominated by written mandate specifying his responsibilities.

<sup>3</sup> The obligations laid down in Article 8(2) and the drawing up of technical documentation shall not form part of the Authorized Representative's mandate.

<sup>4</sup> 10 years after the product has been placed on the market

<sup>5</sup> When the Competent National Authorities request the Technical Documentation or a translation of parts thereof from a Manufacturer or an Importer, it may fix a deadline for receipt of such file or translation, which shall be 20 working days, unless a shorter deadline is justified in the case of serious and immediate risk. (GSO LV TR Annex (4) 2.e)





## 1.4 Conformity Documentation

### Definitions

**Gulf Type Examination Certificates:** a certificate issued by a Notified Body after examining the technical design of a product and verifying that the technical design of the product meets the requirements of the applicable Gulf Technical Regulations.

**Notified Body:** a Conformity Assessment Body notified by the Notifying Authority as a notified Conformity Assessment Body in a specific field according to the applicable Gulf Technical Regulations

### Gulf Type Examination Certificates

A Gulf Type Examination Certificate issued by Notified Bodies after positive testing and/or review of test reports and documentation, demonstrates the conformity of the models listed to GSO Technical Regulation.

Gulf Type Examination certificate is mandatory for all the products included in List (2). See section 2.2 “Classification of products in List (2)”.

Every Gulf Type Examination Certificates issued by the Notified Bodies is registered on the GSO certificate tracking system (GCTS). Scan the GCTS tracking symbol included on first page of the certificate to check the validity.



The screenshot shows the GCC Standardization Organization's Product Conformity Tracking system. The interface includes a navigation bar with the GSO logo and the text "GCC Standardization Organization". Below the navigation bar, there is a breadcrumb trail: "Home > Notified Bodies > Dashboard > GCTS# 0000-00". The main heading is "Product Conformity Tracking". The interface displays the following information:

- GCTS: 0000-00
- Brand: [Blank]
- Manufacturer: [Blank]
- Manufacturing Location: [country of origin]
- Product: Stationary cooking ranges, hobs, ovens and similar appliances
- Registration Expiry Date: 08-MAY-2020
- Description: Electric oven for built-in
- Model No: FA30000-00, FA3000020, FA3000008, FA3000001, FA50000-00, FA5000020

Below the product information, there is a section titled "Product Images" which contains five placeholder images for product photos. At the bottom of the interface, there is a button that says "View Additional Detail (login required)".

Certificates include details regarding certified products, manufacturer and manufacturing locations and conformity assessment procedure followed.

While the design and layout of certificates may be different for each Notified Body, the essential information required to be indicated is harmonized for all Notified Bodies<sup>1</sup>.

See below table for the main contents reported on the certificates or in the Annex.



Certificate contents	
<i>Certificate Details</i>	Title "Gulf Type Examination Certificate" and reference to Technical Regulation BD-142004-01 Annex (4)
	GCTS certificate tracking symbol
	Certificate number, date of issue, date of expiry
<i>Notified Body details</i>	name and address, company logo, ID number (00xx) of the GSO Notified Body
<i>Economic Operators details</i>	Manufacturer <sup>2</sup> name and address
	Manufacturing Location(s) name and address showing the Country of Origin
<i>Products details</i>	Product name / descriptions
	Model no. / type designation (wildcards / variables (e.g. x=0-9, *=A, B,C ...) are accepted)
	Brand name / trademark
	Technical data and electrical ratings, product dimensions
	Product image(s)
<i>Conformity assessment details</i>	Standards applied
	Test and/or evaluation reports references
	Member States national differences considered
	Conclusion of conformity with the Essential Requirements in Annex (1) of BD-142004-01

<sup>1</sup> Based on the GSO Announcement 348/300/17 which became effective from Oct. 12, 2017. Certificates issued before this date may show some variations.

<sup>2</sup> This may be the importer or distributor under the circumstances described in Art. (12) of the GSO LVTR





### **Manufacturer Declaration of Conformity**

Where compliance of electrical equipment with the safety and electromagnetic compatibility requirements set out in the applicable GSO Technical Regulation has been demonstrated, the Manufacturer shall draw up a Manufacturer Declaration of Conformity. By this declaration, the Manufacturer assumes responsibility for the compliance of the electrical equipment.

The Manufacturer Declaration of Conformity:

- ✓ states that the fulfillment of the safety and EMC requirements has been demonstrated;
- ✓ shall contain the Conformity Assessment Procedure applicable to the
- ✓ electrical equipment and refer, if requested, to Gulf Type Examination Certificate;
- ✓ shall have the model structure set out in Annex (5) and shall be drawn up in both Arabic and English;
- ✓ shall be kept for a period of 10 years after the electrical equipment has been placed on the market;
- ✓ shall be updated whenever necessary.

Manufacturer Declarations of Conformity must be drawn up in the form set in Annex (5) of GSO LV TR (see next page).



## **Annex 5**

### **Manufacturer Declaration of Conformity**

#### **Declaration of Conformity**

#### **الإقرار بالمطابقة**

<p>1. Unique identification No of the electrical equipment (i.e Model no) -----</p>	<p>١. الرقم التعريفي الوحيد للجهاز أو المعدّة الكهربائية (رقم الطراز مثلاً) -----</p>
<p>2. Name of the manufacturer or his authorized representative -----</p>	<p>٢. اسم الصانع أو ممثله الرسمي -----</p>
<p>3. Address of the manufacturer or his authorized representative -----</p>	<p>٣. عنوان الصانع أو ممثله الرسمي -----</p>
<p>4. Object of the declaration (identification of electrical equipment allowing traceability) -----</p>	<p>٤. موضوع الإقرار (تعريف الجهاز أو المعدّة الكهربائية مع توفير معطيات التتبعيّة) -----</p>
<p>5. The object of the declaration described in point 4 is in conformity with the Gulf Technical Regulations -----</p>	<p>٥. موضوع الإقرار المبين في الفقرة ٤ مطابق لمتطلبات اللوائح الفنية الخليجية -----</p>
<p>6. References to the relevant standards used or references to the specifications in relation to which conformity is declared -----</p>	<p>٦. الإشارة إلى المواصفات القياسية الخليجية المطبقة، أو المتطلبات الفنية المستخدمة في الإقرار بالمطابقة -----</p>
<p>7. The notified body name (if any) -----</p>	<p>٧. اسم الجهة المقبولة (إذا لزم) -----</p>
<p>8. Number of notified body -----</p>	<p>٨. رقم الجهة المقبولة -----</p>
<p>9. Notified body scope -----</p>	<p>٩. نطاق تدخل الجهة المقبولة -----</p>
<p>10. Additional information -----</p>	<p>١٠. معطيات إضافية -----</p>
<p>This declaration of conformity is issued under the sole responsibility of the manufacturer -----</p>	<p>تم إصدار هذا الإقرار تحت المسؤولية الكاملة للصانع -----</p>
<p>Signed for and on behalf of: -----</p>	<p>موقّع من طرف وبتفويض عن: -----</p>
<p>(place and date of issue) -----</p>	<p>(مكان وتاريخ الإصدار) -----</p>
<p>(name, function) -----</p>	<p>(الاسم، الوظيفة) -----</p>
<p>(signature) -----</p>	<p>(التوقيع) -----</p>

#### **Documents to be annexed with this declaration:**

#### **الوثائق الواجب إرفاقها مع هذا الإقرار:**

- |   |  |
|---|--|
| <p>– In case of the intervention of a Notified body the Conformity Assessment Procedure used &amp; certificate issued</p> | <p>– في حالة اللجوء إلى جهة مقبولة، تحديد إجراء تقويم المطابقة المستخدم ونسخة من الشهادة الصادرة عنه</p> |
|---|--|





### **Importer Declaration of Conformity**

Where compliance of electrical equipment with the safety and electromagnetic compatibility requirements set out in the applicable GSO Technical Regulation has been demonstrated, the Importer shall draw up an Importer Declaration of Conformity. By this declaration, the Importer assumes responsibility for the compliance of all imported electrical equipment in the consignment.

The Importer Declaration of Conformity:

- ✓ states that the fulfillment of the safety and EMC requirements has been demonstrated for all imported electrical equipment in the consignment;
- ✓ shall contain the Conformity Assessment Procedure applicable to the electrical equipment and refer, if requested, to Gulf Type Examination Certificate;
- ✓ shall have the model structure set out in Annex (6) and shall be drawn up in both Arabic and English;
- ✓ shall be kept for a period of 10 years after the electrical equipment has been placed on the market;
- ✓ shall be updated whenever necessary.

Importer Declarations of Conformity must be drawn up in the form set in Annex (6) of GSO LV TR (see next page).

## **Annex 6**

### **Importer Declaration of Conformity**

#### **Declaration of Conformity**

#### **الإقرار بالمطابقة**

1. Unique identification No of the electrical equipment (i.e Model no) -----	١. الرقم التعريفي الوحيد للجهاز أو المعدّة الكهربائية (رقم الطراز مثلاً)
2. Name of the importer -----	٢. اسم المستورد
3. Address of the importer -----	٣. عنوان المستورد
4. Object of the declaration (identification of electrical equipment allowing traceability) -----	٤. موضوع الإقرار (تعريف الجهاز أو المعدّة الكهربائية مع توفير معطيات التتبعيّة)
5. The object of the declaration described in point 4 is in conformity with the Gulf Technical Regulations -----	٥. موضوع الإقرار المبين في الفقرة ٤ مطابق لمتطلبات اللوائح الفنية الخليجية
6. References to the relevant standards used or references to the specifications in relation to which conformity is declared -----	٦. الإشارة إلى المواصفات القياسية الخليجية المطبقة، أو المتطلبات الفنية المستخدمة في الإقرار بالمطابقة
7. The notified body name (if any) -----	٧. اسم الجهة المقبولة (إذا لزم)
8. Number of notified body -----	٨. رقم الجهة المقبولة
9. Notified body scope -----	٩. نطاق تدخل الجهة المقبولة
10. Additional information -----	١٠. معطيات إضافية
This declaration of conformity is issued under the sole responsibility of the importer -----	تم إصدار هذا الإقرار تحت المسؤولية الكاملة للمستورد
Signed for and on behalf of: -----	موقع من طرف وبتفويض عن:
(place and date of issue) -----	(مكان وتاريخ الإصدار)
(name, function) -----	(الاسم، الوظيفة)
(signature) -----	(التوقيع)

#### **Documents to be annexed with this declaration:**

#### **الوثائق الواجب إرفاقها مع هذا الإقرار:**

- |  |   |
|--|---|
| - In case of the intervention of a Notified body the Conformity Assessment Procedure used & certificate issued | - في حالة اللجوء إلى جهة مقبولة، تحديد إجراء تقويم المطابقة المستخدم ونسخة من الشهادة الصادرة عنه |
|--|---|



## Technical Documentation

The Manufacturer shall establish the Technical Documentation, which shall make it possible to assess the conformity of electrical equipment to the relevant requirements, and shall include an adequate analysis and assessment of the risk(s).

Upon request of the Competent National Authorities, the Technical Documentation shall be provided by the Manufacturer.

It shall include:

- ✓ a general description of electrical equipment;
- ✓ a detailed description with conceptual design and manufacturing drawings, including a list of components, materials, sub-assemblies and circuits, (including descriptions and explanations necessary for the understanding of those drawings and schemes and the operation of electrical equipment);
- ✓ analysis and assessment of the risk(s);
- ✓ results of design calculations made, examinations carried out, etc.;
- ✓ test reports from Manufacturer's laboratories, or from a Notified Body, or CB Test Certificates and Test Reports;
- ✓ a list of the Gulf or IEC Standards applied in full or in part, and descriptions of the solutions adopted to meet the essential requirements of the Gulf Technical Regulations in force;
- ✓ description of the conformity assessment procedure followed and copy of Gulf-type examination certificate;
- ✓ description of the solutions adopted by the Manufacturer to ensure the conformity of the production with the type specified in the Gulf-type examination certificate, and copies of documents sent by the Manufacturer to the Notified Body;
- ✓ the addresses of the places of manufacture and storage of electrical equipment.

Notified Bodies are responsible for reviewing and confirming the technical documentation submitted by the Manufacturer and keep a copy of the records on file at the Notified Body.

Unless there is a valid reason or evident concern related to the conformity of the products with the Essential Requirements of the GSO LV TR there is no need for the member states competent authorities to request a copy of the test reports or the complete technical documentation for purpose of import inspection. Type Examination Certificates and declarations of conformity are the proof of conformity required for the routine surveillance.

For further details refer to CHAPTER V - OBLIGATIONS AND POWERS OF MEMBER STATES in the GSO LV TR.

In case it is deemed necessary technical documentation can be required from the companies registered on GSO tracking system as Economic Operator (manufacturer) or from the Notified Body in accordance with Art. (25) of the regulation.

<sup>3</sup> See section 4 "Certificate Tracking System".





## 2. PRODUCTS IN LIST (2)

### 2.1 List (2) scope – Introduction

For products included in List (2) mandatory certification involving a Notified Body is required and the Gulf Conformity Tracking Symbol (GCTS) marking is mandatory.

Product is considered in scope of List (2) on the base of:

#### **Equipment: Is it in scope of Low Voltage regulation?**

all electrical and electronic devices and appliances and fixtures that contain electrical and/or electronic components designed for use with a voltage rating of between 50 and 1000 V for alternating current and between 75 and 1500 V for direct current, other than exclusions. (see Chapter 1.1)

#### **Product category: Is it among the 13 categories included in List (2)?**

If in doubt, check reference HS codes and check following sections for examples of products in scope.

#### **Product intended use: Is it intended for household or similar use?** (See Chapter 2.2)

#### **HS code: Is the HS code declared for the products included in List (2)?**

If all of the above 4 conditions are met continue by checking the given examples of products in the relevant category as shown in the next section in order to verify exclusions and limitations.

See below decision tree in Fig. 2.1a and Explanations regarding the HS codes used in this section.



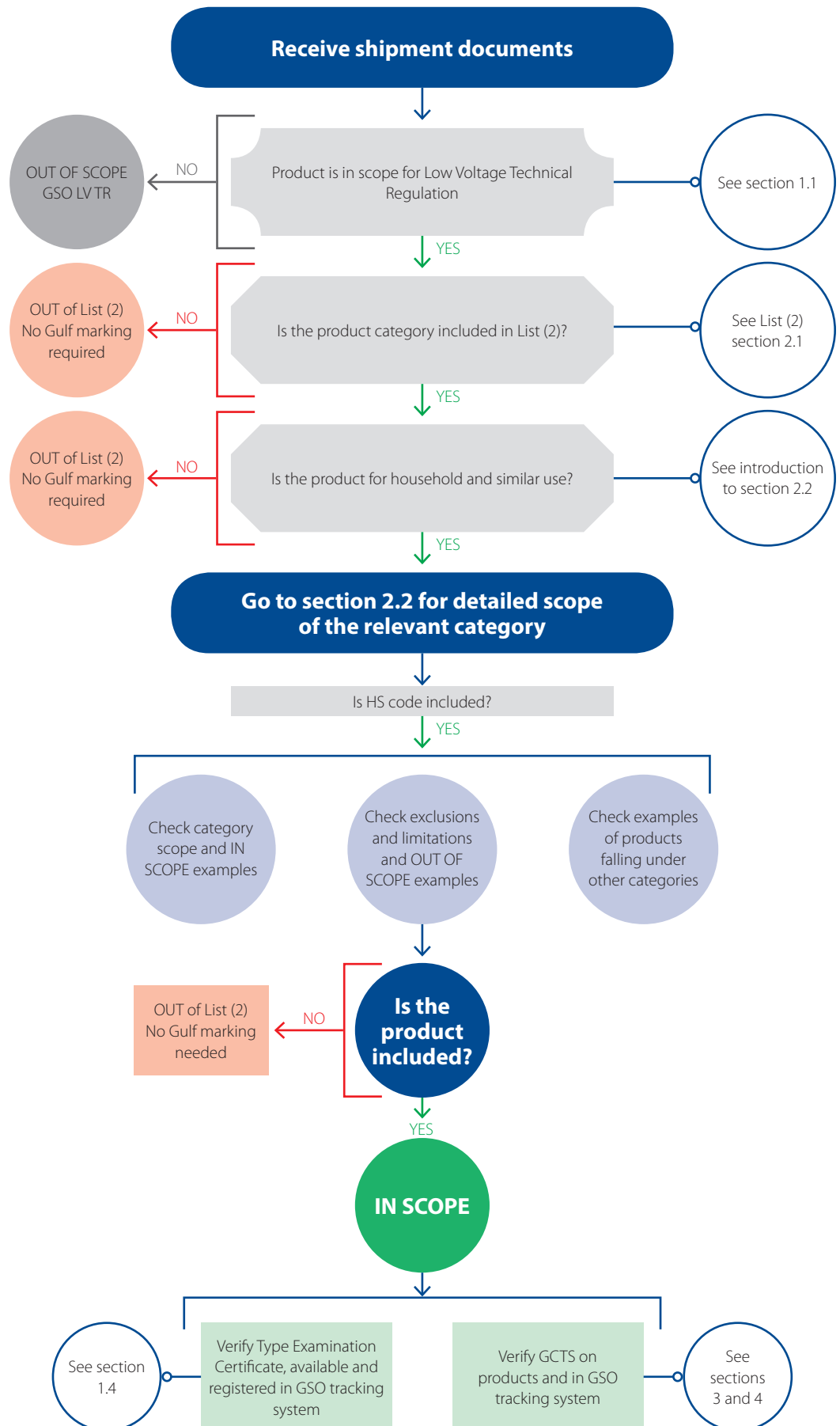


FIG. 2.1A DECISION TREE TO CLASSIFY PRODUCTS REQUIRING GULF TYPE EXAMINATION CERTIFICATE

## Explanations regarding the HS codes used in this section

All HS codes ("Harmonized System" - World Customs Organization Harmonized Commodity Description and Coding System) used in this guidance document are following those codes used in the List (2) - TC143307-01 Release (1) dated: 06 August 2014 as published by the GSO on its website.

