



هيئة التقييس

لدول مجلس التعاون لدول الخليج العربية  
GCC Standardization Organization

# Guidance

for customs and market surveillance inspectors  
about the Gulf Technical Regulation for  
Low Voltage Electrical Equipment  
and Appliances **BD-142004-01**



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# Introduction

about GCC Standardization  
Organization (GSO)

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Organization (GSO)

## Foreword:

**GCC** Standardization Organization (GSO) is pleased to introduce the GSO Handbook to readers. GSO is a regional Gulf organization including the national standardization bodies, as members, in the United Arab Emirates (UAE), Kingdom of Bahrain, Kingdom of Saudi Arabia (KSA), Sultanate of Oman, Qatar, Kuwait.

**GSO** Handbook defines the GSO's responsibilities, objectives and roles to, regionally and internationally, maintain public health, safety and environment, as well as, to develop and satisfy the economic growth requirements within the Member Countries, including national industries support and inter-trade exchange enhancement between such Member Countries and the other parts of the world for the purpose of satisfying the requirements of the GCC Custom Union and Common Market.

Different standardization activities, such as standards, technical regulations, conformity verification procedures and measurement systems, have become the most important components on which the world trade rely to support and facilitate trade exchange between countries and to liberate the world markets as well. Thus, GSO seeks to provide and develop unified laws for the Member Countries in order to fulfill the requirements and objectives of such countries and enhance their joints ventures within the framework of the World Trade Organization (WTO) membership.

We hope that this GSO Handbook provides readers with a profile of GSO, its work scope, responsibilities, and activities. Furthermore, we wish that this Handbook would contribute to supporting GSO's efforts to build awareness of standardization, quality, and their associated activities, and to developing relationships between GSO, industrial sector, commercial sector and consumers.

## Introduction:

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).



# 1. LV REGULATION

## BD-142004-01



# 1. 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 Tracking Symbol (GCTS ) or when it is impossible to affix it due to the nature of the product or technical difficulties, affixing the Gulf Conformity Marking ( G-Marking) to prove 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.



### Equipment in Scope

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 (AC) and
- between 75 and 1500 V for direct current (DC)

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.

### Equipment out of scope (Annex II of GSO LV TR)

- 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

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



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): TC143307-01

[link:<https://www.gso.org.sa/wp-content/uploads/2017/11/List-No.-2-TC143307-01-Electrical-equipment-and-appliances-subjected-to-CAP-in-Annex-4-of-LV-TR.pdf>]

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 LV TR, 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).

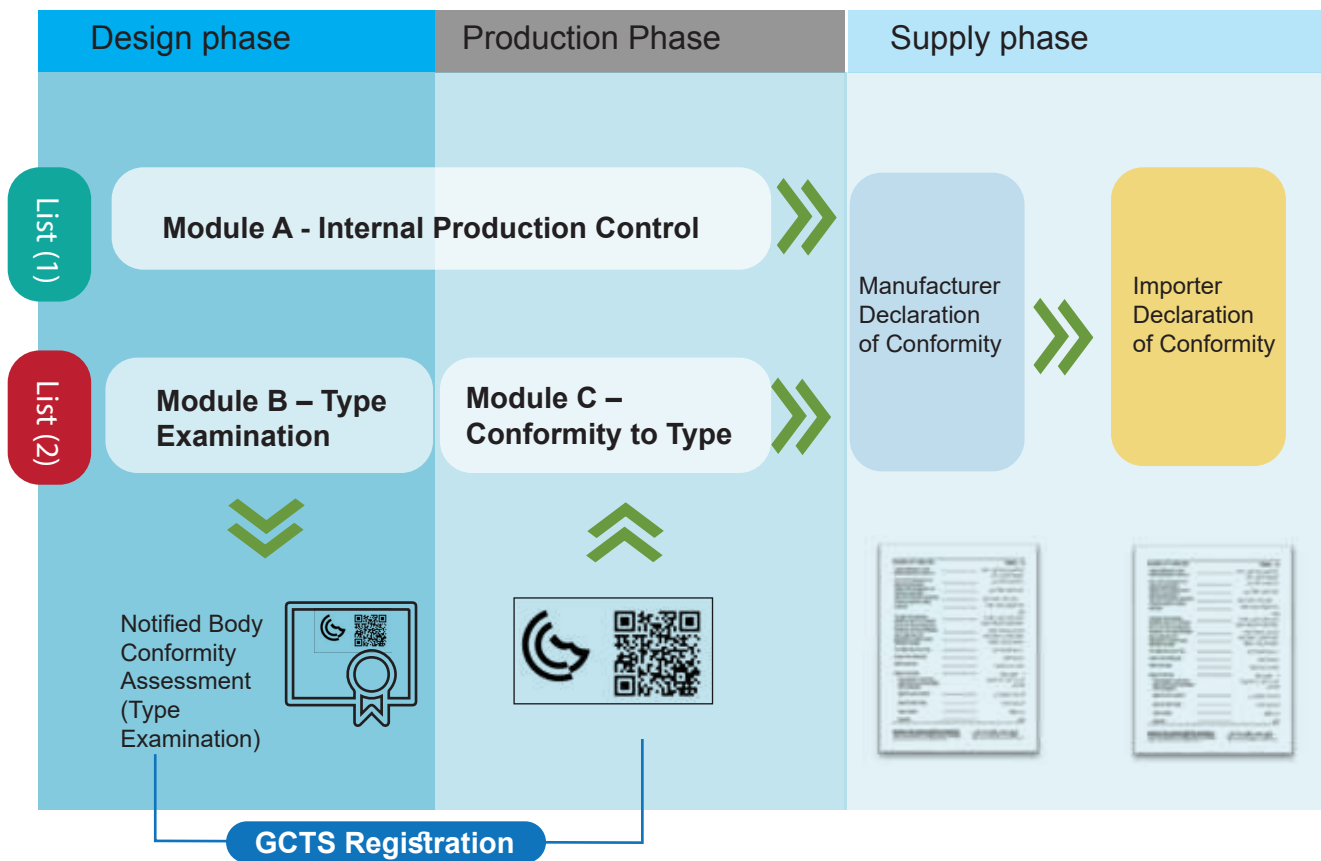


FIG. 1.2A: CONFORMITY ASSESSMENT PROCEDURES IN SCHEMATIC VIEW

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.

To be submitted to Notified Body for issuance of Gulf Type Examination Certificate