To facilitate the use of this guidance in the front section of each category section below the descriptions of the relevant headings are stated for reference as provided in the "**GCC COMMON EXTERNAL CUSTOMS TARIFF (2012)**" upon which the List (2) was based.

Additionally the updated descriptions and additional subheadings given in the most recent edition of "**The Unified Customs Tariff for GCC States 2017**" have been provided for easier reference.

A correlation table is provided in the Annex of this document.

For commodity codes in List (2) ending in double-zero ("00" in the 7th and 8th digit) for which additional commodity codes have been defined under the same 6-digit sub-heading in the 2017 edition of the GCC Customs Tariff those additional codes are to be considered in scope.

### EXAMPLE:

Category 1 – Domestic Electrical Fans

HS code	Description	Remark
<b>84 14 51 00</b>	<b>Table, floor, wall, window, ceiling or roof fans, with a selfcontained electric motor of an output not exceeding 125 W.</b>	<b>(2012 edition)</b>

The HS code 84 14 51 00 in category 1 of List (2) also covers these newly added commodity codes:

84 14 51 10	<i>Table, floor, wall, window, ceiling or roof fans, with a selfcontained electric motor of an output not exceeding 25 W</i>	<i>(2017 edition)</i>
84 14 51 20	<i>Table, floor, wall, window, ceiling or roof fans, with a selfcontained electric motor of an output exceeding 25 W but not exceeding 125 W.</i>	<i>(2017 edition)</i>





For certain products within the scope of List (2) no HS codes have been included in TC143307-01 Release (1). For those cases additional relevant commodity codes based on the 2017 edition of the GCC Customs Tariff have been added in this document for guidance.

**EXAMPLE:**

Category 12 – Plugs, Socket outlets, Adaptors, Cord Extension, Sets and chargers

<u>85 04</u>	<u>Electrical transformers, static converters (for example, rectifiers) and inductors.</u>
	- Static converters:
<u>85 04 40</u>	<u>--- Electrical static converters for automatic data processing machines, there units and communication apparatus:</u>
<u>85 04 40 13</u>	<u>--- - Charger for dry batteries</u>
<u>85 36</u>	<u>Electrical apparatus for switching or protecting electrical circuits, or for making connections to or in electrical circuits (for example, switches, relays, fuses, surge suppressors, plugs, sockets, lamp holders and other connectors, junction boxes), for a voltage not exceeding 1 000 V; connectors for optical fibres, optical fibre bundles or cables</u>
<u>85 36 69</u>	<u>- Lamp-holders, plugs and sockets : -- Other :</u>
<u>85 36 69 20</u>	<u>--- Other plugs and sockets</u>
<u>85 36 90</u>	<u>- Other apparatus:</u>
	<u>--- Other:</u>
<u>85 36 90 91</u>	<u>--- - Adapters, wether or not incorporating a slot for USB or the like.</u>

Commodity codes from List (2) with additional digits defining commodity codes under the national customs coding system, as used e.g. in the Kingdom of Saudi Arabia, are to be considered in scope.

However to avoid any misunderstanding these national commodity codes and their descriptions have not been included in this guidance document.

**EXAMPLE:**

<b>85 09 40 00</b>	<b>- Food grinders and mixers; fruit or vegetable juice extractors</b>	<b>(GCC)</b>
850940000000	- Food grinders and mixers; fruit or vegetable juice extractors	(Saudi Customs)
850940000001	Food mills	(Saudi Customs)
850940000002	food Mixers	(Saudi Customs)
850940000003	Fruit Juices	(Saudi Customs)
850940000004	Vegetable juices	(Saudi Customs)

Any shipments incorrectly designated under non-GCC countries commodity codes not existing or assigned with a different commodity in the GCC customs union coding system shall be reclassified under the GCC Customs Tariff commodity codes before deciding whether the products shall be considered in scope of List (2) or not.

The following typographical conventions regarding the HS codes have been used in this chapter:

<b>HS element</b>	<b>Typography</b>	<b>Meaning</b>
NN NN	(Normal typeface)	Heading
NN NN NN	(Normal typeface)	Subheading
<b>NN NN NN NN</b>	<b>(bold typeface)</b>	<b>Commodity code as contained in List (2)</b>
<i>NN NN NN NN</i>	<i>(italic typeface)</i>	<i>equivalent code from GCC HS-2017</i>
<u>NN NN NN NN</u>	<u>(underlined typeface)</u>	<u>additional relevant commodity code</u>





## **2.2 Classification of products in List (2)**

---

The specified equipment and appliances in the current version of List (2) (Document Ref# TC143307-01) are the first implementation phase of GSO LVTR, the said List (2) has included products that are for household and similar use which are considered high risk products since they are intended to be used by non-trained end-users and consumers.

Appliances that can be installed in public venues and common spaces - such as shops, offices, restaurants, bakeries, bed & breakfasts, hotels, light industry and farms – and can be used by nonprofessionals are also considered in scope.

Products exclusively for commercial or industrial use and not commonly used by end-users and consumers are considered out of scope of this version of List (2).

Products that can be used in both applications shall be considered in implementation.

Please see the chapter relevant to each category under list (2) for a detailed guidance about the products in scope and out of scope.

## Category 1: Domestic electrical fans

84 14	Air or vacuum pumps, air or other gas compressors and fans; ventilating or recycling hoods incorporating a fan, whether or not fitted with filters.	
84 14 5x	Fans	
<b>84 14 51 00</b>	<b>Table, floor, wall, window, ceiling or roof fans, with a selfcontained electric motor of an output not exceeding 125 W.</b>	
84 14 51 10	<i>Table, floor, wall, window, ceiling or roof fans, with a selfcontained electric motor of an output not exceeding 25 W</i>	<i>New HS code from The Unified Customs Tariff for GCC States 2017</i>
84 14 51 20	<i>Table, floor, wall, window, ceiling or roof fans, with a selfcontained electric motor of an output exceeding 25 W but not exceeding 125 W.</i>	<i>New HS code from The Unified Customs Tariff for GCC States 2017</i>
<b>84 14 59 00</b>	<b>Other</b>	







## Applicable Standards:

	<i>International standards</i>	<i>Remarks</i>
<b>Electrical Safety:</b>	IEC 60335-1	general requirements
	IEC 60335-2-80	particular requirements for fans
<b>Electromagnetic Compatibility:</b>	CISPR 14-1	
	CISPR 14-2	
	IEC 61000-3-2	
	IEC 61000-3-3	
	IEC 61000-3-11	equipment rated > 16 A
	IEC 61000-3-12	equipment rated > 16 A

## *Scope and Limitations*

### *The scope includes*

- 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;

### *The scope excludes:*

- 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.

### *Additional information:*

Fans intended for operation in non-air conditioned environments shall be tested to be suitable for tropical climates



## 01-A Products in scope: examples

### 01-A-1

Ceiling fans (also in combination with luminaire)



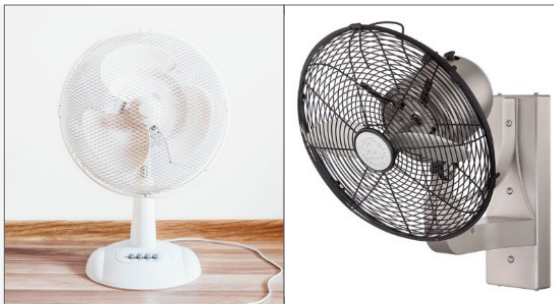
### 01-A-2

Pedestal fans and tower fans



### 01-A-3

Table fans and wall fans



### 01-A-4

Floor standing fans and box fans



### 01-A-5

Air mover / blower fan for household and similar use



### 01-A-6

Duct fans for household use



**01-A-7**

Partition fans  
and exhaust fans  
for household  
use



## 01-B Products out of scope: examples

### 01-B-1

Air-purifiers /  
Dehumidifiers



### 01-B-2

Evaporative air  
coolers



### 01-B-3

Mist fans



### 01-B-4

Air curtains



### 01-B-5

Exhaust fans for  
non-household  
use



### 01-B-6

Mini Sirocco fans



### 01-B-7

Fan for cooling  
electric  
equipment



**01-B-8**

Roof-top Fan

**01-B-9**

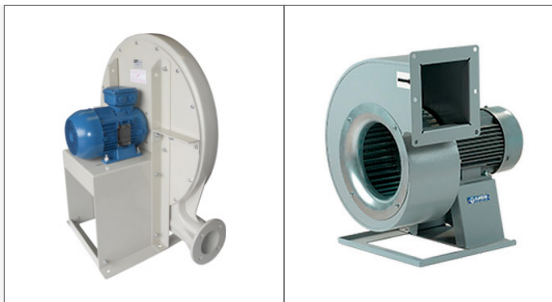
Range hoods

**01-B-10**

Industrial purpose fans

**01-B-11**

High pressure centrifugal fan





## Category 2: Refrigerators, freezers and other refrigerating and freezing equipment

84 18	Refrigerators, freezers and other refrigerating or freezing equipment, electric or other; heat pumps other than air conditioning machines of heading 84.15.	this HS code may cover appliances above 900 liters [or 30 cubic feet] capacity which are however excluded from the scope of List (2)
<b>84 18 10 00</b>	<b>Combined refrigerator-freezers, fitted with separate external doors</b>	
<b>84 18 21 00</b>	<b>Refrigerators, household type: Compression-type</b>	
<b>84 18 29 00</b>	<b>Refrigerators, household type: Other</b>	
<b>84 18 30 00</b>	<b>Freezers of the chest type, not exceeding 800 liters capacity</b>	
<b>84 18 40 00</b>	<b>Freezers of the upright type, not exceeding 900 liters capacity</b>	



## Applicable Standards:

	<i>International standards</i>	<i>Remarks</i>
<b>Electrical Safety:</b>	IEC 60335-1	general requirements
	IEC 60335-2-24	particular requirements for refrigerating appliances
<b>Electromagnetic Compatibility:</b>	CISPR 14-1	
	CISPR 14-2	
	IEC 61000-3-2	
	IEC 61000-3-3	
	IEC 61000-3-11	equipment rated > 16 A
	IEC 61000-3-12	equipment rated > 16 A





## *Scope and Limitations*

### *The scope includes*

household refrigerating appliances:

- single door refrigerators and 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.

### *The scope excludes:*

- ice makers;
- ice-cream appliances;
- water coolers and other cooling appliances;
- refrigerating appliances exceeding 900 liters capacity;
- chest freezers exceeding 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;
- motor-compressors as parts for refrigerators.

### *Additional information:*

Appliances intended for operation in non-air conditioned environments shall be tested to be suitable for tropical climates.

## 02-A Products in scope: examples

### 02-A-1

Single door refrigerators and combined refrigerator-freezers up to 900 liters capacity that may include additional function (for example ice-maker)



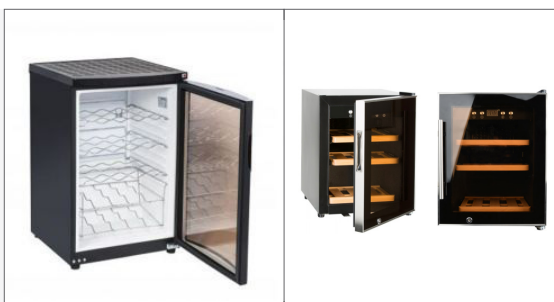
### 02-A-2

Double door or multi-door refrigerators combined refrigerator-freezers up to 900 liters capacity that may include additional function (for example ice-maker)



### 02-A-3

Mini fridges and beverage coolers for household use



**02-A-4**

Chest freezers  
up to 800 liters  
capacity



**02-A-5**

Upright freezers  
up to 900 liters  
capacity



## 02-B Products out of scope: examples

**02-B-1**  
Free standing ice makers: machines for making, storing, dispensing ice



**02-B-2**  
Ice-cream appliances: ice cream and gelato makers and dispensers



**02-B-3**  
Other cooling appliances: water coolers and dispensers



**02-B-4**  
Refrigerating appliances having a rated capacity above 900 litres



**02-B-5**

Chest freezers exceeding 800 liters capacity



**02-B-6**

Refrigerators and freezers used for the display of food products, including beverages, for retail sale



**02-B-7**

Dispensing appliances and vending machines



**02-B-8**

Refrigerating appliances for laboratory and/or medical use



**02-B-9**

Appliances exclusively powered by batteries or DC supply (e.g. car cooling box)



**02-B-10**

Parts for refrigerators:  
motor compressors





### Category 3: Centrifugal clothes dryers and clothes washing machines, including machines which both wash and dry

84 21	Centrifuges, including centrifugal dryers; filtering or purifying machinery and apparatus, for liquids or gases.
<b>84 21 12 00</b>	<b>Centrifuges, including centrifugal dryers: clothes-dryers</b>
84 50	Household or laundry-type washing machines, including machines which both wash and dry.
<b>84 50 11 00</b>	<b>Machines, each of a dry linen capacity not exceeding 10 kg: - fully-automatic machines</b>
<b>84 50 12 00</b>	<b>Machines, each of a dry linen capacity not exceeding 10 kg: - other machines, with built-in centrifugal drier</b>
<b>84 50 19 00</b>	<b>Machines, each of a dry linen capacity not exceeding 10 kg: - other</b>

### Applicable Standards:

	<i>International standards</i>	<i>Remarks</i>
<b>Electrical Safety:</b>	IEC 60335-1	general requirements
	IEC 60335-2-11	particular requirements for tumble dryers
	IEC 60335-2-4	particular requirements for spin extractors
	IEC 60335-2-7	particular requirements for washing machines
<b>Electromagnetic Compatibility:</b>	CISPR 14-1	
	CISPR 14-2	
	IEC 61000-3-2	
	IEC 61000-3-3	
	IEC 61000-3-11	equipment rated > 16 A
	IEC 61000-3-12	equipment rated > 16 A



## *Scope and Limitations*

### *The scope includes*

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 etc.);
- washing machines incorporating a spin extractor or drying function;
- spin extractors.

### *The scope excludes:*

- 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;
- appliances intended for commercial and for industrial purpose;

### 03-A Products in scope: examples

#### 03-A-1

Tumble dryers and washer-dryer combinations with dry linen capacity not exceeding 10 kg.



#### 03-A-2

Electric washing machines, dry linen capacity not exceeding 10 kg, fully automatic or with separate compartments for washing and spin extraction



#### 03-A-3

Spin extractors, stand-alone or as part of a combined appliance, dry linen capacity not exceeding 10 kg



## 03-B Products out of scope: examples

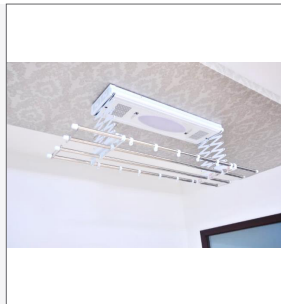
### 03-B-1

Domestic washing or drying appliances with dry linen capacity exceeding 10 kg



### 03-B-2

Electric clothes dryers for drying textiles on racks located in a warm airflow



### 03-B-3

Electrically heated clothes drying cabinets or stands



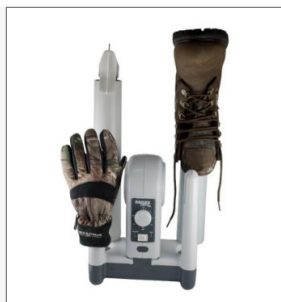
### 03-B-4

Portable/ Foldable electrically heated clothes dryer



### 03-B-5

Clothes dryers intended for drying footwear or gloves



**03-B-6**

Electrically heated towel rails



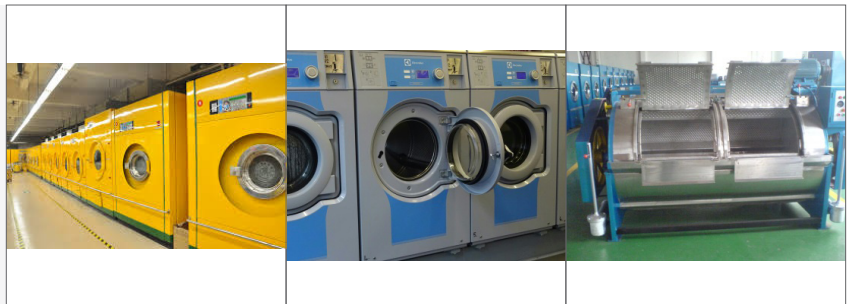
**03-B-7**

Laundromat dryers or washers (e.g. coin operated)



**03-B-8**

Industrial washing or drying appliances, incl. dry-cleaning machines



**03-B-9**

Dishwashers





## Category 4: Food grinders and mixers, fruit or vegetable juice extractors

---

85 09	Electro-mechanical domestic appliances, with self-contained electric motor, other than vacuum cleaners of heading 85.08.	-
<b>85 09 40 00</b>	<b>- Food grinders and mixers; fruit or vegetable juice extractors</b>	-



### Applicable Standards:

	<i>International standards</i>	<i>Remarks</i>
<b>Electrical Safety:</b>	IEC 60335-1	general requirements
	IEC 60335-2-14	particular requirements for kitchen machines
<b>Electromagnetic Compatibility:</b>	CISPR 14-1	
	CISPR 14-2	
	IEC 61000-3-2	
	IEC 61000-3-3	
	IEC 61000-3-11	equipment rated > 16 A
	IEC 61000-3-12	equipment rated > 16 A



## *Scope and Limitations*

### *The scope includes*

- food grinders;
- mincers;
- food mixers;
- centrifugal juicers and slow juicers;
- citrus-fruit squeezers;
- berry-juice extractors;
- blenders;
- coffee mills;
- grain grinders;
- multifunctional food processors and kitchen machines, only for household use;
- cream whippers;
- egg beaters.

### *The scope excludes:*

- graters;
- bean slicers;
- shredders;
- choppers without food mixing or blending functions;
- slicing machines;
- can openers;
- knife sharpeners;
- knives;
- 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.

## 04-A Products in scope: examples

### 04-A-1

Food grinder –  
Mincer



### 04-A-2

Food grinder and mixer – Table stand type  
(provides with mincer and mixer function  
by using different attachments)



### 04-A-3

Food mixer –  
Table stand type



### 04-A-4

Food mixer –  
Combined type  
(Hand-held and  
Stand type)



### 04-A-5

Food mixer –  
Hand-held type



**04-A-6**

Fruit or vegetable juice extractors – Centrifugal juicer or slow juicer



**04-A-7**

Fruit juice extractors – Citrus-fruit squeezer



**04-A-8**

Food mixer – Stick blender (Hand-held blender)



**04-A-9**

Food mixer – Table blender, also in combination with multi-functional kitchen machines





**04-A-10**

Coffee mill /  
coffee grinder



**04-A-11**

Grain grinder



**04-A-12**

Food processor  
for food mixing  
or food blending



## 04-B Products out of scope: examples

### 04-B-1

Vegetable Grater, Slicer and Shredder, without food mixing or blending functions



### 04-B-2

Chopper without food mixing or food blending functions



### 04-B-3

Slicing machine for meat, cheese, bread or similar



### 04-B-4

Can opener





**04-B-5**

Knife sharpener



**04-B-6**

Electric knife



**04-B-7**

Ice-cream maker/machine



**04-B-8**

Potato, fruit or vegetable peeler



**04-B-9**

Milk frother  
(blending + heating function)



**04-B-10**

Noodle maker



**04-B-11**

Food waste disposers



**04-B-12**

Commercial or industrial machinery for the preparation of meat or poultry



**04-B-13**

Commercial or industrial food processing equipment





## Category 5: Toasters

---

85 16	Electric instantaneous or storage water heaters and immersion heaters; electric space-heating apparatus and soil-heating apparatus; electrothermic hairdressing apparatus (for example, hairdryers, hair curlers, curling tong heaters) and hand dryers; electric smoothing irons; other electrothermic appliances of a kind used for domestic purposes; electric heating resistors, other than those of heading 8545.
<b>85 16 72 00</b>	<b>Other electro-thermic appliances: Toasters</b>





## Applicable Standards:

	<i>International standards</i>	<i>Remarks</i>
<b>Electrical Safety:</b>	IEC 60335-1	general requirements
	IEC 60335-2-9	grills, toasters and similar portable cooking appliances
<b>Electromagnetic Compatibility:</b>	CISPR 14-1	
	CISPR 14-2	
	IEC 61000-3-2	
	IEC 61000-3-3	
	IEC 61000-3-11	equipment rated > 16 A
	IEC 61000-3-12	equipment rated > 16 A

## *Scope and Limitations*

### *The scope includes*

- bread toasters for household and similar use; (vertical and/or horizontal heating);
- sandwich toasters;
- oven toasters;
- combination toasters;

### *The scope excludes:*

- non-household use toasters.



## 05-A Products in scope: examples

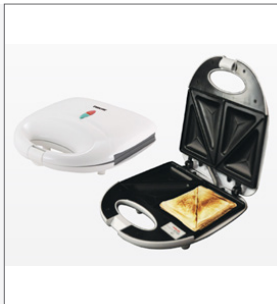
### 05-A-1

Toasters



### 05-A-2

Sandwich toasters



### 05-A-3

Oven toasters



### 05-A-4

Combination toasters



## 05-B Products out of scope: examples

### 05-B-1

Commercial  
toasters



## Category 6: Electro-thermic hair dressing apparatus and hand dryers

85 16	Electric instantaneous or storage water heaters and immersion heaters; electric space-heating apparatus and soil-heating apparatus; electrothermic hairdressing apparatus (for example, hairdryers, hair curlers, curling tong heaters) and hand dryers; electric smoothing irons; other electrothermic appliances of a kind used for domestic purposes; electric heating resistors, other than those of heading 85.45	-
<b>85 16 31 00</b>	<b>- Electro-thermic hair-dressing or hand-drying apparatus: -- Hair dryers</b>	-
<b>85 16 32 00</b>	<b>- Electro-thermic hair-dressing or hand-drying apparatus: -- Other hair-dressing apparatus</b>	-
<b>85 16 33 00</b>	<b>- Electro-thermic hair-dressing or hand-drying apparatus: -- Hand-drying apparatus</b>	-

### Applicable Standards:

	<i>International standards</i>	<i>Remarks</i>
<b>Electrical Safety:</b>	IEC 60335-1	general requirements
	IEC 60335-2-23	particular requirements for appliances for skin or hair care
<b>Electromagnetic Compatibility:</b>	CISPR 14-1	
	CISPR 14-2	
	IEC 61000-3-2	
	IEC 61000-3-3	
	IEC 61000-3-11	equipment rated > 16 A
	IEC 61000-3-12	equipment rated > 16 A



## *Scope and Limitations*

### *The scope includes*

- 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.

### *The scope excludes:*

- 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. for 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.



## 06-A Products in scope: examples

### 06-A-1

Hand-held type  
Hair dryer



### 06-A-2

Hair Straightener  
/ Hair Flattener



### 06-A-3

Curling iron /  
Hair curler



### 06-A-4

Hair roller set  
(heater for  
detachable  
curlers)



### 06-A-5

Hot Air Brush /  
Curling comb



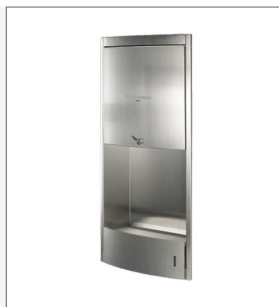
**06-A-6**

Hand-drying apparatus / Hand Dryer



**06-A-7**

Wall mount air-blade (Hand dryer)



**06-A-8**

Wall-mount type hair dryer/ station with hand-held part



**06-A-9**

Wall-mounted Hair dryer/ station



## 06-B Products out of scope: examples

### 06-B-1

Facial sauna



### 06-B-2

Hair Clipper



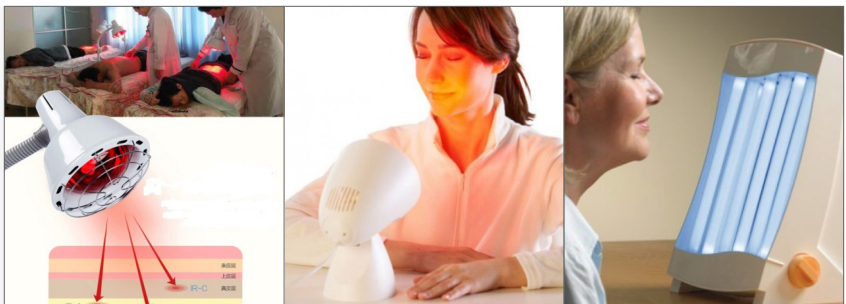
### 06-B-3

Hair remover,  
epilator



### 06-B-4

Therapeutic /  
Cosmetic Lamp  
(IR, UV)



### 06-B-5

Nails care  
appliance  
(pedicure,  
manicure)



**06-B-6**

Nails Dryer



**06-B-7**

Electronic Towel dispenser /  
Electronic Soap dispenser



**06-B-8**

Helmet type hair drying apparatus  
for use in  
hairdressing salons



**06-B-9**

Permanent wave  
appliance for use  
in hairdressing  
salons



**06-B-10**

Animal clippers,  
animal shearers



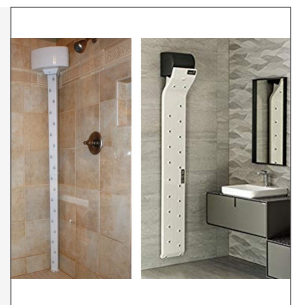
**06-B-11**

Blankets,  
pads, clothing  
and similar  
flexible heating  
appliances



**06-B-12**

Electric body  
dryers



## Category 7: Domestic electric heating apparatus

85 16	Electric instantaneous or storage water heaters and immersion heaters; electric space-heating apparatus and soil-heating apparatus; electrothermic hairdressing apparatus (for example, hairdryers, hair curlers, curling tong heaters) and hand dryers; electric smoothing irons; other electrothermic appliances of a kind used for domestic purposes; electric heating resistors, other than those of heading 85.45	-
<b>85 16 29 10</b>	<b>- Electric space heating apparatus and electric soil heating apparatus:</b> <b>-- Other:</b> <b>--- Domestic electric heating apparatus</b>	-





## Applicable Standards:

	<i>International standards</i>	<i>Remarks</i>
<b>Electrical Safety:</b>	IEC 60335-1	general requirements
	IEC 60335-2-30	requirements for room heaters
<b>Electromagnetic Compatibility:</b>	CISPR 14-1	
	CISPR 14-2	
	IEC 61000-3-2	
	IEC 61000-3-3	
	IEC 61000-3-11	equipment rated > 16 A
	IEC 61000-3-12	equipment rated > 16 A

## *Scope and Limitations*

### *The scope includes*

- 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;
- electric space heaters;

### *The scope excludes:*

- 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;



## 07-A Products in scope: examples

### 07-A-1

Fan Heater



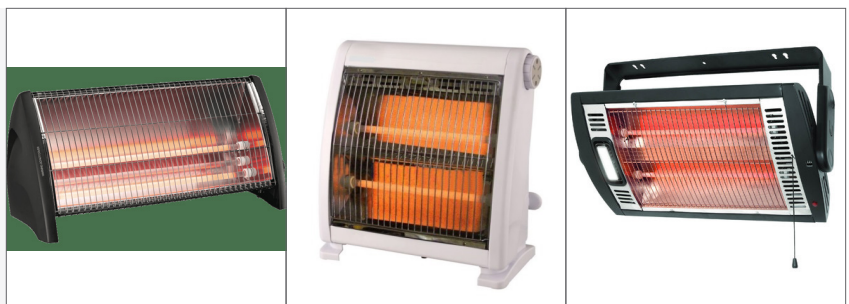
### 07-A-2

Liquid-filled radiator



### 07-A-3

Radiant heater





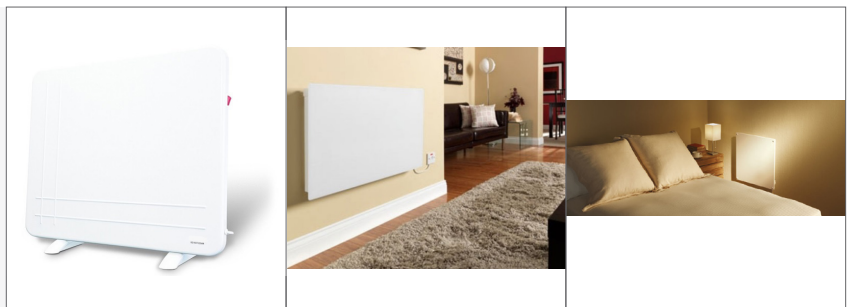
**07-A-4**

Fireplace heater  
(electric heater  
with decorative  
visual effects)



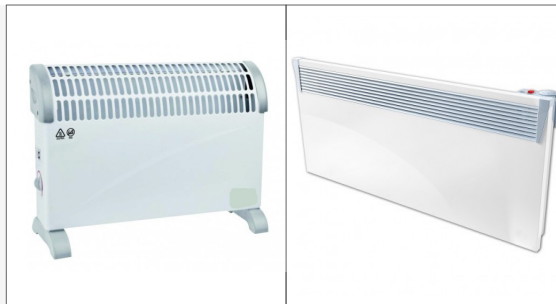
**07-A-5**

Panel heater



**07-A-6**

Convection  
Heater



**07-A-7**

Tubular heater



**07-A-8**

Heaters for use  
in greenhouses,  
for domestic use



**07-A-9**

Ceiling mounted  
heat lamp  
appliances

May be also  
combined with  
other functions  
such as fan  
heater, exhaust  
fan, lighting



**07-A-10**

Electric space  
heater / Patio  
heater



## 07-B Products out of scope: examples

### 07-B-1

Cab heaters  
or heaters for  
caravans



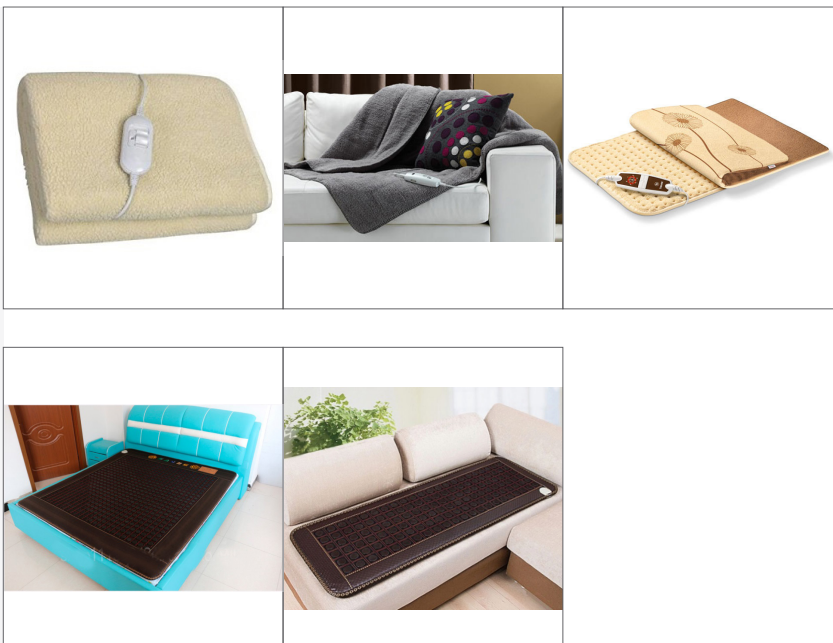
### 07-B-2

Heaters for use  
in greenhouses,  
not for domestic  
use



### 07-B-3

Heating blanket,  
Heating Pad,  
Heating Mattress



### 07-B-4

Foot warmer



**07-B-5**

Under Carpet Heating Mats



**07-B-6**

Thermal storage heating radiators



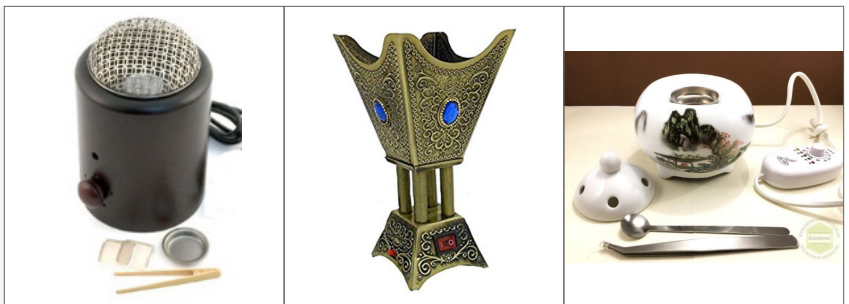
**07-B-7**

Sauna heating appliances



**07-B-8**

Electric incense burner



**07-B-9**

Electrically heated towel rails



**07-B-10**

Gas or kerosene fan heaters or other types of non-electrical heaters (no electrical heating elements), also those with electrical connections for control and the operation of built-in fans



**07-B-11**

Gas-fired space heaters / patio heaters



**07-B-12**

Industrial electric heaters



**07-B-13**

Industrial fan heaters (diesel, kerosene, gas-fired)







## Category 8: Microwave ovens

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85 16	Electric instantaneous or storage water heaters and immersion heaters; electric space-heating apparatus and soil-heating apparatus; electrothermic hairdressing apparatus (for example, hairdryers, hair curlers, curling tong heaters) and hand dryers; electric smoothing irons; other electrothermic appliances of a kind used for domestic purposes; electric heating resistors, other than those of heading 8545.
<b>85 16 50 00</b>	<b>Microwave ovens</b>

## Applicable Standards:

	<i>International standards</i>	<i>Remarks</i>
<b>Electrical Safety:</b>	IEC 60335-1	general requirements
	IEC 60335-2-25	particular requirements for microwave ovens, including combination microwave ovens
<b>Electromagnetic Compatibility:</b>	CISPR 14-1	
	CISPR 14-2	
	CISPR 11	
	IEC 61000-3-2	
	IEC 61000-3-3	
	IEC 61000-3-11	equipment rated > 16 A
	IEC 61000-3-12	equipment rated > 16 A



## *Scope and Limitations*

### *The scope includes*

- microwave ovens;
- combination microwave ovens.

### *The scope excludes:*

- non-household microwave ovens (commercial, industrial, microwave for laboratories);
- parts of microwaves ovens.