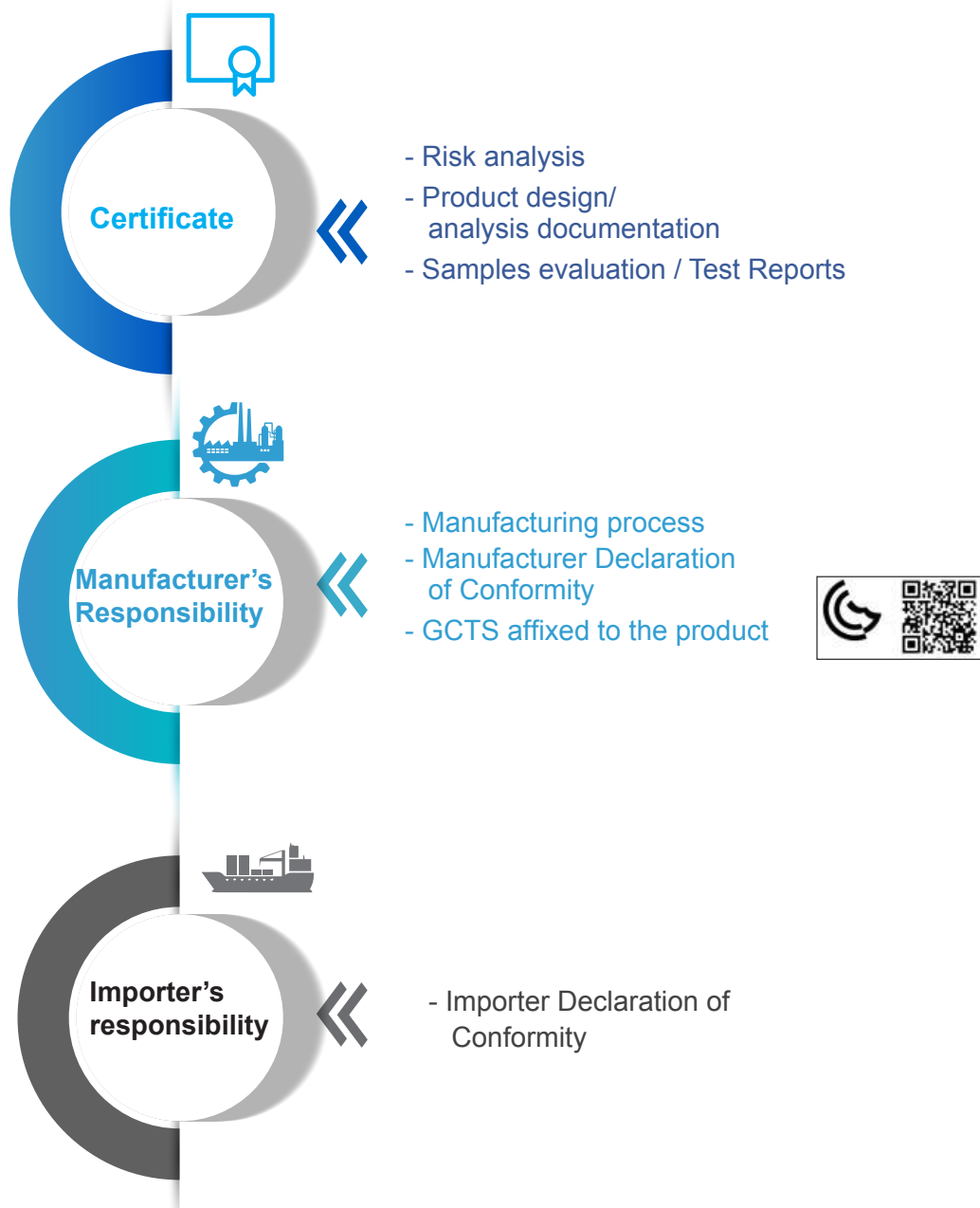


FIG. 1.2B: CONFORMITY ASSESSMENT PROCEDURE FOR PRODUCTS IN LIST (2)

### 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/ODM supplier's 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 LV TR from Article (8) to Article (13)



TABLE 1.3: RESPONSIBILITIES AND OBLIGATIONS OF ECONOMIC OPERATORS

**Legenda**

- = Required
- = Optional
- = Not required or not applicable
- X** = Not permitted

Obligations	Manufacturer <sup>1</sup>	Authorized representative <sub>2</sub>	Importer	Distributor
Conformity Assessment				
Place or make available on the market only electrical equipment that complies with GSO LV TR	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Ensure products are designed and manufactured in accordance with the essential requirements of the TR	<input checked="" type="checkbox"/>	<b>X</b> <sup>3</sup>	-	-
Perform a risk analysis	<input checked="" type="checkbox"/>	<b>X</b> <sup>3</sup>	-	-
Draw up the technical documentation	<input checked="" type="checkbox"/>	<b>X</b> <sup>3</sup>	-	-
Apply for Gulf-type examination with a Notified Body, and keep it with the technical documentation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Verification of certificate	-
Draw up Manufacturer Declaration of Conformity	<input checked="" type="checkbox"/> Annex (5) of LV TR	<input type="checkbox"/>	Verification of manufacturer DoC	-
Draw up Importer Declaration of Conformity	-	-	<input checked="" type="checkbox"/> Annex (6) of LV TR	-

Obligations	Manufacturer <sup>1</sup>	Authorized representative <sub>2</sub>	Importer	Distributor
Manufacturing and maintenance of compliance				
Keep in place all production procedures that guarantee the conformity of every manufactured unit	<input checked="" type="checkbox"/>	-	-	-
Ensure that storage or transport conditions do not jeopardize its compliance with the requirements	<input checked="" type="checkbox"/>	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Keep the technical documentation in his records for min. 10 years <sup>4</sup>	<input checked="" type="checkbox"/>	<input type="radio"/>	-	-
Keep Declaration of Conformity in his records for min. 10 years <sup>4</sup>	<input checked="" type="checkbox"/>	<input type="radio"/>	<input checked="" type="checkbox"/> (Manufacturer DoC + Importer DoC)	-
Upon request by authorities provide a copy of the DoC and the technical documentation or other documentation <sup>5</sup>	<input checked="" type="checkbox"/>	<input type="radio"/>	<input checked="" type="checkbox"/> (Manufacturer DoC + Importer DoC)	<input checked="" type="checkbox"/>
Inform the Notified Body of all modifications to the approved products	<input checked="" type="checkbox"/>	<input type="radio"/>	-	-
Following a change in the state of the art, standards or regulations agree to review of the type examination	<input checked="" type="checkbox"/>	<input type="radio"/>	-	-
Cooperate with the competent national authorities to eliminate any risk possibly posed by the product	<input checked="" type="checkbox"/>	<input type="radio"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Upon request, identify to the Market Surveillance Authorities any economic operator involved in the supply chain to bring the product to the consumer	<input checked="" type="checkbox"/>	<input type="radio"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Take immediate corrective measures in case of non-conformities (withdraw or recall, if appropriate) and inform the competent national authorities	<input checked="" type="checkbox"/>	<input type="radio"/>	<input checked="" type="checkbox"/>	Inform Manufacturer and Importer of any risk

Obligations	Manufacturer <sup>1</sup>	Authorized representative <sup>2</sup>	Importer	Distributor
Markings and product documentation				
Ensure safety information and user instructions in Arabic language are included	<input checked="" type="checkbox"/>	-	<input checked="" type="checkbox"/>	Verification of product documentation
Ensure the GCTS are affixed as per GCTS rules (see Chapter 3)	<input checked="" type="checkbox"/>	○	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	<input checked="" type="checkbox"/>	-	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	<input checked="" type="checkbox"/>	-	Verification of marking	Verification of marking
Indicate Manufacturer contact address on the product; the same information shall be on the packaging or accompanying documentation	<input checked="" type="checkbox"/>	-	Verification of marking	Verification of marking
Indicate Importer name, trade name and contact address on the product or on the packaging or accompanying document	-	-	<input checked="" type="checkbox"/>	Verification of marking

# NOTES

**1** 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))

**2** The authorized representative shall be nominated by written mandate specifying his responsibilities.

**3** 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.

**4** 10 years after the product has been placed on the market

**5** 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

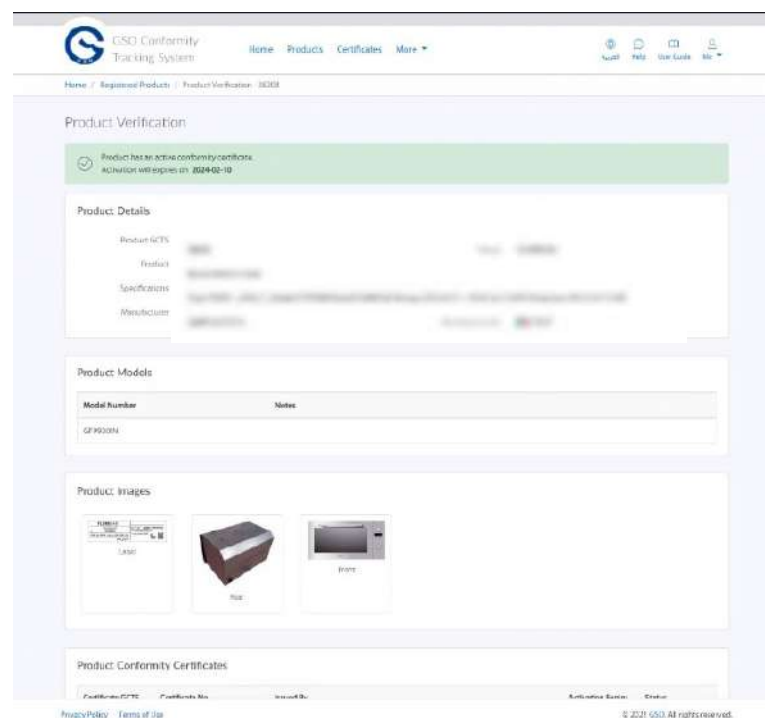
A Gulf Type Examination Certificate issued by Notified Bodies after positive testing and/or review of test reports and documentation, demonstrates the conformity of the models listed to GSO Technical Regulation.