## 08-A Products in scope: examples

### 08-A-1

Free standing  
microwave



### 08-A-2

Built-in  
microwave



### 08-A-3

Microwave with  
grill function



### 08-A-4

Combination  
microwave  
ovens



## 08-B Products out of scope: examples

### 08-B-1

Commercial microwave ovens



### 08-B-2

Microwave for laboratories



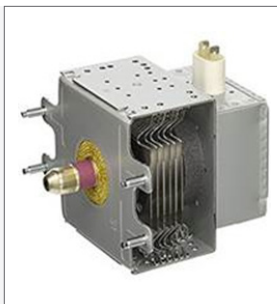
### 08-B-3

Microwave for industrial processing



### 08-B-4

Parts for microwave ovens:  
Magnetrons



## Category 9: Other ovens; cookers, cooking plates, boiling rings, grillers and roasters

85 16	Electric instantaneous or storage water heaters and immersion heaters; electric space-heating apparatus and soil-heating apparatus; electrothermic hairdressing apparatus (for example, hairdryers, hair curlers, curling tong heaters) and hand dryers; electric smoothing irons; other electrothermic appliances of a kind used for domestic purposes; electric heating resistors, other than those of heading 85.45
<b>85 16 60 00</b>	<b>Other ovens, cookers, cooking plates, boiling rings, grillers and roasters</b>

**NOTE:**

Warming plates and similar appliances, soy milk makers and yoghurt makers may be declared under the following HS code:

85167990 "Other" thermoelectric appliances

Even if declared under an alternative HS code, these products are considered included in List 2.





## Applicable Standards:

	<i>International standards</i>	<i>Remarks</i>
<b>Electrical Safety:</b>	IEC 60335-1	general requirements
	IEC 60335-2-6	stationary cooking ranges, hobs, ovens and similar appliances
	IEC 60335-2-9	grills, toasters and similar portable cooking appliances
	IEC 60335-2-12	warming plates and similar appliances
	IEC 60335-2-13	deep fat fryers, frying pans and similar appliances
	IEC 60335-2-15	appliances for heating liquids
	IEC 60335-2-102	gas, oil and solid-fuel burning appliances having electrical connections
<b>Electromagnetic Compatibility:</b>	CISPR 14-1	
	CISPR 14-2	
	IEC 61000-3-2	
	IEC 61000-3-3	
	IEC 61000-3-11	equipment rated > 16 A
	IEC 61000-3-12	equipment rated > 16 A

## *Scope and Limitations*

### *The scope includes*

- electrical stationary cooking ranges, hobs, ovens and similar appliances;
- mixed gas/electric cooking appliances including electric heating elements (e.g. gas range with electric oven);
- grills, roasters, hot plates, cookers, boilers, table-top ovens, air fryers, waffle irons, pancake makers, bread makers and similar portable cooking or baking appliances;
- 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;
- soy milk makers;
- yoghurt makers.

### *The scope excludes:*

- 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;
- coffee and tea makers;
- samovars;
- feeding-bottle heaters;
- 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.



## 09-A Products in scope: examples

### 09-A-1

Free standing ovens



### 09-A-2

Built-in ovens



### 09-A-3

Steam ovens



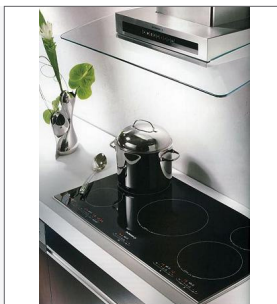
### 09-A-4

Electric or gas-electric cooking ranges



### 09-A-5

Induction hobs



### 09-A-6

Electric hobs



**09-A-7**

Induction wok elements



**09-A-8**

Electric Griddles



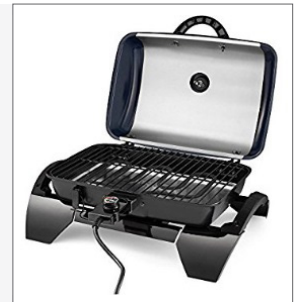
**09-A-9**

Electric Grills



**09-A-10**

Barbecues for indoor use



**09-A-11**

Contact grills



**09-A-12**

Hotplates and induction hotplates



**09-A-13**

Induction wok hotplates



**09-A-14**

Portable ovens  
and table-top  
cookers



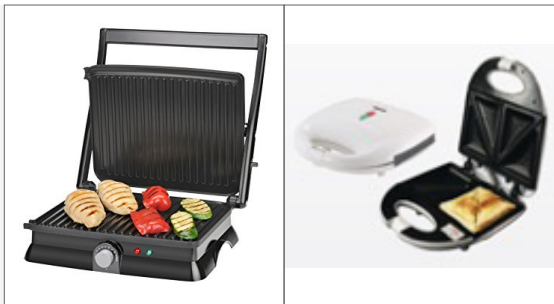
**09-A-15**

Raclette grills



**09-A-16**

Contact grills  
(also Sandwich  
grills)



**09-A-17**

Rotary grills



**09-A-18**

Roasters



**09-A-19**

Rotisseries





**09-A-20**

Hot air fryers



**09-A-21**

Warming plates

NOTE: In scope even if declared under alternative HS code 85167990 "Other thermoelectric appliances"



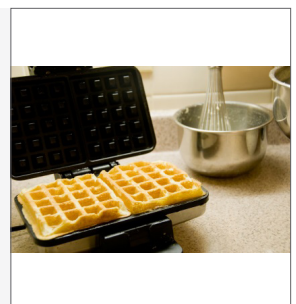
**09-A-22**

Bread makers



**09-A-23**

Waffle irons



**09-A-24**

Crepe/pancake makers



**09-A-25**

Electric frying pans



**09-A-26**

Electric woks



**09-A-27**

Cooking pans



**09-A-28**

Cookers



**09-A-29**

Pressure cookers



**09-A-30**

Rice cookers



**09-A-31**

Slow cookers



**09-A-32**

Steam cookers



**09-A-33**

Egg boilers



**09-A-34**

Soy milk makers

NOTE: In scope even if declared under alternative HS code 85167990 "Other thermoelectric appliances"



**09-A-35**

Yoghurt makers

NOTE: In scope even if declared under alternative HS code 85167990 "Other thermoelectric appliances"



## 09-B Products out of scope: examples

### 09-B-1

Gas ranges

with electrical connection only for ignition, fan and/or lamp – No electrical heating elements



### 09-B-2

Barbecues for outdoor use



### 09-B-3

Deep fat fryers for household use



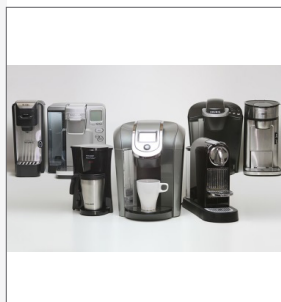
### 09-B-4

Kettles and other appliances for boiling water



### 09-B-5

Coffee makers



**09-B-6**

Tea makers



**09-B-7**

Samovars



**09-B-8**

Feeding-bottle heaters



**09-B-9**

Milk heaters  
(also milk frothers)



**09-B-10**

Chocolate fondue fountain



**09-B-11**

Pop-corn makers



**09-B-12**

Coffee Roaster



**09-B-13**

Candy floss makers



**09-B-14**

Food dehydrators



**09-B-15**

Electric charcoal starters



**09-B-16**

Commercial  
cooking  
appliances



## Category 10: Electric instantaneous or storage water heaters and immersion heaters

85 16	Electric instantaneous or storage water heaters and immersion heaters; electric space-heating apparatus and soil-heating apparatus; electrothermic hairdressing apparatus (for example, hairdryers, hair curlers, curling tong heaters) and hand dryers; electric smoothing irons; other electrothermic appliances of a kind used for domestic purposes; electric heating resistors, other than those of heading 8545:	
85 16 10	Electric instantaneous or storage water heaters and immersion heaters	
<b>85 16 10 00</b>	<b>Electric instantaneous or storage water heaters and immersion heaters</b>	This HS code may cover appliances above 200 liters capacity which are however excluded from the scope of List (2)
85 16 10 10	<i>Electric instantaneous or storage water heaters and immersion heaters, of a capacity 200 liters or less</i>	<i>New HS code from The Unified Customs Tariff for GCC States 2017</i>





## Applicable Standards:

	<i>International standards</i>	<i>Remarks</i>
<b>Electrical Safety:</b>	IEC 60335-1	general requirements
	IEC 60335-2-35	instantaneous water heaters
	IEC 60335-2-21	storage water heaters
	IEC 60335-2-73	fixed immersion water heaters
	IEC 60335-2-74	portable immersion water heaters
<b>Electromagnetic Compatibility:</b>	CISPR 14-1	
	CISPR 14-2	
	IEC 61000-3-2	
	IEC 61000-3-3	
	IEC 61000-3-11	equipment rated > 16 A
	IEC 61000-3-12	equipment rated > 16 A



## *Scope and Limitations*

### *The scope includes*

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.

### *The scope excludes:*

- 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 solarthermal), also if provided with electrical connection for ignition, control etc.;
- heating elements incorporated in portable appliances;
- Industrial purposes water heaters.



## 10-A Products in scope: examples

### 10-A-1

Instantaneous water heaters



### 10-A-2

Storage water heaters, of a capacity 200 liters or less



### 10-A-3

Fixed immersion heater



### 10-A-4

Portable immersion heater



## 10-B Products out of scope: examples

### 10-B-1

Electric storage water heaters having a capacity exceeding 200 liters



### 10-B-2

Appliances for boiling water



### 10-B-3

Commercial dispensing appliances and vending machines



### 10-B-4

Aquarium heaters



**10-B-5**

Waterbed heaters



**10-B-6**

Portable immersion heater for non-domestic use



**10-B-7**

Engine preheaters such as those for cars and buses



**10-B-8**

Gas-fired water heater, instantaneous or storage



**10-B-9**

Solarthermal water heaters



**10-B-10**

Heating elements incorporated in portable appliances



**10-B-11**

Industrial purposes water heaters



## Category 11: Electric smoothing irons

85 16	Electric instantaneous or storage water heaters and immersion heaters; electric space-heating apparatus and soil-heating apparatus; electrothermic hairdressing apparatus (for example, hairdryers, hair curlers, curling tong heaters) and hand dryers; electric smoothing irons; other electrothermic appliances of a kind used for domestic purposes; electric heating resistors, other than those of heading 85.45	-
<b>85 16 40 00</b>	<b>- Electric smoothing irons</b>	-

### NOTE:

Fabric steamers may be declared under the following HS codes:

- 85167990 "Other" thermoelectric appliances
- 85164000 "smoothing irons"
- 84513000 "Ironing machines and presses (including fusing presses)"

Even if declared under an alternative HS code, these products are considered included in List (2) if they are intended for household and similar use.





## Applicable Standards:

	<i>International standards</i>	<i>Remarks</i>
<b>Electrical Safety:</b>	IEC 60335-1	general requirements
	IEC 60335-2-3	requirements for electric irons
	IEC 60335-2-85	requirements for fabric steamers
<b>Electromagnetic Compatibility:</b>	CISPR 14-1	
	CISPR 14-2	
	IEC 61000-3-2	
	IEC 61000-3-3	
	IEC 61000-3-11	equipment rated > 16 A
	IEC 61000-3-12	equipment rated > 16 A

## *Scope and Limitations*

### *The scope includes*

- electric dry irons and steam irons, including those with a separate water reservoir or boiler;
- electric fabric steamers.

### *The scope excludes:*

- electric ironers; for example
  - 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;
- appliances for industrial and similar use.



## 11-A Products in scope: examples

### 11-A-1

Dry Iron



### 11-A-2

Steam Iron



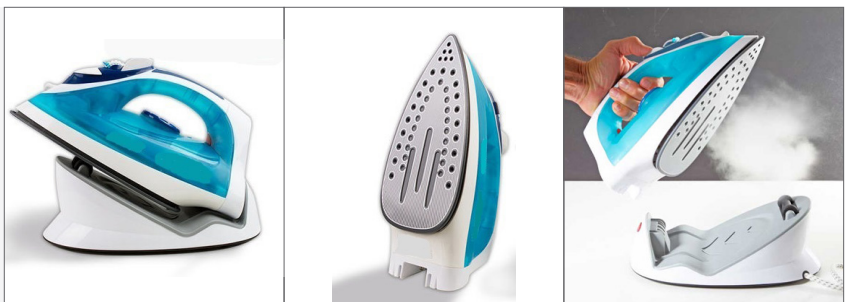
### 11-A-3

Steam Station  
(steam iron with  
separate water  
reservoir or  
boiler)



### 11-A-4

Cordless Steam  
iron





**11-A-5**

Steam Iron



**11-A-6**

Steam Iron integrated with iron board



**11-A-7**

Hand-held type Garment steamer / Fabric steamer

NOTE: In scope even if declared under alternative HS codes 85167990, "Other" thermoelectric appliances, 85164000 "smoothing irons", 84513000 "Ironing machines and presses (including fusing presses)"



**11-A-8**

Portable type Garment steamer / Fabric steamer

NOTE: In scope even if declared under alternative HS codes 85167990, 84513000 "Other" thermoelectric appliances, 85164000 "smoothing irons".



## 11-B Products out of scope: examples

### 11-B-1

Ironing presses



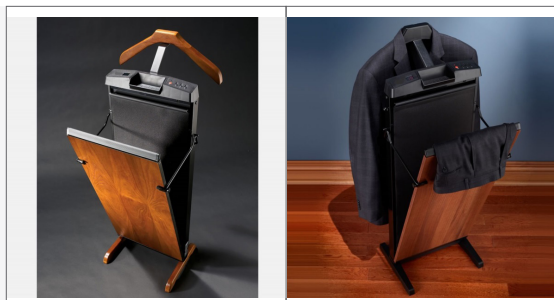
### 11-B-2

Rotary ironers



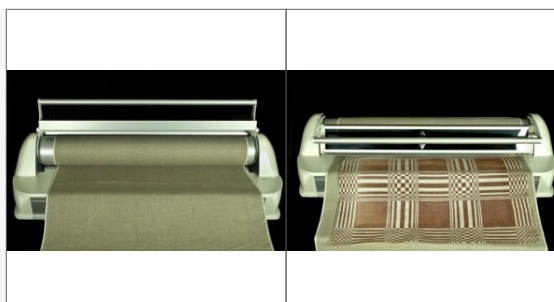
### 11-B-3

Trouser presses



### 11-B-4

Mangle





## Category 12: Plugs, Socket outlets, Adaptors, Cord Extension Sets and chargers

85 44	Insulated (including enamelled or anodised) wire, cable (including coaxial cable) and other insulated electric conductors, whether or not fitted with connectors; optical fibre cables, made up of individually sheathed fibres, whether or not assembled with electric conductors or fitted with connectors
85 44 4x	- Other electric conductors, for a voltage not exceeding 1000 V: -- Fitted with connectors:
<b>85 44 42 20</b>	<b>--- Electric cable of a cross-section not exceeding 10 mm</b>
85 44 42 21	--- Electric cable of a cross-section not exceeding 10 mm ---- Electric connectors for wire of a cross-section [not] exceeding 10 mm
85 44 42 29	--- Electric cable of a cross-section not exceeding 10 mm ---- Other
85 36	Electrical apparatus for switching or protecting electrical circuits, or for making connections to or in electrical circuits (for example, switches, relays, fuses, surge suppressors, plugs, sockets, lamp holders and other connectors, junction boxes), for a voltage not exceeding 1 000 V; connectors for optical fibres, optical fibre bundles or cables
<b>85 36 69 10</b>	<b>- Lamp-holders, plugs and sockets: -- Other: --- Plugs and sockets for co-axial cables and printed circuits</b>

## Reference HS codes

The following HS codes are not included in the official List (2) but are necessary to cover the products in scope of the categories:

<u>85 04</u>	<u>Electrical transformers, static converters (for example, rectifiers) and inductors.</u>
<u>85 04 40</u>	- Static converters: - - - <u>Electrical static converters for automatic data processing machines, there units and communication apparatus:</u>
<u>85 04 40 13</u>	- - - - <u>Charger for dry batteries</u>
<u>85 36</u>	<u>Electrical apparatus for switching or protecting electrical circuits, or for making connections to or in electrical circuits (for example, switches, relays, fuses, surge suppressors, plugs, sockets, lamp holders and other connectors, junction boxes), for a voltage not exceeding 1 000 V; connectors for optical fibres, optical fibre bundles or cables</u>
<u>85 36 69</u>	- <u>Lamp-holders, plugs and sockets :</u> - - <u>Other :</u>
<u>85 36 69 20</u>	- - - <u>Other plugs and sockets</u>
<u>85 36 90</u>	- - - <u>Other:</u> - - - - <u>Adapters, whether or not incorporating a slot for USB or the like.</u>
<u>85 36 90 91</u>	- - - <u>Other:</u> - - - - <u>Adapters, whether or not incorporating a slot for USB or the like.</u>



## Applicable Standards:

	<i>International standards</i>	<i>Remarks</i>
<b>Electrical Safety:</b>	IEC 60335-1	general requirements (chargers only)
	IEC 60335-2-29	requirements for battery chargers
	IEC 60950-1	for low voltage power supply output (USB)
	IEC 60884-1	general requirements (not for chargers)
	IEC 60884-2-1	requirements for fused plugs
	IEC 60884-2-3	requirements for switched socket-outlets without interlock for fixed installations
	IEC 60884-2-6	requirements for switched socket-outlets with interlock for fixed electrical installations
	IEC 60884-2-5	requirements for adaptors
	IEC 60884-2-7 (GSO 2117)	requirements for cord extension sets
	BS 1363-1	requirements for rewirable and non-rewirable 13 A fused plugs (TYPE G) (alternative to IEC 60884)
	BS 1363-2	requirements for 13 A switched and unswitched socket-outlets (TYPE G) (alternative to IEC 60884)
	BS 546	requirements for two-pole and earthing-pin plugs, socket-outlets and socket-outlet adaptors (TYPE D)
<b>Electromagnetic Compatibility:</b>	CISPR 32	In case of cord extension sets, adaptors or similar provided with additional low voltage power supply output (e.g. USB charging)
	IEC 61000-3-2	
	IEC 61000-3-3	

## Scope and Limitations

### *The scope includes*

- 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 socket to multiple socket 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 safety extra low voltage power 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;

### *The scope excludes:*

- 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;
- Transformers;
- Ballasts or LED drivers or other lamp controlgear;
- Portable power stations;
- Battery chargers for commercial, such as in auto garages etc., or for industrial use;
- Electric vehicle chargers.