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.



Certificate GCTS, this form of GCTS Can be found and it is only allowed on the Gulf Type Examination Certificate.



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

<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 LV TR



## 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
1. Unique identification No of the electrical equipment(i.e Model no)	1. الرقم التعريفي الوحيد للجهاز أو المعدة الكهربائية (رقم الطراز مثلا)
2. Name of the manufacturer or his authorized representative	2. اسم الصانع أو ممثله الرسمي
3. Address of the manufacturer or his authorized representative	3. عنوان الصانع أو ممثله الرسمي
4. Object of the declaration (identification of electrical equipment allowing traceability)	4. موضوع الإقرار (تعريف الجهاز أو المعدة الكهربائية مع توفير معطيات التتبعية)
5. The object of the declaration described in point 4 is in conformity with the Gulf Technical Regulations	5. موضوع الإقرار المبين في الفقرة 4 مطابق لمتطلبات اللوائح الفنية الخليجية
6. References to the relevant standards used or references to the specifications in relation to which conformity is declared	6. الإشارة إلى المواصفات القياسية الخليجية المطبقة، أو المتطلبات الفنية المستخدمة في الإقرار بالمطابقة
7. The notified body name (if any)	7. اسم الجهة المقبولة (إذا لزم)
8. Number of the notified body	8. رقم الجهة المقبولة
9. Notified body scope	9. نطاق تدخل الجهة المقبولة
10. Additional information This declaration of conformity is issued under the sole responsibility of the manufacturer	10. معطيات إضافية تم إصدار هذا الإقرار تحت المسؤولية الكاملة للصانع
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:

- In case of the intervention of a Notified body the Conformity Assessment Procedure used & certificate issued

#### الوثائق الواجب إرفاقها مع هذا الإقرار:

- في حالة اللجوء إلى جهة مقبولة لتحديد إجراء تفويض المطابقة المستخدم ونسخة من الشهادة الصادرة عنه



## 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) -----	1. الرقم التعريفي الوحيد للجهاز أو المعدة الكهربائية (رقم الطراز مثلا) -----
2. Name of the importer -----	2. اسم المستورد -----
3. Address of the importer -----	3. عنوان المستورد -----
4. Object of the declaration (identification of electrical equipment allowing traceability) -----	4. موضوع الإقرار (تعريف الجهاز أو المعدة الكهربائية مع توفير معطيات التتبع) -----
5. The object of the declaration described in point 4 is in conformity with the Gulf Technical Regulations -----	5. موضوع الإقرار المبين في الفقرة 4 مطابق لمتطلبات اللوائح الفنية الخليجية -----
6. References to the relevant standards used, or references to the specifications in relation to which conformity is declared -----	6. الإشارة إلى المواصفات القياسية الخليجية المطبقة، أو المتطلبات الفنية المستخدمة في الإقرار بالمطابقة -----
7. The notified body name (if any) -----	7. اسم الجهة المقبولة (إذا لزم) -----
8. Number of the notified body -----	8. رقم الجهة المقبولة -----
9. Notified body scope -----	9. نطاق تدخل الجهة المقبولة -----
10. Additional information -----	10. معطيات إضافية -----
This declaration of conformity is issued under the sole responsibility of the importer Signed for and on behalf of: -----	
تم إصدار هذا الإقرار تحت المسؤولية الكاملة للمستورد 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:

- In case of the intervention of a Notified body the Conformity Assessment Procedure used & certificate issued

#### الوثائق الواجب إرفاقها مع هذا الإقرار:

- في حالة اللجوء إلى جهة مقبولة لتحديد إجراء تفويض 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.



See section 4 "Certificate Tracking System".



## 2. LV REGULATION

BD-142004-01

## 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.

## PRODUCTS IN LIST (2)

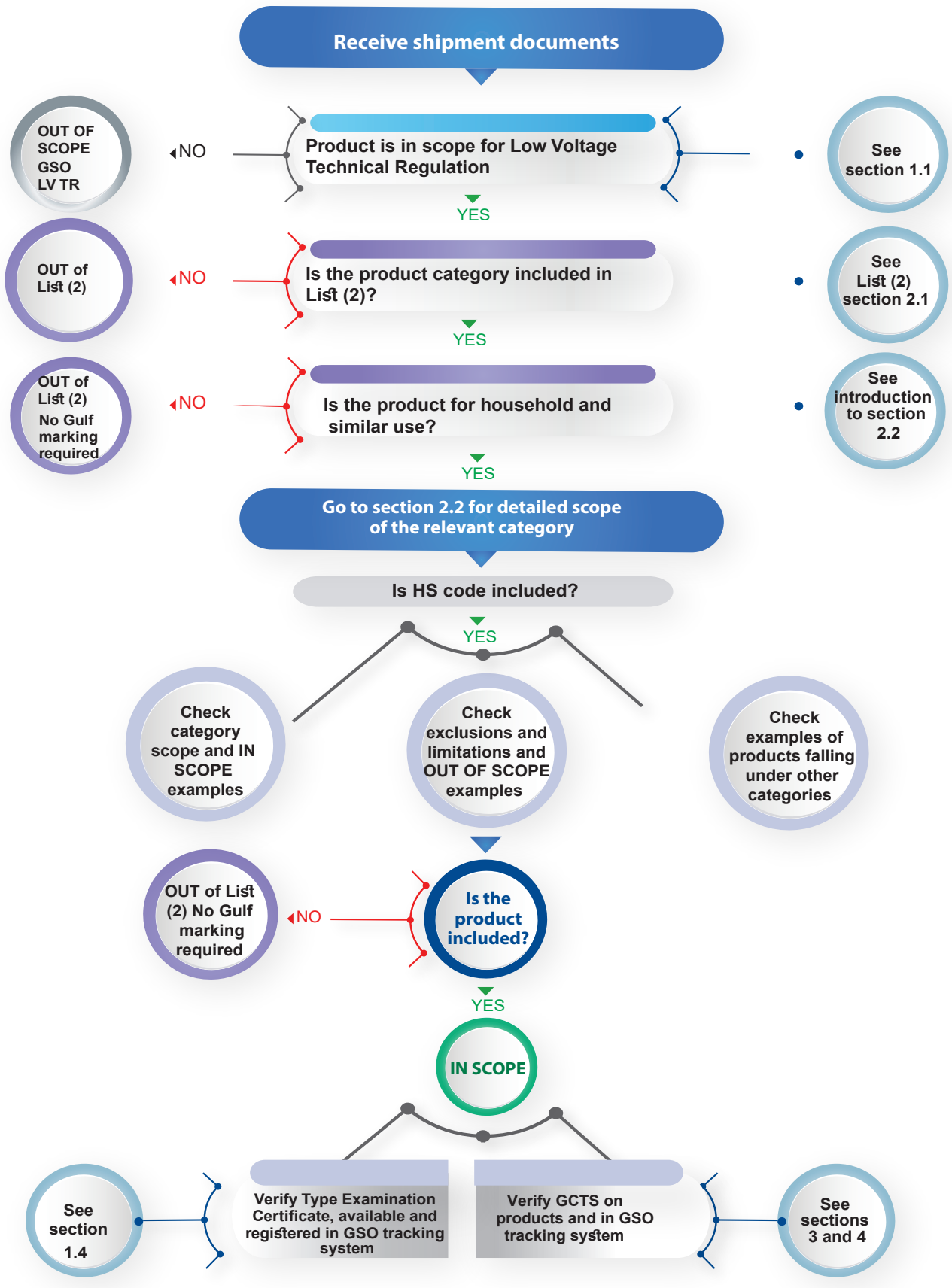


FIG. 2.1A DECISION TREE TO CLASSIFY PRODUCTS REQUIRING GULF TYPE EXAMINATION CERTIFICATE



## 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 7<sup>th</sup> and 8<sup>th</sup> 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
84 14 51 00	<b>Table, floor, wall, window, ceiling or roof fans, with a self contained 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:

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

<b>85 04</b>	Electrical transformers, static converters (for example, rectifiers) and inductors.	
<b>85 04 40</b>	- Static converters:  - - - Electrical static converters for automatic data processing machines, there units and communication apparatus:	
<b>85 04 40 13</b>	- - - - Charger for dry batteries	
<b>85 36</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	
<b>85 36 69</b>	- Lamp-holders, plugs and sockets :  - - Other :	
<b>85 36 69 20</b>	- - - Other plugs and sockets	
<b>85 36 90</b>	- Other apparatus:	
<b>85 36 90 91</b>	- - - Other: - - - - Adapters, wether or not incorporating a slot for USB or the like.	

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>
<b>850940000000</b>	- Food grinders and mixers; fruit or vegetable juice extractors	(Saudi Customs)
<b>850940000001</b>	Food mills	(Saudi Customs)
<b>850940000002</b>	food Mixers	(Saudi Customs)
<b>850940000003</b>	Fruit Juices	(Saudi Customs)
<b>850940000004</b>	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:

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

## 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 LV TR, 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

<b>84 14</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.	
<b>84 14 5x</b>	Fans	
<b>84 14 51 00</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</b>	Table, floor, wall, window, ceiling or roof fans, with a selfcontained electric motor of an output not exceeding 25 W	<i>New HS code from The Unified Customs Tariff for GCC States 2017</i>
<b>84 14 51 20</b>	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>New HS code from The Unified Customs Tariff for GCC States 2017</i>
<b>84 14 59 00</b>	Other	

## 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

### Ceiling fans (also in combination with luminaire)

01-A-1



### Pedestal fans and tower fans

01-A-2



### Table fans and wall fans

01-A-3



### Floor standing fans and box fans

01-A-4



**Air mover / blower fan for household and similar use**

01-A-5



**Duct fans for household use**

01-A-6



**Partition fans and exhaust fans for household use**

01-A-7





## 01-B Products out of scope: examples

### Air-purifiers / Dehumidifiers

01-B-1



### Evaporative air coolers

01-B-2



### Mist fans

01-B-3



### Air curtains

01-B-4



## PRODUCTS IN LIST (2)

### Exhaust fans for non-household use

01-B-5



### Mini Sirocco fans

01-B-6



### Fan for cooling electric equipment

01-B-7



### Roof-top Fan

01-B-8



## Range hoods

01-B-9



## Industrial purpose fans

01-B-10



## High pressure centrifugal fan

01-B-11



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

<b>84 18</b>	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>	Combined refrigerator-freezers, fitted with separate external doors	
<b>84 18 21 00</b>	Refrigerators, household type: Compression-type	
<b>84 18 29 00</b>	Refrigerators, household type: Other	
<b>84 18 30 00</b>	Freezers of the chest type, not exceeding 800 liters capacity	
<b>84 18 40 00</b>	Freezers of the upright type, not exceeding 900 liters capacity	

### Applicable Standards

	International standards	Remarks
<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

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

02-A-1



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-2



Mini fridges and beverage coolers for household use

02-A-3



Chest freezers up to 800 liters capacity

02-A-4



Upright freezers up to 900 liters capacity

02-A-5



## 02-B Products out of scope: examples

### Free standing ice makers: machines for making, storing, dispensing ice

02-B-1



### Ice-cream appliances: ice cream and gelato makers and dispensers

02-B-2



### Other cooling appliances: water coolers and dispensers

02-B-3



## PRODUCTS IN LIST (2)

### Refrigerating appliances having a rated capacity above 900 litres

02-B-4



### Chest freezers exceeding 800 liters capacity

02-B-5



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

02-B-6





## Dispensing appliances and vending machines

02-B-7



## Refrigerating appliances for laboratory and/or medical use

02-B-8



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

02-B-9



## Parts for refrigerators: motor compressors

02-B-10



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

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

**Applicable Standards**

	<b>International standards</b>	<b>Remarks</b>
<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

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

03-A-1



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

03-A-2



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

03-A-3



## 03-B Products out of scope: examples

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

03-B-1



**Domestic Washing Machine with front and top load in 1 machine where their total capacity exceed 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



# 2. GSO

## PRODUCTS IN LIST (2)

### 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

03-B-10



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

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

**Applicable Standards**

	<b>International standards</b>	<b>Remarks</b>
<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.
  - Sweet ball makers
  - Car-portable grinders and coffee heaters

## 04-A Products in scope: examples

### Food grinder – Mincer

04-A-1



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

04-A-2



### Food mixer – Table stand type

04-A-3



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

04-A-4



## PRODUCTS IN LIST (2)

**Food mixer – Hand-held type including DC kitchen machine supplied with detachable AC adaptor**

04-A-5



**Fruit or vegetable juice extractors – Centrifugal juicer or slow juicer**

04-A-6



**Fruit juice extractors – Citrus-fruit squeezer**

04-A-7



**Food mixer – Stick blender (Hand-held blender)**

04-A-8



## PRODUCTS IN LIST (2)

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

04-A-9



**Coffee mill / coffee grinder**

04-A-10



**Grain grinder**

04-A-11



**Food processor for food mixing or food blending**

04-A-12



## 04-B Products out of scope: examples

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

04-B-1



### Chopper without food mixing or food blending functions

04-B-2



### Slicing machine for meat, cheese, bread or similar

04-B-3



### Can opener

04-B-4



### Knife sharpener

04-B-5



### Electric knife

04-B-6



### Ice-cream maker/machine

04-B-7



### Potato, fruit or vegetable peeler

04-B-8



## PRODUCTS IN LIST (2)

### Milk frother (blending + heating function)

04-B-9



### Noodle maker

04-B-10



### Food waste disposers

04-B-11



### Commercial or industrial machinery for the preparation of meat or poultry

04-B-12



## PRODUCTS IN LIST (2)

### Commercial or industrial food processing equipment

04-B-13



### Sweet Ball Maker

04-B-14



### Product operate with less than 50V, car portable items and simialrs

04-B-15





**Category 5: Toasters**

<b>85 16</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.
<b>85 16 72 00</b>	Other electro-thermic appliances:  Toasters

**APPLICABLE STANDARDS**

	<b>International standards</b>	<b>Remarks</b>
<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

### Toasters

05-A-1



### Sandwich toasters

05-A-2



### Oven toasters

05-A-3



### Combination toasters

05-A-4



## 05-B Products out of scope: examples

### Commercial toasters

05-B-1



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

<b>85 16</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	-
<b>85 16 31 00</b>	- Electro-thermic hair-dressing or hand-drying apparatus: - - Hair dryers	-
<b>85 16 32 00</b>	- Electro-thermic hair-dressing or hand-drying apparatus: - - Other hair-dressing apparatus	-
<b>85 16 33 00</b>	- Electro-thermic hair-dressing or hand-drying apparatus: - - Hand-drying apparatus	-

**Applicable Standards**

	<b>International standards</b>	<b>Remarks</b>
<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