## 12-A Products in scope: examples

### 12-A-1

Direct plug-in battery charger with battery compartment for charging standard cells.



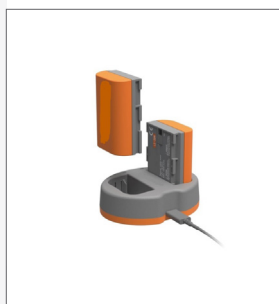
### 12-A-2

Desk-top type battery charger with battery compartment for charging standard cells.



### 12-A-3

Desk-top or plug-in type battery charger with battery compartment for charging specific battery pack(s). (when sold as a separate product)





**12-A-4**

Battery charger without battery compartment intended for charging different sizes/types of battery pack(s)



**12-A-5**

Battery Charger for charging Power tools battery pack. (when sold as a separate product)



**12-A-6**

Universal Battery Charger for charging different type(s) / size(s) battery pack(s)



**12-A-7**

Portable Car battery charger for charging car Lead-acid battery



**12-A-8**

Fused plug, rewirable or non-rewirable (TYPE G), with earthing pin or plastic ISOD (insulated shutter opening device)



### 12-A-9

Socket outlet, fixed installation, switched or unswitched (TYPE G)

Socket outlets may be in combination with other functions, e.g. additional USB power supply or with cooker switch:



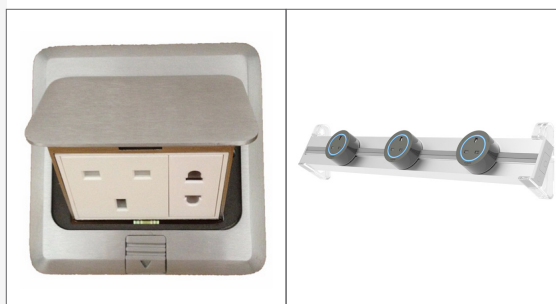
### 12-A-10

BS546 plug and socket outlet, 5 Ampere (TYPE D)



### 12-A-11

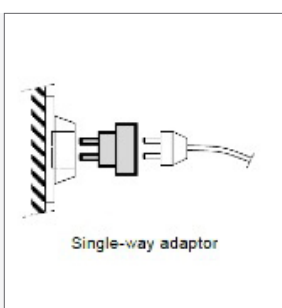

Socket outlets (modular) for integrated use with wiring devices (e.g. power tracks, built-in outlets for furniture, office floors etc.)



<p><b>12-A-12</b></p> <p>Socket outlet, portable (single or multi-tap)</p>		
--	---	--

<p><b>12-A-13</b></p> <p>Cord extension set, switched or unswitched</p>		
---	--	---

<p><b>12-A-14</b></p> <p>Cord extension set with additional function (USB power, surge protection etc.)</p>	
---	---

<p><b>12-A-15</b></p> <p>Single-way adaptor</p>	 <p>Single-way adaptor</p>	
---	---	--

### 12-A-16

Adaptor & Adaptor with additional function (timer, USB power, remote switch, energy saver etc.)



### 12-A-17

Multi-way adaptor



## 12-B Products out of scope: examples

### 12-B-1

Power supply / AC-DC adaptor, direct plug-in or desktop type



### 12-B-2

Power supply for battery charging inside the final product (e.g. power tool)



### 12-B-3

AC-DC adaptor for charging the mobile phone and tablets (USB output or other type)



### 12-B-4

AC-DC adaptor for charging laptop computers or similar



### 12-B-5

External PSU for Laptops



**12-B-6**

Built-in power supply units



**12-B-7**

LED driver – Independent type



**12-B-8**

LED driver – Built-in type



**12-B-9**

Toy transformer / Toy power supply



**12-B-10**

12V portable power station (multi-function)



**12-B-11**

Battery chargers for commercial use (auto garage) or industrial use



**12-B-12**

Dimmer, light switch, TV antenna, LAN or other signal or communications port, for fixed panel installation, USB chargers.



**12-B-13**

Cable or power cord



**12-B-14**

Power cord set





Appliance inlets  
and AC couplers



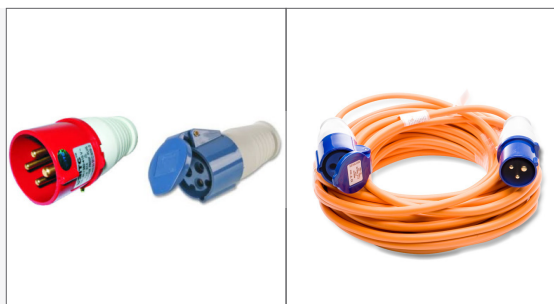
**12-B-15**

Cable drum or  
cord reel



**12-B-16**

Plugs and  
connectors for  
industrial applications



**12-B-17**

Electric Vehicle  
(EV) charger  
(transportable or  
fixed)





## Category 13: Air conditioners

84 15	Air conditioning machines, comprising a motor-driven fan and elements for changing the temperature and humidity , including those machines in which the humidity cannot be separately regulated.	-
<b>84 15 10 00</b>	<b>- Window or wall types - self-contained</b>	-
84 15 10	- Of a kind designed to be fixed to a window, wall, ceiling or floor, self-contained or "split-system"	New HS code from The Unified Customs Tariff for GCC States 2017
84 15 10 10	-- air-conditioning equipment with 70,000 thermal units or less.	New HS code from The Unified Customs Tariff for GCC States 2017
84 15 10 20	-- air-conditioning devices with more than 70,000 thermal units	New HS code from The Unified Customs Tariff for GCC States 2017



## Applicable Standards:

	<i>International standards</i>	<i>Remarks</i>
<b>Electrical Safety:</b>	IEC 60335-1	general requirements
	IEC 60335-2-40	requirements for electrical heat pumps, air-conditioners and dehumidifiers
<b>Electromagnetic Compatibility:</b>	CISPR 14-1	
	CISPR 14-2	
	IEC 61000-3-2	
	IEC 61000-3-3	
	IEC 61000-3-11	equipment rated > 16 A
	IEC 61000-3-12	equipment rated > 16 A

## *Scope and Limitations*

### *The scope includes*

- electric air conditioners incorporating motor-compressors and hydronic fan coils units
- partial units (e.g. indoor / outdoor units shipped separately)

### *The scope excludes:*

- central air conditioning machines;
- air conditioners for non-residential applications such as industrial and similar use
- evaporative air coolers;
- heat pumps, including sanitary hot water heat pumps;
- 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.

## 13-A Products in scope: examples

### 13-A-1

Window-type air conditioner (self-contained)



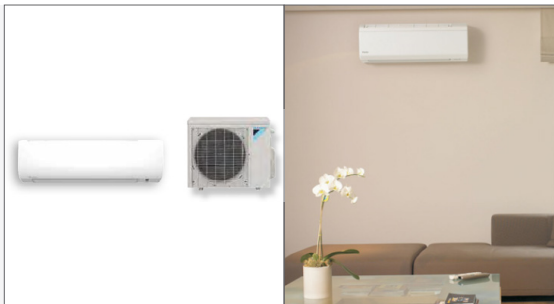
### 13-A-2

Through-the-wall type air conditioner (self-contained)



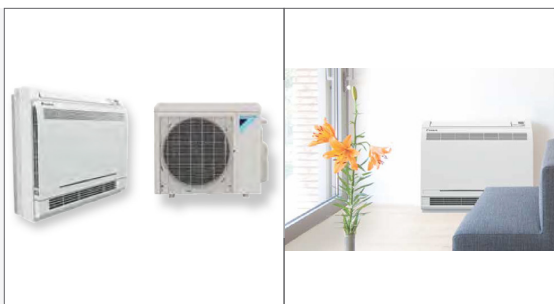
### 13-A-3

Split-type air conditioner, wall mounted: indoor unit (left) and outdoor unit (right)



### 13-A-4

Split-type air conditioner, floor-level mounted



### 13-A-5

Split-type air conditioner, floor standing air conditioner



**13-A-6**

Split-type air conditioner, ceiling-suspended units



**13-A-7**

Split-type air conditioner, concealed ceiling units



**13-A-8**

Split-type air conditioner, ceiling mounted cassette-type units



**13-A-9**

Mobile air-conditioners (self-contained)



**13-A-10**

Mobile air-conditioners, split-type



## 13-B Products out of scope: examples

### 13-B-1

Central air-conditioning machines



### 13-B-2

Evaporative air-coolers



**13-B-3**

Heat pumps, other than air conditioning machines of heading 84.15

Air-to-air, air-to-water, water-to-water systems for heating, domestic hot water, cooling etc.



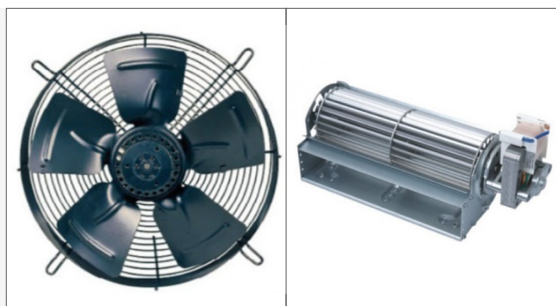
**13-B-4**

Air-purifiers / Dehumidifiers



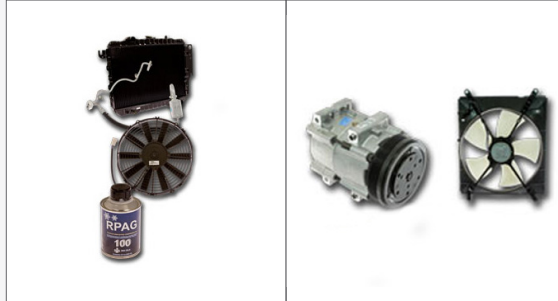
**13-B-5**

Fans and other parts to be incorporated in air conditioning equipment



**13-B-6**

Automotive air  
conditioners







## 3. GSO CONFORMITY TRACKING SYMBOL (GCTS)

### 3.1 GCTS for Certificates

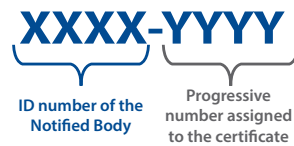
#### Configuration

Composed by 3 elements:

1. Gulf Conformity Marking (G-Mark logo):



2. Certificate tracking number:



3. The QR Code tracking the certificate:



### Minimum dimensions



### Location

Mandatory on Gulf Type Examination Certificate, on page 1

### Certificate 1st page



The GCTS on certificate shall be clearly visible and legible by common QR codes scanners. If a QR code is not legible by scanners, verify if its design is in line with all requirements for the GCTS.

If the quality of the copy of the certificate does not allow to scan the QR and check the validity, other options to use GSO tracking System are available. See Chapter 4.

Unless there is a valid reason or evident concern related to the conformity of the products with the Essential Requirements of the GSO LV TR there is no need for the member states competent authorities to request a copy of the test reports or the complete technical documentation for purpose of import inspection. Type Examination Certificates and declarations of conformity are the proof of conformity required for the routine surveillance.

Scan the QR code and check

- ✓ corresponding GCTS number,
- ✓ corresponding product details,
- ✓ certificate issue and expiry date,
- ✓ certificate status (see section 4.4)

<sup>4</sup> Inverted QR codes (light color on dark background) may require special software to read, as not all scanner applications can reliably read inverted markings. See chapter 4.2 below.

## 3.2 GCTS for Products

### Configuration

Composed by 3 elements:

1. Gulf Conformity Marking (G-Mark logo):

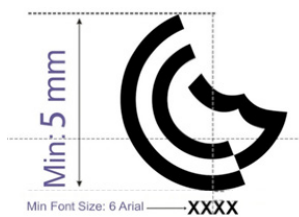
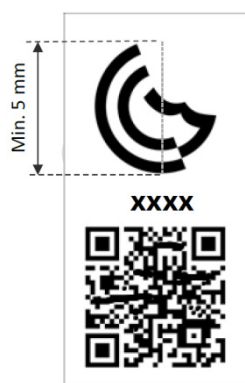


2. Notified Body registration number: **XXXX**

3. The QR Code tracking the product:



### Minimum dimensions



### Location of marking

GCTS for products shall be affixed on:

- the product itself
- the product packaging

When the product dimensions or its nature does not allow affixing the complete GCTS on the product body special exemptions are allowed.

See the below table for all case scenarios and examples.






Case	On product	On packaging
1. Product dimensions and/or nature allow marking of GCTS		
2. Product dimensions not allowing marking of complete GCTS		
3. Product not possible to be marked at all	--	

TABLE 3.2: CASE SCENARIOS FOR GCTS ALLOWED LOCATION

Note: examples of case 2 and 3 are detailed in Chapter 3.3

### 3.3 Procedure to check the product labels to verify conformity with GCTS Rules

See below flow chart and next pages for each phase detailed description:

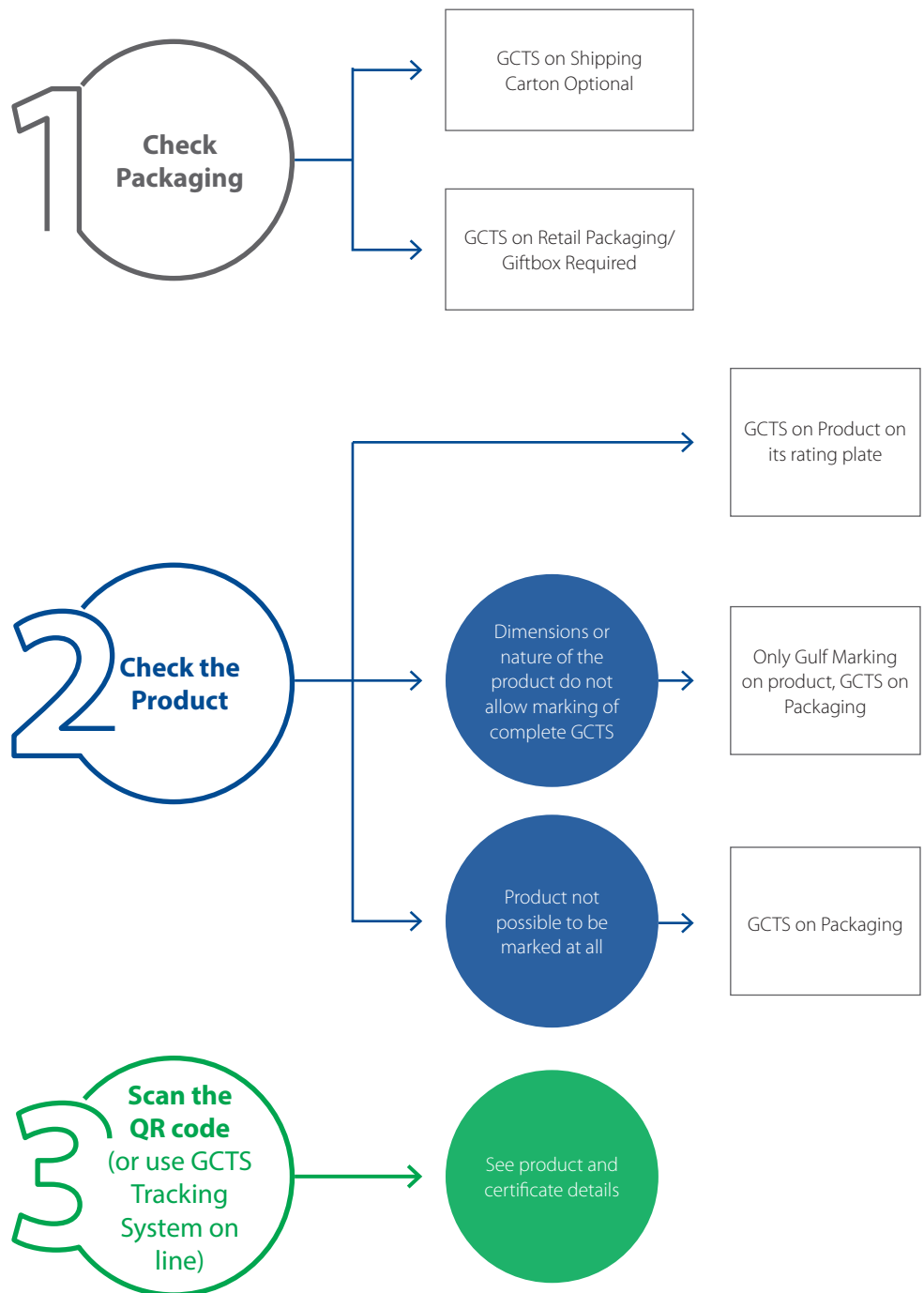


FIG 3.3: PROCEDURE TO CHECK PRODUCT LABELS AND GCTS



### 1) Check packaging:

complete GCTS tracking symbol for product shall be placed on outer packaging such as retail packaging and gift boxes;

Notes:

- This requirement applies to the packaging of the main body of the product and not to additional parts and accessories than might be packed in separate packages/boxes.
- Shipping cartons used to package multiple units of the same or different products during transport or storage may not bear the GCTS, but the manufacturer may affix the marking on the cartons on voluntary basis for easier tracking.

#### Shipping Carton (optional)



#### Retail Packaging / Giftbox (required)



## 2) Check the product:

GCTS for product shall be placed on the product; usually on its rating plate or marking label or, in any case on the main body of the product (for example on a separate label, hang-tag, non-removable sticker, etc.)