### Hand-held type Hair dryer

06-A-1



### Hair Straightener / Hair Flattener

06-A-2



### Curling iron / Hair curler

06-A-3



### Hair roller set (heater for detachable curlers)

06-A-4



## PRODUCTS IN LIST (2)

### Hot Air Brush / Curling comb

06-A-5



### Hand-drying apparatus / Hand Dryer

06-A-6



### Wall mount air-blade (Hand dryer)

06-A-7



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

06-A-8



May be combined with  
shaver socket outlet, see  
Category 12

### Wall-mounted Hair dryer/station

06-A-9





## 06-B Products out of scope: examples

### Facial sauna

06-B-1



### Hair Clipper

06-B-2



### Hair remover, epilator

06-B-3



### Therapeutic / Cosmetic Lamp (IR, UV)

06-B-4



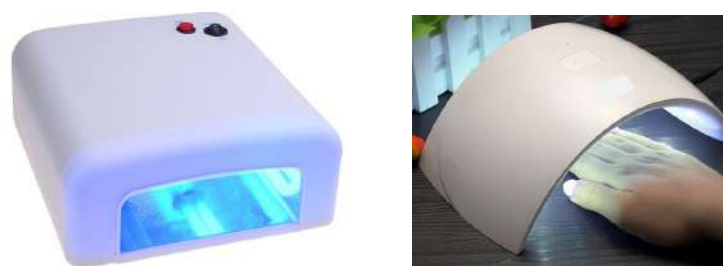
### Nails care appliance (pedicure, manicure)

06-B-5



### Nails Dryer

06-B-6



### Electronic Towel dispenser / Electronic Soap dispenser

06-B-7



### Helmet type hair drying apparatus for use in hairdressing salons

06-B-8



## PRODUCTS IN LIST (2)

### Permanent wave appliance for use in hairdressing salons

06-B-9



### Animal clippers, animal shearers

06-B-10



### Blankets, pads, clothing and similar flexible heating appliances

06-B-11



### Electric body dryers

06-B-12



**Category 7: Domestic electric heating apparatus**

<b>85 16</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	-
<b>85 16 29 10</b>	- Electric space heating apparatus and electric soil heating apparatus:  - - Other:  - - - Domestic electric heating apparatus	-

**Applicable Standards**

	<b>International standards</b>	<b>Remarks</b>
<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;

## PRODUCTS IN LIST (2)

### 07-A Products in scope: examples

#### Fan Heater

07-A-1



#### Liquid-filled radiator

07-A-2



#### Radiant heater

07-A-3



## PRODUCTS IN LIST (2)

### Fireplace heater (electric heater with decorative visual effects)

07-A-4



### Panel heater

07-A-5



### Convection Heater

07-A-6



### Tubular heater

07-A-7



### Heaters for use in greenhouses, for domestic use

07-A-8



### Ceiling mounted heat lamp appliances

07-A-9



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

### Electric space heater / Patio heater

07-A-10





## 07-B Products out of scope: examples

### Cab heaters or heaters for caravans

07-B-1



### Heaters for use in greenhouses, not for domestic use

07-B-2



### Heating blanket, Heating Pad, Heating Mattress

07-B-3



## PRODUCTS IN LIST (2)

### Foot warmer

07-B-4



### Under Carpet Heating Mats

07-B-5



### Thermal storage heating radiators

07-B-6



### Sauna heating appliances

07-B-7



### Electric incense burner

07-B-7



### Electrically heated towel rails

7-B-8



### 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-8



### Gas-fired space heaters / patio heaters

7-B-9



## PRODUCTS IN LIST (2)

### Industrial electric heaters

07-B-10



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

07-B-11



**Category 8: Microwave ovens**

<b>85 16</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.
<b>85 16 50 00</b>	Microwave ovens

**Applicable Standards**

	<b>International standards</b>	<b>Remarks</b>
<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.

## PRODUCTS IN LIST (2)

### 08-A Products in scope: examples

#### Free standing microwave

08-A-1



#### Built-in microwave

08-A-2



#### Microwave with grill function

08-A-3



#### Combination microwave ovens

08-A-4



## 08-B Products out of scope: examples

### Commercial microwave ovens

08-B-1



### Microwave for laboratories

08-B-2



### Microwave for industrial processing

08-B-3



### Parts for microwave ovens: Magnetrons

08-B-4



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

<b>85 16</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
<b>85 16 60 00</b>	Other ovens, cookers, cooking plates, boiling rings, grillers and roasters

**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**

	<b>International standards</b>	<b>Remarks</b>
<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

### Free standing ovens

09-A-1



### Built-in ovens

09-A-2



### Steam ovens

09-A-3



### Electric or gas-electric cooking ranges

09-A-4



## PRODUCTS IN LIST (2)

### Induction hobs

09-A-5



### Electric hobs

09-A-6



### Induction wok elements

09-A-7



### Electric Griddles

09-A-8



## PRODUCTS IN LIST (2)

### Electric Grills

09-A-9



### Barbecues for indoor use

09-A-10



### Contact grills

09-A-13



### Hotplates and induction hotplates

09-A-16



## PRODUCTS IN LIST (2)

### Induction wok hotplates

09-A-17



### Portable ovens and table-top cookers

09-A-18



### Raclette grills

09-A-19



### Contact grills (also Sandwich grills)

09-A-25



## Rotary grills

09-A-21



## Roasters

09-A-20



## Rotisseries

09-A-22



## Hot air fryers

09-A-26



## PRODUCTS IN LIST (2)

### Warming plates

09-A-27



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

### Bread makers

09-A-11



### Waffle irons

09-A-23



### Crepe/pancake makers

09-A-24



## PRODUCTS IN LIST (2)

### Electric frying pans

09-A-25



### Electric woks

09-A-26



### Cooking pans

09-A-27



### Cookers

09-A-28





## PRODUCTS IN LIST (2)

### Pressure cookers

09-A-29



### Rice cookers

09-A-30



### Slow cookers

09-A-31



### Steam cookers

09-A-32



# 2. GSO

## PRODUCTS IN LIST (2)

### Egg boilers

09-A-33



### Soy milk makers

09-A-34



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

### Yoghurt makers

09-A-35



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

### Warming drawer

09-A-36



## 09-B Products out of scope: examples

### Gas ranges

09-B-1



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

### Barbecues for outdoor use

09-B-2



### Deep fat fryers for household use

09-B-3



### Kettles and other appliances for boiling water

09-B-4



## PRODUCTS IN LIST (2)

### Coffee makers

09-B-5



### Tea makers

09-B-6



### Samovars

09-B-7



### Feeding-bottle heaters

09-B-8



### Milk heaters (also milk frothers)

09-B-9



## PRODUCTS IN LIST (2)

### Chocolate fondue fountain

09-B-10



### Pop-corn makers

09-B-11



### Coffee Roaster

09-B-12



### Candy floss makers

09-B-13



## PRODUCTS IN LIST (2)

### Food dehydrators

09-B-14



### Electric charcoal starters

09-B-15



### Commercial cooking appliances

09-B-16



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

<b>85 16</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:	
<b>85 16 10</b>	Electric instantaneous or storage water heaters and immersion heaters	
<b>85 16 10 00</b>	Electric instantaneous or storage water heaters and immersion heaters	This HS code may cover appliances above 200 liters capacity which are however excluded from the scope of List (2)
<b>85 16 10 10</b>	Electric instantaneous or storage water heaters and immersion heaters, of a capacity 200 liters or less	New HS code from The Unified Customs Tariff for GCC States 2017

**Applicable Standards**

	<b>International standards</b>	<b>Remarks</b>
<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
	GSO 1858	Optional Standard for only storage water heaters of certain type targeting KSA.
<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

### Instantaneous water heaters

10-A-1



### Storage water heaters, of a capacity 200 liters or less

10-A-2



### Fixed immersion heater

10-A-3



### Portable immersion heater

10-A-4



## 10-B Products out of scope: examples

### Electric storage water heaters having a capacity exceeding 200 liters

10-B-1



### Appliances for boiling water

10-B-2



### Commercial dispensing appliances and vending machines

10-B-3



## PRODUCTS IN LIST (2)

### Aquarium heaters

10-B-4



### Waterbed heaters

10-B-5



### Portable immersion heater for non-domestic use

10-B-6



### Engine preheaters such as those for cars and buses

10-B-7



## PRODUCTS IN LIST (2)

### Gas-fired water heater, instantaneous or storage

10-B-8



### Solarthermal water heaters

10-B-9



### Heating elements incorporated in portable appliances

10-B-10



### Industrial purposes water heaters

10-B-11



**Category 11: Electric smoothing irons**

<b>85 16</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	-
<b>85 16 40 00</b>	- Electric smoothing irons	-

**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**

	<b>International standards</b>	<b>Remarks</b>
<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

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

## The scope excludes

- The scope excludes
- electric ironers; for example
  - o ironing presses for one-person operation;
  - o mangles;
  - o rotary ironers for one-person operation;
  - o 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

### Dry Iron

11-A-1



### Steam Iron

11-A-2



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

11-A-3



### Cordless Steam iron

11-A-4



**PRODUCTS  
IN LIST (2)**

**Steam Iron**

11-A-5



**Steam Iron integrated with iron board**

11-A-6



**Hand-held type Garment steamer / Fabric steamer**

11-A-7



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)"

**Portable type Garment steamer / Fabric steamer**

11-A-8



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



## 11-B Products out of scope: definitions and examples

### Ironing presses

11-B-1



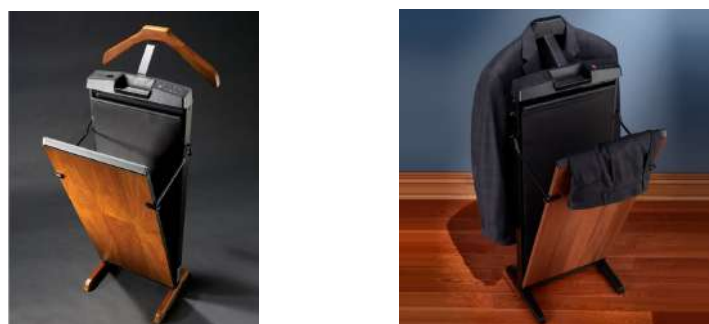
### Rotary ironers

11-B-2



### Trouser presses

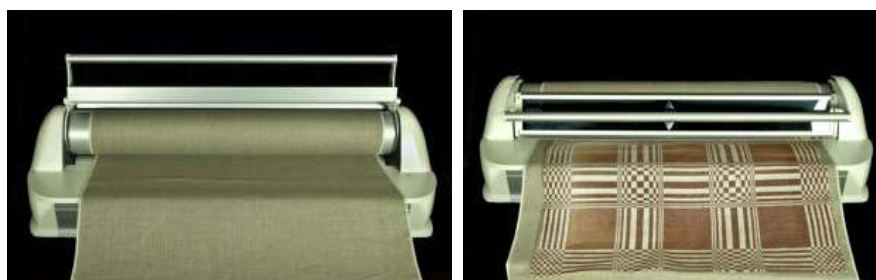
11-B-3



## PRODUCTS IN LIST (2)

### Mangle

11-B-4



### Steam cleaner

11-B-5



### Vacuum ironing board

11-B-6



### Steam press machine

11-B-7



Rotary iron operated by more than one person

11-B-8



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

<b>85 44</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
<b>85 44 4x</b>	- Other electric conductors, for a voltage not exceeding 1000 V: - - Fitted with connectors:
<b>85 44 42 20</b>	- - - Electric cable of a cross-section not exceeding 10 mm
<b>85 44 42 21</b>	- - - 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>	- - - Electric cable of a cross-section not exceeding 10 mm - - - - Other
<b>85 36</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
<b>85 36 69 10</b>	- Lamp-holders, plugs and sockets: - - Other: - - - Plugs and sockets for co-axial cables and printed circuits

## 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:

<b>85 04</b>	Electrical transformers, static converters (for example, rectifiers) and inductors.
<b>85 04 40</b>	- Static converters: - - - Electrical static converters for automatic data processing machines, there units and communication apparatus:
<b>85 04 40 13</b>	- - - - Charger for dry batteries
<b>85 36</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
<b>85 36 69</b>	- Lamp-holders, plugs and sockets : - - Other :
<b>85 36 69 20</b>	- - - Other plugs and sockets
<b>85 36 90</b>	- Other apparatus:
<b>85 36 90 91</b>	- - - Other: - - - - Adapters, whether or not incorporating a slot for USB or the like.

## Applicable Standards

	International standards	Remarks
<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 62368-1	Audio/Video, Information And Communication Technology Equipment - Part 1: Safety Requirements
	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	requirements for cord extension sets
	(GSO 2117)	For products targeting Saudi 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 1363-3	13 A plugs, socket-outlets, adaptors and connection units. Specification for adaptors
BS 546	requirements for two-pole and earthing-pin plugs, socket-outlets and socket-outlet adaptors (TYPE D) and TYPE M	
SASO 2203	Compulsory for plugs and socket outlets targeting KSA	
<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)
	CISPR 35	Electromagnetic compatibility of multimedia equipment - Immunity requirements
	CISPR 14-1	For battery charger
	CISPR 14-2	For battery charger
	IEC 61000-6-1	For socket-outlet / extension cord sets with USB which is not for specified purpose
	IEC 61000-6-3	For socket-outlet / extension cord sets with USB which is not for specified purpose
	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: definitions and examples

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

12-A-1



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

12-A-2



**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-3



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

12-A-4



## PRODUCTS IN LIST (2)

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

12-A-5



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

12-A-6



**Portable Car battery charger for charging car Lead-acid battery**

12-A-7



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

12-A-8



## PRODUCTS IN LIST (2)

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

12-A-9



Socket outlets may be in combination with other functions, e.g.

**additional USB power supply:**

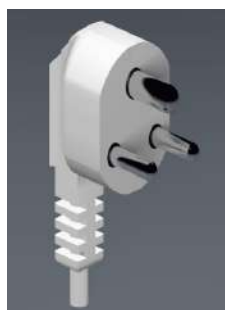


**with cooker switch:**



### BS546 plug and socket outlet, 5 Ampere (TYPE D) and 15 A for type M

12-A-10



## PRODUCTS IN LIST (2)

### Socket outlets (modular) for integrated use with wiring devices

12-A-11



(e.g. power tracks, built-in outlets for furniture, office floors etc.)

### Socket outlet, portable (single or multi-tap)

12-A-12



### Cord extension set, switched or unswitched

12-A-13



## PRODUCTS IN LIST (2)

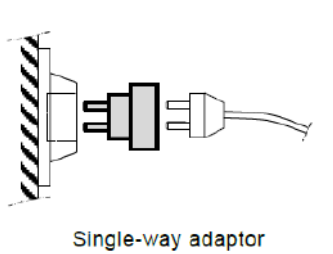
### Cord extension set with additional function (USB power, surge protection etc.)