Notes:

- This requirement applies to the main body of the product and not to additional parts or accessories

### Product Body (required)



### Examples for permissible cases where GCTS marking is not available on the product itself (See Table 3.2)

#### Case 2. Product dimensions or nature of the product do not allow marking of complete GCTS

Products with markings directly molded into the plastic enclosure (e.g. cord extension set) or on curved or irregular surface (e.g. hair dryer), or where the available area for markings may be small or difficult to access (e.g. travel use hair-curler, socket outlet...) and which therefore do not allow for the necessary size, shape or color contrast required to affix a readable GCTS with QR code may be marked with a simplified marking consisting of only the G-mark and the Notified Body registration number.

In this case the GCTS are available as a mandatory requirement on the package of each unit.

#### Case 3. Product not possible to be marked at all:

Products where the dimensions and nature of markings (by molding or engraving, for example) do not allow to affix neither GCTS nor G-Mark with NB number in a readable way may be without Gulf conformity marking; for example plugs) which also need to bear technical markings required by the applicable standards.

In this case the GCTS are available as a mandatory requirement on the package of each unit.

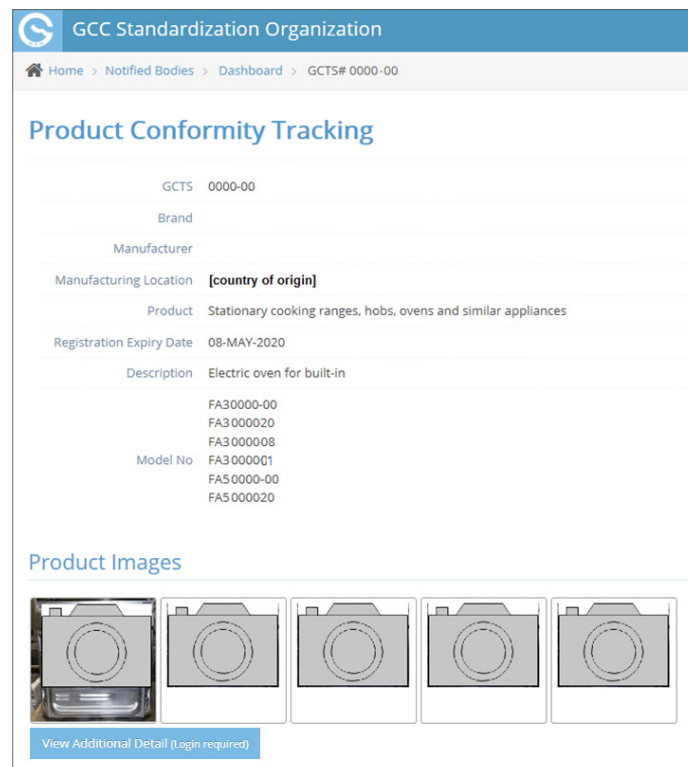


### 3) Scan the QR code

The GCTS markings shall be clearly visible and legible by common QR codes scanners.<sup>5</sup> If a QR code is not legible by scanners, verify if its design is in line with all requirements for the GCTS (minimum dimensions, colors, background, clear printing without distortion etc.). See GSO rules for the use of the GCTS. Use GCTS Tracking System on line (see section 4.3) to search product and certificate details.

Check

- ✓ product name,
- ✓ trademark,
- ✓ model no.,
- ✓ country of origin,
- ✓ photos



The screenshot shows the GCC Standardization Organization's Product Conformity Tracking system. The interface includes a navigation bar with the GSO logo and the text 'GCC Standardization Organization'. Below the navigation bar, there is a breadcrumb trail: 'Home > Notified Bodies > Dashboard > GCTS# 0000-00'. The main content area is titled 'Product Conformity Tracking' and displays the following information:

GCTS	0000-00
Brand	
Manufacturer	
Manufacturing Location	<b>[country of origin]</b>
Product	Stationary cooking ranges, hobs, ovens and similar appliances
Registration Expiry Date	08-MAY-2020
Description	Electric oven for built-in
Model No	FA30000-00 FA3000020 FA3000008 FA3000001 FA50000-00 FA5000020

Below the product information, there is a section titled 'Product Images' which contains five placeholder images for product photos. At the bottom of the page, there is a button labeled 'View Additional Detail (Login required)'.

<sup>5</sup>Inverted QR codes (light color on dark background) may require special software to read, as not all scanner applications can reliably read inverted markings. See chapter 4.2 below.





## 4. CERTIFICATE TRACKING SYSTEM

### 4.1 Introduction

---

**GSO Certificate Tracking System:** an electronic system to register all certificates for products that are subject to the requirements provided in a specific technical regulation issued by the GCC Standardization Organization (GSO) and for which the conformity assessment procedure required to make traceability.

All the certificates issued by a Notified Body are registered and approved by GSO in the Certificate Tracking System.

Certificates records in the system are updated by Notified Bodies and by GSO. Updated information regarding are accessible scanning the QR code included in the GCTS symbol.

It is possible to check:

- GCTS number and certificate tracking symbol
- Certificate and Notified Body details
- Economic operators details (manufacturer and manufacturing location, authorized representative)
- Products details (description, model designation, brand/trademark, photos)
- Status of the certificate and verification of the originally issued certificate (PDF download). See section 4.3



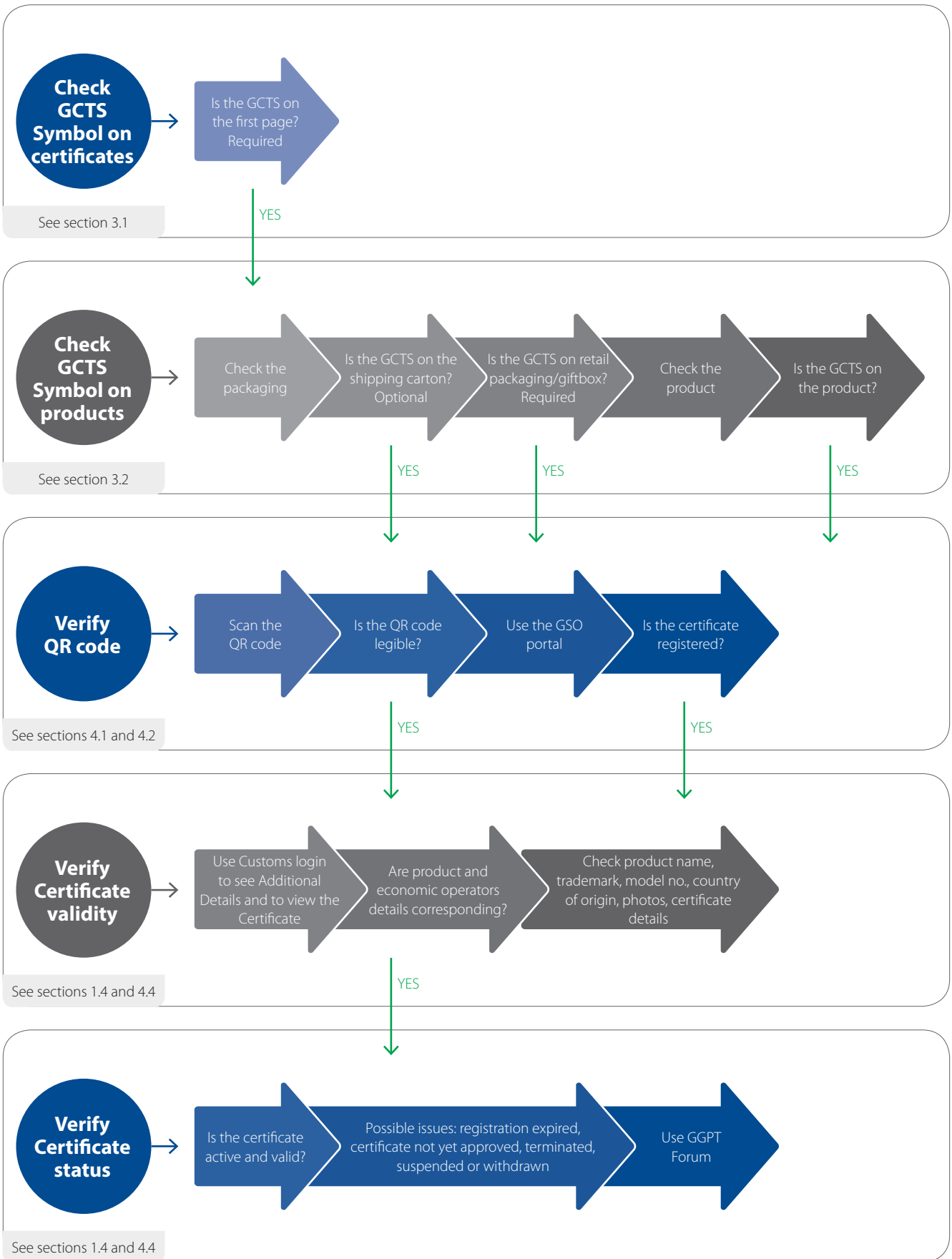


FIG. 4.1A GCTS CERTIFICATE TRACKING SYSTEM FLOW CHART

## 4.2 Use of the QR code and available scanners

To read a QR code it is possible to use different kind of devices:

- commercially available scanners
- PC with a webcam
- mobile phone or tablet with camera

For PCs and phones/tablets typically a QR code reader software / app needs to be installed or a web-based application may be used. Software may be commercially available or free for download and use.

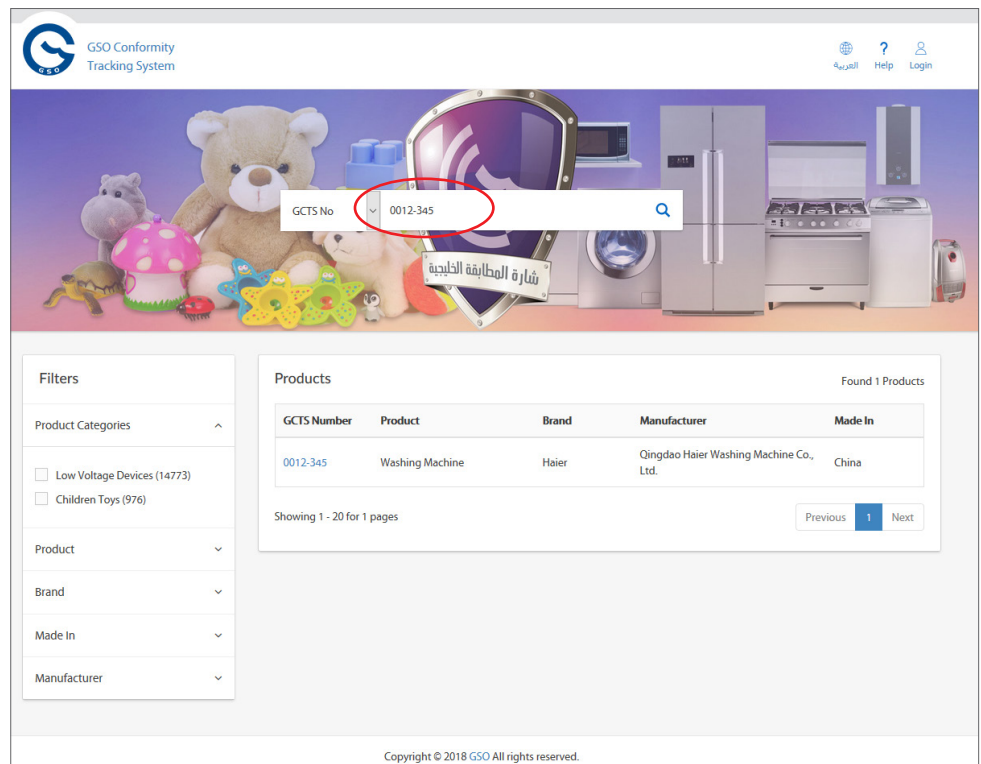
Below listing gives some examples of freely available solutions to scan QR codes:

Scanner software	System	Remarks / link
Camera 	iOS 11 and higher	This is the built-in camera application on Apple's mobile operation system. Automatically recognizes QR codes and offers to open the link in Safari browser
i-nigma 	iOS, Android, BlackBerry, Windows Mobile	<a href="http://www.i-nigma.mobi/">http://www.i-nigma.mobi/</a> App scans also inverted QR codes (white on dark background) reliably and fast.
Barcode Scanner (ZXing) 	Android	<a href="https://play.google.com/store/apps/details?id=com.google.zxing.client.android">https://play.google.com/store/apps/details?id=com.google.zxing.client.android</a>
QR Scan	PC / online	<a href="https://www.the-qr-code-generator.com/scan">https://www.the-qr-code-generator.com/scan</a> Online scanner using the PC's webcam
WebQR	PC / online	<a href="https://webqr.com/">https://webqr.com/</a> Online scanner using the PC's webcam



## 4.3 GSO Conformity Tracking System on line

Alternatively, or if the scanning fails, e.g. due to poor quality of the document scan or copy, the GCTS tracking code printed on the certificate can be entered directly into the search field on the GCTS portal webpage of the GSO (<https://www.gso.org.sa/gcts/>)

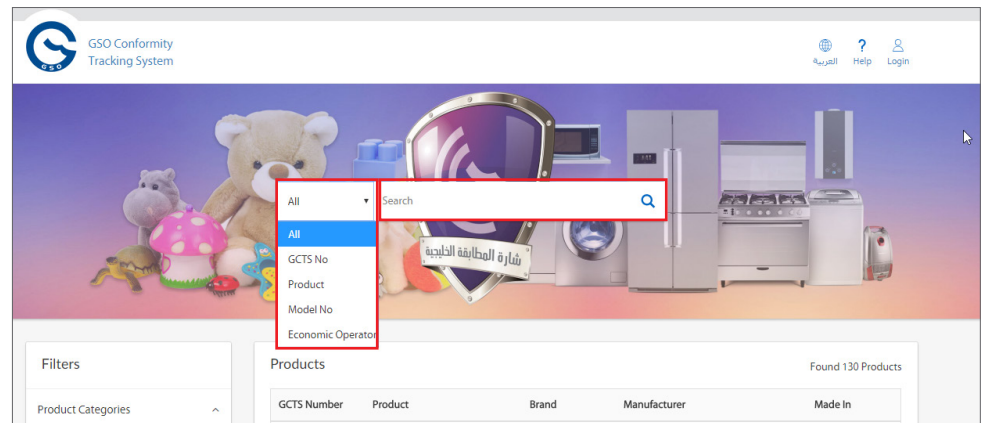


The screenshot shows the GSO Conformity Tracking System interface. At the top, there is a search bar with the text "GCTS No" and a dropdown menu showing "0012-345". Below the search bar, there is a table of products. The table has columns for GCTS Number, Product, Brand, Manufacturer, and Made In. The table shows one product: a Washing Machine by Haier, manufactured by Qingdao Haier Washing Machine Co., Ltd. in China. The page also includes a filters sidebar on the left and a footer with the copyright notice "Copyright © 2018 GSO All rights reserved."