12-A-14



### Single-way adaptor

12-A-15



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

12-A-65



### Multi-way adaptor

12-A-17



## 12-B Products out of scope: definitions and examples

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

12-B-1



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

12-B-2



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

12-B-3



AC-DC adaptor for charging laptop computers or similar

12-B-4



### External PSU for Laptops

12-B-5



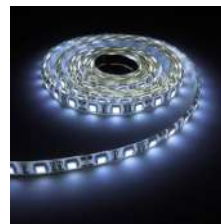
### Built-in power supply units

12-B-6



### LED driver – Independent type

12-B-7



### LED driver – Built-in type

12-B-8



### Toy transformer / Toy power supply

12-B-9



### 12V portable power station (multi-function)

12-B-10



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

12-B-11



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

12-B-12





## PRODUCTS IN LIST (2)

### Cable or power cord

12-B-13



### Power cord set

12-B-14



### Appliance inlets and AC couplers



## PRODUCTS IN LIST (2)

### Cable drum or cord reel

12-B-15



### Plugs and connectors for industrial applications

12-B-17



### Electric Vehicle (EV) charger (transportable or fixed)

12-B-18



**Category 13: Air conditioners**

<b>84 15</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.	-
<b>84 15 10 00</b>	- Window or wall types - self-contained	-
<b>84 15 10</b>	- 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
<b>84 15 10 10</b>	-- air-conditioning equipment with 70,000 thermal units or less.	New HS code from The Unified Customs Tariff for GCC States 2017
<b>84 15 10 20</b>	-- air-conditioning devices with more than 70,000 thermal units	New HS code from The Unified Customs Tariff for GCC States 2017

**Applicable Standards**

	<b>International standards</b>	<b>Remarks</b>
<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)

### Note:

Air conditioner: encased assembly or assemblies, designed as an appliance primarily to provide delivery of conditioned air to an enclosed space, room or zone (conditioned space). It includes an electrically operated refrigeration system for cooling and possibly dehumidifying the air. An air conditioner can contain a combination of condensing unit or condenser unit and an evaporating unit or evaporator unit.

It may include a prime source of refrigeration for heating (“heat pump”). A heat pump can contain a combination of condensing unit or condenser unit and an evaporating unit or evaporator unit and can be equipped to operate in a reverse cycle mode to remove heat from the conditioned space and discharge it to a heat sink for cooling and dehumidification by the same equipment (“reversible heat pump”).

It can also include means for heating other than a heat pump, as well as means for circulating, cleaning, humidifying, ventilating or exhausting air. Such equipment can be either single-package or split-system and may be provided in more than one assembly, the separated assemblies (split-systems) of which are intended to be used together.

(Definitions adapted from ISO 5151 and IEC 60335-2-40)

Typical examples of such products are single-package window-type air-conditioners and single-split system air-conditioners with indoor units designed to be fixed to a wall, ceiling or floor, including wall or ceiling-concealed<sup>1</sup> mounted units designed primarily to provide free delivery of conditioned air.

## The scope excludes

- central air conditioning machines;
- air-conditioners designed primarily to provide ducted delivery of conditioned air (single-package or split-system);
- heat pumps (other than to provide delivery of conditioned air for heating), including sanitary hot water heat pumps;
- multiple split-systems utilizing one or more outdoor units and one or more indoor units;
- air conditioners for non-residential applications such as industrial and similar use
- evaporative air coolers;
- 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.

1 also including so-called “concealed ductable” units using limited ducting to improve air circulation within the conditioned space, but not designed primarily to provide ducted delivery of conditioned air to several enclosed spaces, rooms or zones in a building.

## 13-A Products in scope: definitions and examples

### Window-type air conditioner (self-contained)

13-A-1



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

13-A-2



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

13-A-3



### Split-type air conditioner, floor-level mounted

13-A-4



### Split-type air conditioner, floor standing air conditioner

13-A-5



Outdoor Unit Option1:  
Side Discharge



Outdoor Unit Option 2:  
Top Discharge

### Split-type air conditioner, ceiling-suspended units

13-A-6



### Split-type air conditioner, concealed ceiling units

13-A-7



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

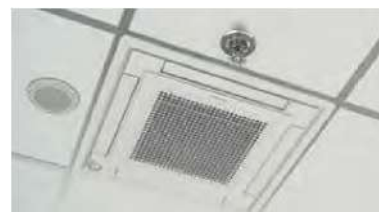
13-A-8



Outdoor Unit Option1:  
Side Discharge



Outdoor Unit Option 2:  
Top Discharge



## PRODUCTS IN LIST (2)

### Mobile air-conditioners (self-contained)

13-A-9



### Mobile air-conditioners, split-type

13-A-10





## 11-B Products out of scope: definitions and examples

13-B-1

Central air-conditioning machines  
Central air conditioning machines, multi-split type systems (e.g. VRF),  
single-package ducted systems (e.g. rooftop), single or multi-split-type  
ducted systems



## PRODUCTS IN LIST (2)

### Evaporative air-coolers

13-B-2



### Heat pumps, other than air conditioning machines of heading 84.15

13-B-3

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



### Air-purifiers / Dehumidifiers

13-B-4



### Fans and other parts to be incorporated in air conditioning equipment

13-B-4



## Automotive air conditioners

13-B-5





### 3. CONFORMITY TRACKING SYMBOL (GCTS)

# 3. GSO

## 3. CONFORMITY TRACKING SYMBOL (GCTS)

### 3.1 GCTS for Certificates Configuration

## 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 1<sup>st</sup> page



# The GCTS

on certificate shall be clearly visible and legible by common QR codes scanners<sup>4</sup>.

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)

4. 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

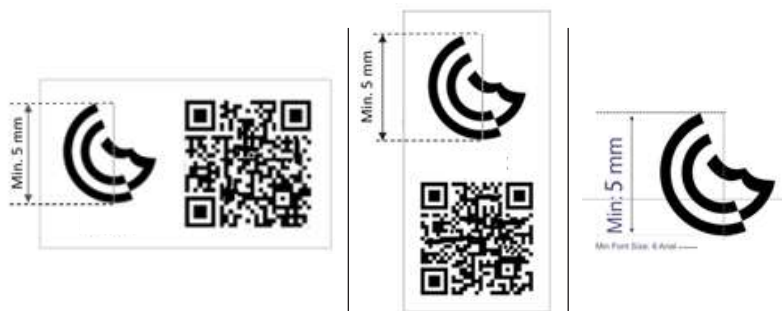
# Configuration

### Composed by 2 elements:

1. Gulf Conformity Marking (G-Mark logo):
2. The QR Code tracking the product:



### Minimum dimensions



### Location

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.

TABLE 3.2: CASE SCENARIOS FOR GCTS ALLOWED LOCATION

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	-----	

## 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)



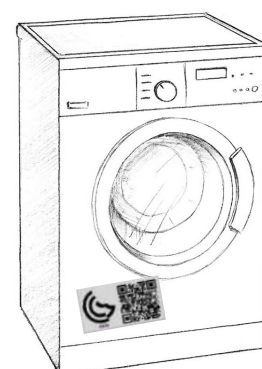
## 2) Check the product:

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. 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 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>

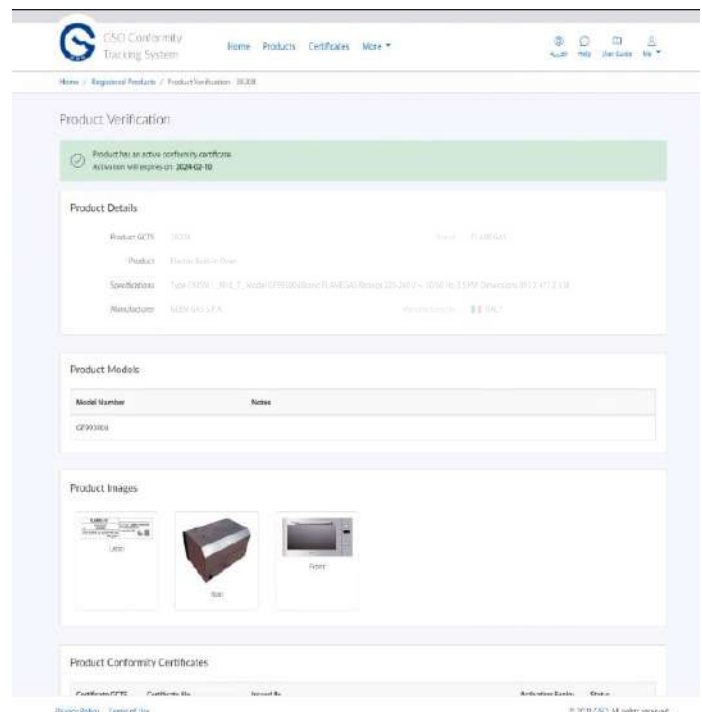
If a QR code is not legible by scanners, verify if its design is in line with all requirements for the GCTS (minimum dimensions, colors, background, clear printing without distortion etc.).