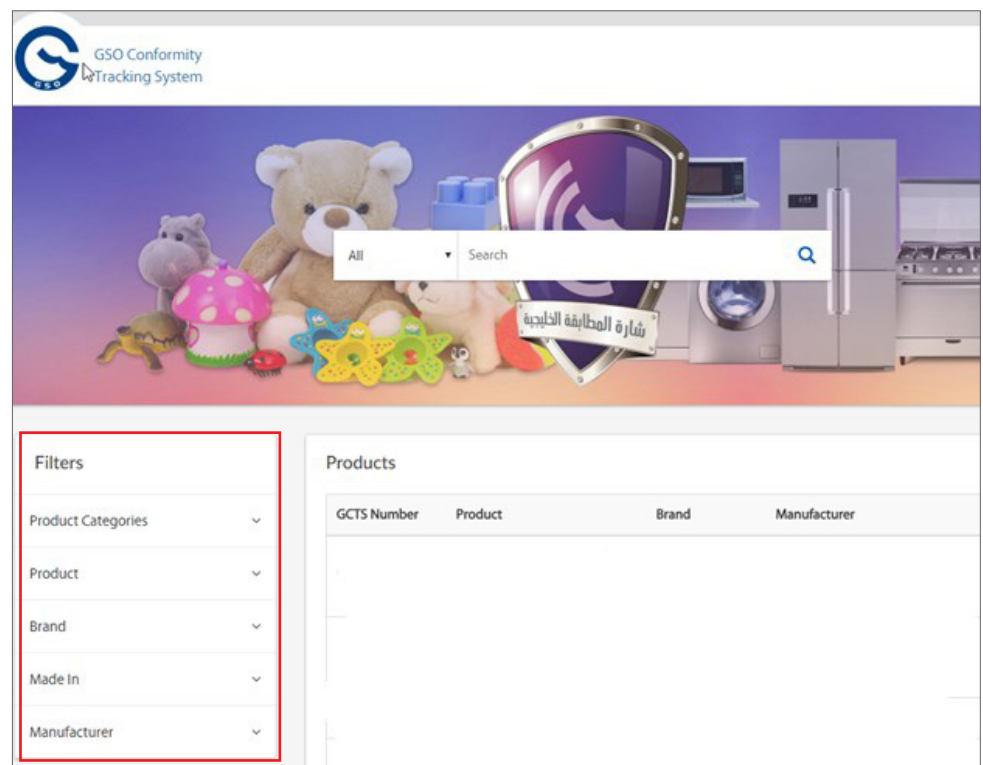
GCTS Number	Product	Brand	Manufacturer	Made In
0012-345	Washing Machine	Haier	Qingdao Haier Washing Machine Co., Ltd.	China

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
- Model No.
- Economic Operator



Filters are also available on the left side to filter and find a certificate or product:





Certificates can be filtered by:

✓ **Product Categories:**

Filters

Product Categories ^

- Low Voltage Devices (14985)
- Children Toys (992)

✓ **Product:**

Filters

Product Categories v

Product ^

Q Search Product

- Split Type Air Conditioner (936)
- Refrigerator-Freezer (611)
- Toy (582)
- Refrigerator (556)
- Microwave Oven (449)
- Chest Freezer (438)
- Air Conditioner (374)
- Room Air Conditioner (345)

✓ **Brand:**

Filters

Product Categories ▾

Product ▾

Brand ▲

🔍 Search Brand

- American Girl (449)
- Midea (384)
- Samsung (343)
- Lg (322)
- Panasonic (277)
- Gree (242)

✓ **Made in:**

Filters

Product Categories ▾

Product ▾

Brand ▾

Made In ▲

🔍 Search Made In

- China (11137)
- Italy (910)
- Thailand (617)
- Turkey (545)





✓ **Manufacturer**

Filters

Product Categories ▾

Product ▾

Brand ▾

Made In ▾

Manufacturer ▲

🔍 Search Manufacturer

- Mattel Europa BV. (448)
- BSH Home Appliances FZE (330)
- Hisense (Guangdong) Air Conditioning Co., Ltd. (271)
- Gree Electric Appliances, Inc. of Zhuhai (246)
- Samsung Electronics Co., Ltd. (216)
- Whirlpool EMEA S.p.A. (182)



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

Products					Found 98 Products
GCTS Number	Product	Brand	Manufacturer	Made In	
0021-122	Stationary Cooking Ranges, Hobs, Ovens And Similar Appliances	Glem	GLEM GAS S.p.A.	Italy	
0021-133	Built-in Microwave Oven Phoenix	Kitchenaid	Whirlpool EMEA S.p.A.	Italy	
0021-10	Microwave Ovens, Including Combination Microwave Ovens	Ariston	Whirlpool EMEA S.p.A.	Italy	

G GCC Standardization Organization

[Home](#) > [Notified Bodies](#) > GCTS# 0021-122



## Product Conformity Tracking

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GCTS	0021-122
Brand	GLEM
Manufacturer	GLEM GAS S.p.A.
Manufacturing Location	ITALY
Product	Stationary cooking ranges, hobs, ovens and similar appliances
Registration Expiry Date	10-MAR-2020
Description	Built-in Hob P6_RL-1__
Model No	GTL647NIX GTL647IX

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### Product Images


[View Additional Detail \(Login required\)](#)



## 4.4 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.

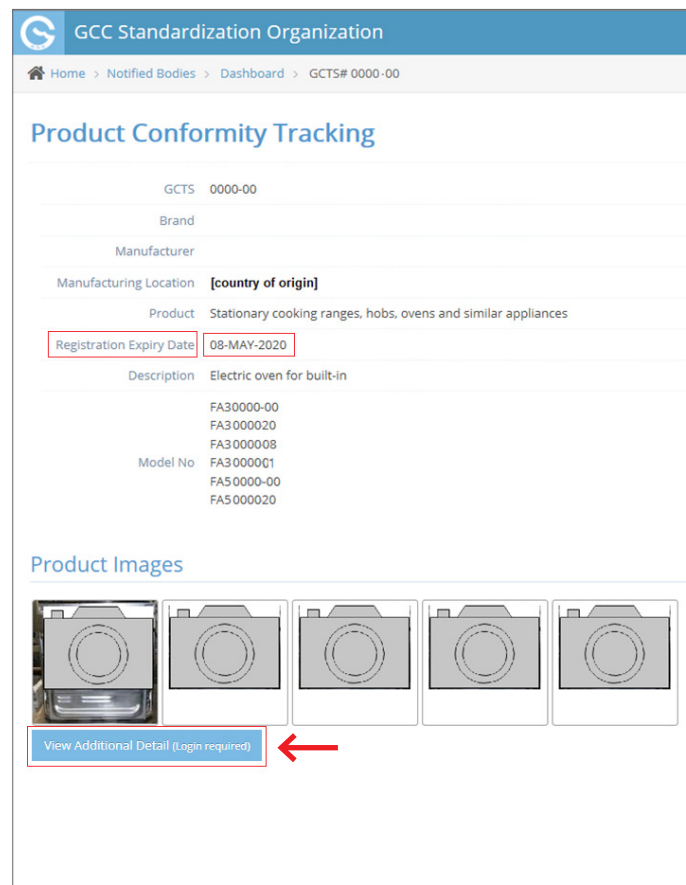
### The following details need to be checked:

- ✓ product name,
- ✓ trademark,
- ✓ model no.,
- ✓ country of origin,
- ✓ photos,
- ✓ certificate issue and expiry dates,
- ✓ certificate status (see following pages).

### 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.



The screenshot displays the 'Product Conformity Tracking' page for GCTS# 0000-00. The page includes a navigation bar with the GSO logo and the text 'GCC Standardization Organization'. Below the navigation bar, there is a breadcrumb trail: 'Home > Notified Bodies > Dashboard > GCTS# 0000-00'. The main content area is titled 'Product Conformity Tracking' and contains the following details:

- GCTS: 0000-00
- Brand: [Redacted]
- Manufacturer: [Redacted]
- Manufacturing Location: [country of origin]
- Product: Stationary cooking ranges, hobs, ovens and similar appliances
- Registration Expiry Date: 08-MAY-2020
- Description: Electric oven for built-in
- Model No: FA30000-00, FA3000020, FA3000008, FA3000001, FA50000-00, FA5000020

Below the product details, there is a section titled 'Product Images' which contains five placeholder icons for product photos. At the bottom of the page, there is a button labeled 'View Additional Detail (Login required)' with a red arrow pointing to it from the right.

Click on "view Additional Details" and Login

[View Additional Detail \(Login required\)](#)

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

Economic Operator	
Type	Manufacturer
Name	[Redacted]
Commercial Record No	[Redacted]
Commercial Record Expiry	[Redacted]
Contact Person	[Redacted]
Contact Person Position	[Redacted]
Address	[Redacted]
Phone	[Redacted]
Email	[Redacted]

Notified Body	
NB No.	0021
Name	[Redacted]

Certificate of Conformity	
Certificate No.	[Redacted]
Issue Date	[Redacted]
Registration Expiry Date	08-MAY-2020
<a href="#">View Certificate</a>	←

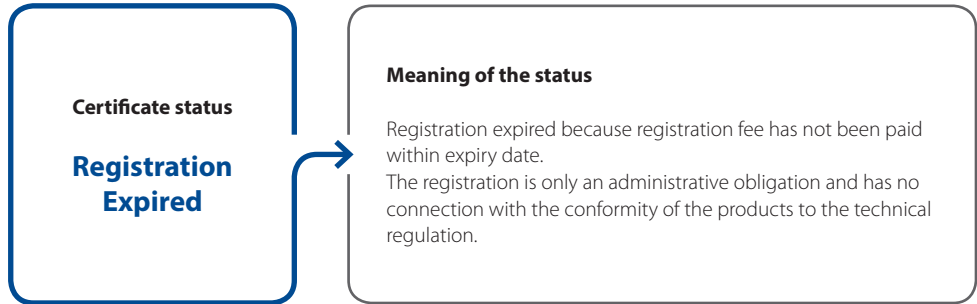
Click on

[View Certificate](#)

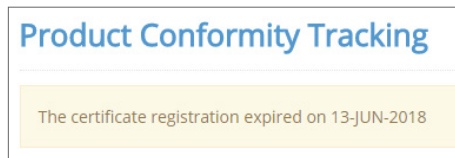
to open the digital copy of the Gulf Type Examination Certificate uploaded on GSO certificate tracking system.



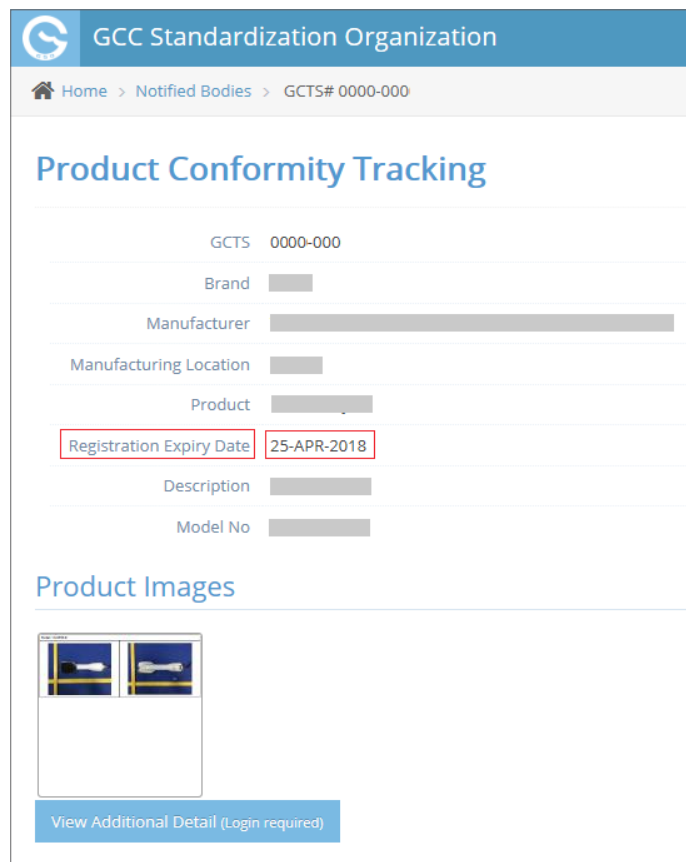
## STATUS OF CERTIFICATES AND MEANING

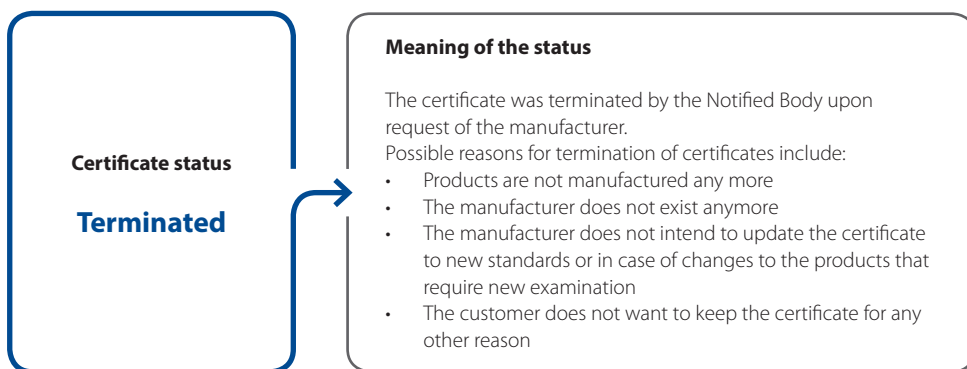


System shows certificate details and registration expiry date in the past.

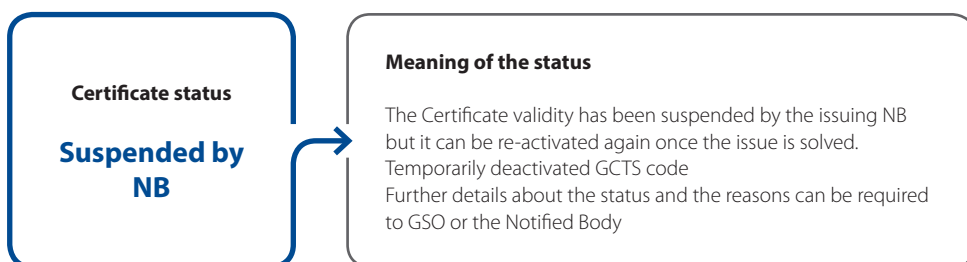
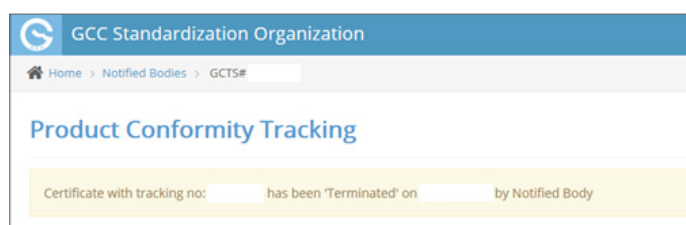


With Custom's login the system shows the message:





System shows certificate details and the date when the certificate was terminated. The details of the certificate are not visible.



System shows the status and the date when the certificate was suspended. The details of the certificate are not visible.



**Certificate status**

**Withdrawn by NB**

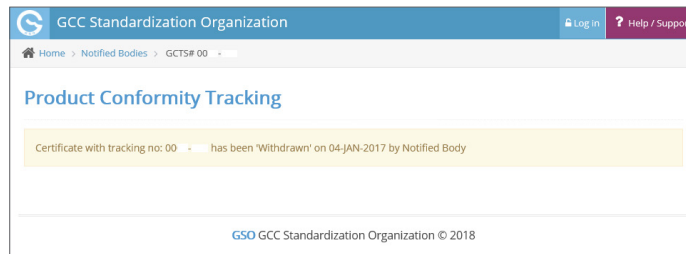
**Meaning of the status**

The certificate was withdrawn due to non-solved critical Non Conformity.

Note: till June 2018 certificates "terminated" status was not yet implemented. Certificates could have been withdrawn for reasons not involving non-conformity of products.

Further details about the status and the reasons can be required to GSO or the Notified Body.

System shows the status and the date when the certificate was withdrawn. The additional details of the certificate are not visible.



**Certificate status**

**Not approved**

**Meaning of the status**

Certificate record is created on GSO certificate Tracking System but not finalized by Notified Body (draft) or not yet evaluated by GSO (pending) or not approved by GSO (rejected).

Further details about the status and the reasons can be required to GSO or the Notified Body.

System shows the status and the date when the certificate was withdrawn. The additional details of the certificate are not visible.



## GGPT FORUM

### If there is any comments or non-conformities use the GGPT forum:

1. Sign within Customs account
2. All customs inspector have the right to access GSO System; just contact GSO and ask for user account and password.
3. Access the GGPT Forum (<https://www.gso.org.sa/connect/?lang=ar#GGPT>)
4. Add a new subject
5. Choose Recipients
6. Add a title
7. Write the comments
8. Attach documents

هيئة التقييس لدول مجلس التعاون لدول الخليج العربية

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جميع اللجان

شهادة فحص طراز خليجية تحمل تاريخ صلاحية غير صحيح  
آخر مشاركة بواسطة Rashed Rashed منذ 14 يومًا · اللجنة GGPT

عاجل: شحنه أجهزة تكييف عالقة على المنفذ  
آخر مشاركة بواسطة Ibrahim Alhashef منذ 21 يومًا · اللجنة GGPT

طلب عضوية  
آخر مشاركة بواسطة Rashed Rashed منذ 22 يومًا · اللجنة GGPT

شهادات فحص طراز خليجية لمنتجات غير مشمولة بالقائمة رقم (2)  
آخر مشاركة بواسطة Ali Gallas منذ شهر واحد · اللجنة GGPT





## ANNEX

### Annex 1 – Correlation table of GCC Customs Union HS codes (2012) – (2017) for List (2)

List (2) category		GCC COMMON EXTERNAL CUSTOMS TARIFF (2012)			The Unified Customs Tariff for GCC States 2017		
Item	Product name (English)	HS code (2012)	HS heading description (2012)	HS commodity details (2012)	HS code (2017)	HS heading description (2017)	HS commodity details (2017)
1	Domestic Electrical Fans	<b>84 14 51 00</b>	Air or vacuum pumps, air or other gas compressors and fans; ventilating or recycling hoods incorporating a fan, whether or not fitted with filters.	- Fans: -- Table, floor, wall, window, ceiling or roof fans, with a selfcontained electric motor of an output not exceeding 125 W	<b>84 14 51 10</b>	Air or vacuum pumps, air or other gas compressors and fans; ventilating or recycling hoods incorporating a fan, whether or not fitted with filters.	- Fans: -- Table, floor, wall, window, ceiling or roof fans, with a selfcontained electric motor of an output not exceeding 25 W
					<b>84 14 51 20</b>	Air or vacuum pumps, air or other gas compressors and fans; ventilating or recycling hoods incorporating a fan, whether or not fitted with filters.	- Fans: -- Table, floor, wall, window, ceiling or roof fans, with a selfcontained electric motor of an output exceeding 25 W but not exceeding 125 W
		<b>84 14 59 00</b>	Air or vacuum pumps, air or other gas compressors and fans; ventilating or recycling hoods incorporating a fan, whether or not fitted with filters.	- Fans: -- Other	<b>84 14 59 00</b>	Air or vacuum pumps, air or other gas compressors and fans; ventilating or recycling hoods incorporating a fan, whether or not fitted with filters.	- Fans: -- Other



List (2) category		GCC COMMON EXTERNAL CUSTOMS TARIFF (2012)			The Unified Customs Tariff for GCC States 2017		
Item	Product name (English)	HS code (2012)	HS heading description (2012)	HS commodity details (2012)	HS code (2017)	HS heading description (2017)	HS commodity details (2017)
2	Refrigerators, freezers and other refrigerating or freezing equipment	<b>84 18 10 00</b>	Refrigerators, freezers and other refrigerating or freezing equipment, electric or other; heat pumps other than air conditioning machines of heading 84.15.	- Combined refrigerator-freezers, fitted with separate external doors	<b>84 18 10 00</b>	Refrigerators, freezers and other refrigerating or freezing equipment, electric or other; heat pumps other than air conditioning machines of heading 84.15.	- Combined refrigerator-freezers, fitted with separate external doors
		<b>84 18 21 00</b>	Refrigerators, freezers and other refrigerating or freezing equipment, electric or other; heat pumps other than air conditioning machines of heading 84.15.	- Refrigerators, household type: -- Compression-type	<b>84 18 21 00</b>	Refrigerators, freezers and other refrigerating or freezing equipment, electric or other; heat pumps other than air conditioning machines of heading 84.15.	- Refrigerators, household type: -- Compression-type
		<b>84 18 29 00</b>	Refrigerators, freezers and other refrigerating or freezing equipment, electric or other; heat pumps other than air conditioning machines of heading 84.15.	- Refrigerators, household type: -- Other	<b>84 18 29 00</b>	Refrigerators, freezers and other refrigerating or freezing equipment, electric or other; heat pumps other than air conditioning machines of heading 84.15.	- Refrigerators, household type: -- Other
		<b>84 18 30 00</b>	Refrigerators, freezers and other refrigerating or freezing equipment, electric or other; heat pumps other than air conditioning machines of heading 84.15.	- Freezers of the chest type, not exceeding 800 l capacity	<b>84 18 30 00</b>	Refrigerators, freezers and other refrigerating or freezing equipment, electric or other; heat pumps other than air conditioning machines of heading 84.15.	- Freezers of the chest type, not exceeding 800 l capacity
		<b>84 18 40 00</b>	Refrigerators, freezers and other refrigerating or freezing equipment, electric or other; heat pumps other than air conditioning machines of heading 84.15.	- Freezers of the upright type, not exceeding 900 l capacity	<b>84 18 40 00</b>	Refrigerators, freezers and other refrigerating or freezing equipment, electric or other; heat pumps other than air conditioning machines of heading 84.15.	- Freezers of the upright type, not exceeding 900 l capacity



List (2) category		GCC COMMON EXTERNAL CUSTOMS TARIFF (2012)			The Unified Customs Tariff for GCC States 2017		
Item	Product name (English)	HS code (2012)	HS heading description (2012)	HS commodity details (2012)	HS code (2017)	HS heading description (2017)	HS commodity details (2017)
3	Centrifugal clothes dryers and Clothes washing machines, including machines which both wash and dry	84 21 12 00	Centrifuges, including centrifugal dryers; filtering or purifying machinery and apparatus, for liquids or gases.	- Centrifuges, including centrifugal dryers: -- Clothes dryers	84 21 12 00	Centrifuges, including centrifugal dryers; filtering or purifying machinery and apparatus, for liquids or gases.	- Centrifuges, including centrifugal dryers: -- Clothes dryers
		84 50 11 00	Household or laundry-type washing machines, including machines which both wash and dry.	- Machines, each of a dry linen capacity not exceeding 10 kg: -- Fully automatic machines	84 50 11 00	Household or laundry-type washing machines, including machines which both wash and dry.	- Machines, each of a dry linen capacity not exceeding 10 kg: -- Fully automatic machines
		84 50 12 00	Household or laundry-type washing machines, including machines which both wash and dry.	- Machines, each of a dry linen capacity not exceeding 10 kg: -- Other machines, with built-in centrifugal drier	84 50 12 00	Household or laundry-type washing machines, including machines which both wash and dry.	- Machines, each of a dry linen capacity not exceeding 10 kg: -- Other machines, with built-in centrifugal drier
		84 50 19 00	Household or laundry-type washing machines, including machines which both wash and dry.	- Machines, each of a dry linen capacity not exceeding 10 kg: -- Other	84 50 19 00	Household or laundry-type washing machines, including machines which both wash and dry.	- Machines, each of a dry linen capacity not exceeding 10 kg: -- Other
4	Food grinders and mixers, fruit or vegetable juice extractors.	85 09 40 00	Electro-mechanical domestic appliances, with self-contained electric motor, other than vacuum cleaners of heading 85.08.	- Food grinders and mixers; fruit or vegetable juice extractors	85 09 40 00	Electro-mechanical domestic appliances, with self-contained electric motor, other than vacuum cleaners of heading 85.08.	- Food grinders and mixers; fruit or vegetable juice extractors
5	Toasters	85 16 72 00	Electric instantaneous or storage water heaters and immersion heaters; electric space-heating apparatus and soil-heating apparatus; electrothermic hairdressing apparatus (for example, hairdryers, hair curlers, curling tong heaters) and hand dryers; electric smoothing irons; other electrothermic appliances of a kind used for domestic purposes; electric heating resistors, other than those of heading 8545	- Other electro-thermic appliances: -- Toasters	85 16 72 00	Electric instantaneous or storage water heaters and immersion heaters; electric space-heating apparatus and soil-heating apparatus; electrothermic hairdressing apparatus (for example, hairdryers, hair curlers, curling tong heaters) and hand dryers; electric smoothing irons; other electrothermic appliances of a kind used for domestic purposes; electric heating resistors, other than those of heading 85.45	- Other electro-thermic appliances: -- Toasters

List (2) category		GCC COMMON EXTERNAL CUSTOMS TARIFF (2012)			The Unified Customs Tariff for GCC States 2017		
Item	Product name (English)	HS code (2012)	HS heading description (2012)	HS commodity details (2012)	HS code (2017)	HS heading description (2017)	HS commodity details (2017)
6	Electro-thermic hair-dressing apparatus and hand dryers	85 16 31 00	Electric instantaneous or storage water heaters and immersion heaters; electric space-heating apparatus and soil-heating apparatus; electrothermic hairdressing apparatus (for example, hairdryers, hair curlers, curling tong heaters) and hand dryers; electric smoothing irons; other electrothermic appliances of a kind used for domestic purposes; electric heating resistors, other than those of heading 8545	- Electro-thermic hair-dressing or hand-drying apparatus: - - Hair dryers	85 16 31 00	Electric instantaneous or storage water heaters and immersion heaters; electric space-heating apparatus and soil-heating apparatus; electrothermic hairdressing apparatus (for example, hairdryers, hair curlers, curling tong heaters) and hand dryers; electric smoothing irons; other electrothermic appliances of a kind used for domestic purposes; electric heating resistors, other than those of heading 85.45	- Electro-thermic hair-dressing or hand-drying apparatus: - - Hair dryers
		85 16 32 00	Electric instantaneous or storage water heaters and immersion heaters; electric space-heating apparatus and soil-heating apparatus; electrothermic hairdressing apparatus (for example, hairdryers, hair curlers, curling tong heaters) and hand dryers; electric smoothing irons; other electrothermic appliances of a kind used for domestic purposes; electric heating resistors, other than those of heading 8545	- Electro-thermic hair-dressing or hand-drying apparatus: - - Other hairdressing apparatus	85 16 32 00	Electric instantaneous or storage water heaters and immersion heaters; electric space-heating apparatus and soil-heating apparatus; electrothermic hairdressing apparatus (for example, hairdryers, hair curlers, curling tong heaters) and hand dryers; electric smoothing irons; other electrothermic appliances of a kind used for domestic purposes; electric heating resistors, other than those of heading 85.45	- Electro-thermic hair-dressing or hand-drying apparatus: - - Other hairdressing apparatus
		85 16 33 00	Electric instantaneous or storage water heaters and immersion heaters; electric space-heating apparatus and soil-heating apparatus; electrothermic hairdressing apparatus (for example, hairdryers, hair curlers, curling tong heaters) and hand dryers; electric smoothing irons; other electrothermic appliances of a kind used for domestic purposes; electric heating resistors, other than those of heading 8545	- Electro-thermic hair-dressing or hand-drying apparatus: - - Handdrying apparatus	85 16 33 00	Electric instantaneous or storage water heaters and immersion heaters; electric space-heating apparatus and soil-heating apparatus; electrothermic hairdressing apparatus (for example, hairdryers, hair curlers, curling tong heaters) and hand dryers; electric smoothing irons; other electrothermic appliances of a kind used for domestic purposes; electric heating resistors, other than those of heading 85.45	- Electro-thermic hair-dressing or hand-drying apparatus: - - Handdrying apparatus





List (2) category		GCC COMMON EXTERNAL CUSTOMS TARIFF (2012)			The Unified Customs Tariff for GCC States 2017		
Item	Product name (English)	HS code (2012)	HS heading description (2012)	HS commodity details (2012)	HS code (2017)	HS heading description (2017)	HS commodity details (2017)
7	Domestic electric heating apparatus	<b>85 16 29 10</b>	Electric instantaneous or storage water heaters and immersion heaters; electric space-heating apparatus and soil-heating apparatus; electrothermic hairdressing apparatus (for example, hairdryers, hair curlers, curling tong heaters) and hand dryers; electric smoothing irons; other electrothermic appliances of a kind used for domestic purposes; electric heating resistors, other than those of heading 8545	- Electric space heating apparatus and electric soil heating apparatus: -- Other: --- Domestic electric heating apparatus	<b>85 16 29 10</b>	Electric instantaneous or storage water heaters and immersion heaters; electric space-heating apparatus and soil-heating apparatus; electrothermic hairdressing apparatus (for example, hairdryers, hair curlers, curling tong heaters) and hand dryers; electric smoothing irons; other electrothermic appliances of a kind used for domestic purposes; electric heating resistors, other than those of heading 85.45	- Electric space heating apparatus and electric soil heating apparatus: -- Other: --- Domestic electric heating apparatus

8	Microwave ovens	<b>85 16 50 00</b>	Electric instantaneous or storage water heaters and immersion heaters; electric space-heating apparatus and soil-heating apparatus; electrothermic hairdressing apparatus (for example, hairdryers, hair curlers, curling tong heaters) and hand dryers; electric smoothing irons; other electrothermic appliances of a kind used for domestic purposes; electric heating resistors, other than those of heading 8545	- Microwave ovens	<b>85 16 50 00</b>	Electric instantaneous or storage water heaters and immersion heaters; electric space-heating apparatus and soil-heating apparatus; electrothermic hairdressing apparatus (for example, hairdryers, hair curlers, curling tong heaters) and hand dryers; electric smoothing irons; other electrothermic appliances of a kind used for domestic purposes; electric heating resistors, other than those of heading 85.45	- Microwave ovens
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List (2) category		GCC COMMON EXTERNAL CUSTOMS TARIFF (2012)			The Unified Customs Tariff for GCC States 2017		
Item	Product name (English)	HS code (2012)	HS heading description (2012)	HS commodity details (2012)	HS code (2017)	HS heading description (2017)	HS commodity details (2017)
9	Other ovens; cookers, cooking plates, boiling rings, grillers and roasters	<b>85 16 60 00</b>	Electric instantaneous or storage water heaters and immersion heaters; electric space-heating apparatus and soil-heating apparatus; electrothermic hairdressing apparatus (for example, hairdryers, hair curlers, curling tong heaters) and hand dryers; electric smoothing irons; other electrothermic appliances of a kind used for domestic purposes; electric heating resistors, other than those of heading 8545	- Other ovens; cookers- cooking plates- boiling rings- grillers and roasters	<b>85 16 60 00</b>	Electric instantaneous or storage water heaters and immersion heaters; electric space-heating apparatus and soil-heating apparatus; electrothermic hairdressing apparatus (for example, hairdryers, hair curlers, curling tong heaters) and hand dryers; electric smoothing irons; other electrothermic appliances of a kind used for domestic purposes; electric heating resistors, other than those of heading 85.45	- Other ovens; cookers- cooking plates- boiling rings- grillers and roasters
10	Electric instantaneous or storage water heaters and immersion heaters	<b>85 16 10 00</b>	Electric instantaneous or storage water heaters and immersion heaters; electric space-heating apparatus and soil-heating apparatus; electrothermic hairdressing apparatus (for example, hairdryers, hair curlers, curling tong heaters) and hand dryers; electric smoothing irons; other electrothermic appliances of a kind used for domestic purposes; electric heating resistors, other than those of heading 8545	- Electric instantaneous or storage water heaters and immersion heaters	<b>85 16 10 10</b>	Electric instantaneous or storage water heaters and immersion heaters; electric space-heating apparatus and soil-heating apparatus; electrothermic hairdressing apparatus (for example, hairdryers, hair curlers, curling tong heaters) and hand dryers; electric smoothing irons; other electrothermic appliances of a kind used for domestic purposes; electric heating resistors, other than those of heading 85.45	- Electric instantaneous or storage water heaters and immersion heaters: - - - Electric instantaneous or storage water heaters and immersion heaters, of a capacity 200 l or less.





List (2) category		GCC COMMON EXTERNAL CUSTOMS TARIFF (2012)			The Unified Customs Tariff for GCC States 2017		
Item	Product name (English)	HS code (2012)	HS heading description (2012)	HS commodity details (2012)	HS code (2017)	HS heading description (2017)	HS commodity details (2017)
11	Electric smoothing irons	<b>85 16 40 00</b>	Electric instantaneous or storage water heaters and immersion heaters; electric space-heating apparatus and soil-heating apparatus; electrothermic hairdressing apparatus (for example, hairdryers, hair curlers, curling tong heaters) and hand dryers; electric smoothing irons; other electrothermic appliances of a kind used for domestic purposes; electric heating resistors, other than those of heading 8545	- Electric smoothing irons	<b>85 16 40 00</b>	Electric instantaneous or storage water heaters and immersion heaters; electric space-heating apparatus and soil-heating apparatus; electrothermic hairdressing apparatus (for example, hairdryers, hair curlers, curling tong heaters) and hand dryers; electric smoothing irons; other electrothermic appliances of a kind used for domestic purposes; electric heating resistors, other than those of heading 85.45	- Electric smoothing irons

12	Plugs, Socket outlets, Adaptors, Cord Extension Sets and chargers	<b>85 44 42 20</b>	Insulated (including enamelled or anodised) wire, cable (including coaxial cable) and other insulated electric conductors, whether or not fitted with connectors; optical fibre cables, made up of individually sheathed fibres, whether or not assembled with electric conductors or fitted with connectors	- Other electric conductors, for a voltage not exceeding 1000 V: -- Fitted with connectors: --- Electric cable of a cross-section not exceeding 10 mm	<b>85 44 42 21</b>	Insulated (including enamelled or anodised) wire, cable (including coaxial cable) and other insulated electric conductors, whether or not fitted with connectors; optical fibre cables, made up of individually sheathed fibres, whether or not assembled with electric conductors or fitted with connectors	- Other electric conductors, for a voltage not exceeding 1000 V: -- Fitted with connectors: --- Electric cable of a cross-section not exceeding 10 mm ---- Electric connectors for wire of a cross-section [not] exceeding 10 mm
					<b>85 44 42 29</b>	Insulated (including enamelled or anodised) wire, cable (including coaxial cable) and other insulated electric conductors, whether or not fitted with connectors; optical fibre cables, made up of individually sheathed fibres, whether or not assembled with electric conductors or fitted with connectors	- Other electric conductors, for a voltage not exceeding 1000 V: -- Fitted with connectors: --- Electric cable of a cross-section not exceeding 10 mm ---- Other

		<b>85 36 69 10</b>	Electrical apparatus for switching or protecting electrical circuits, or for making connections to or in electrical circuits (for example, switches, relays, fuses, surge suppressors, plugs, sockets, lamp holders and other connectors, junction boxes), for a voltage not exceeding 1 000 V; connectors for optical fibres, optical fibre bundles or cables	- Lamp-holders, plugs and sockets: -- Other: --- Plugs and sockets for co-axial cables and imprinted circuits	<b>85 36 69 10</b>	Electrical apparatus for switching or protecting electrical circuits, or for making connections to or in electrical circuits (for example, switches, relays, fuses, surge suppressors, plugs, sockets, lamp holders and other connectors, junction boxes), for a voltage not exceeding 1 000 V; connectors for optical fibres, optical fibre bundles or cables	- Lamp-holders, plugs and sockets: -- Other: --- Plugs and sockets for co-axial cables and printed circuits
		<b>(HS code not specified)</b>	-	Adapters	<b>85 36 90 91</b>	Electrical apparatus for switching or protecting electrical circuits, or for making connections to or in electrical circuits (for example, switches, relays, fuses, surge suppressors, plugs, sockets, lamp holders and other connectors, junction boxes), for a voltage not exceeding 1 000 V; connectors for optical fibres, optical fibre bundles or cables	- Other apparatus: --- Other: ---- Adapters, wether or not incorporating a slot for USB or the like.
		<b>(HS code not specified)</b>	-	battery chargers within the scope of IEC 60335-2-29	<b>85 04 40 13</b>	Electrical transformers, static converters (for example, rectifiers) and inductors.	- Static converters: --- Electrical static converters for automatic data processing machines, there units and communication apparatus: ---- Charger for dry batteries

13	Air conditioners	<b>84 15 10 00</b>	Air-conditioning machines, comprising a motor-driven fan and elements for changing the temperature and humidity, including those machines in which the humidity cannot be separately regulated	- Window or wall types - self-contained	<b>84 15 10 10</b>	Air-conditioning machines, comprising a motor-driven fan and elements for changing the temperature and humidity, including those machines in which the humidity cannot be separately regulated	- Of a kind designed to be fixed to a window, wall, ceiling or floor, self-contained or "split-system: -- Air conditioning machines of a capacity 70,000 BTU or less.
					<b>84 15 10 20</b>	Air-conditioning machines, comprising a motor-driven fan and elements for changing the temperature and humidity, including those machines in which the humidity cannot be separately regulated	- Of a kind designed to be fixed to a window, wall, ceiling or floor, self-contained or "split-system: -- Air conditioning machines of a capacity exceeding 70,000 BTU