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.

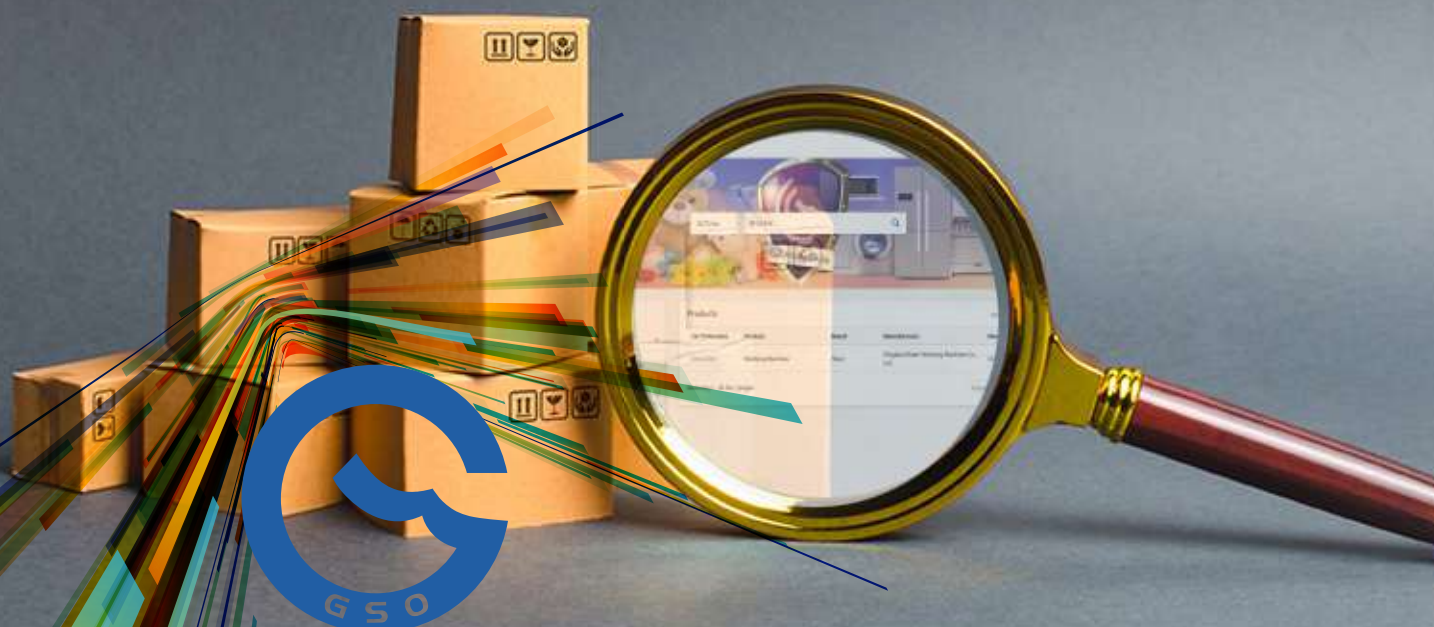


**Check**

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



<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. 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

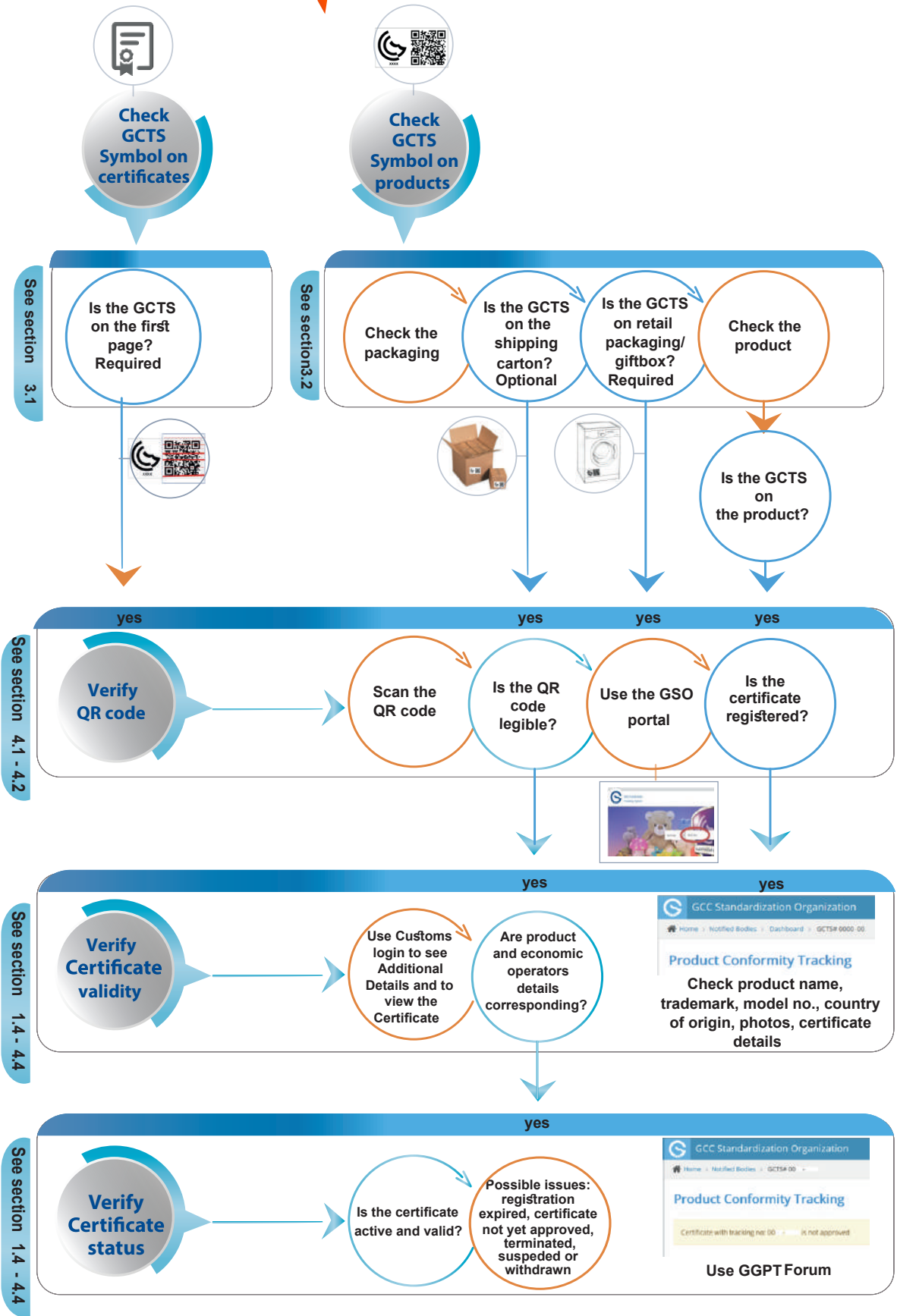


FIG. 4.1A GCTS CERTIFICATE TRACKING SYSTEM FLOW CHART

## 4.2 Use of the QR code and available scanners

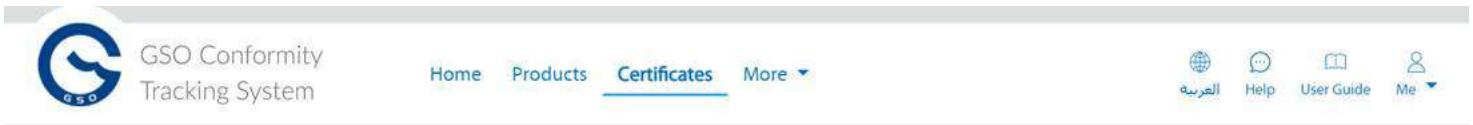
To read a QR code it is possible to use different kind of

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



### 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/>



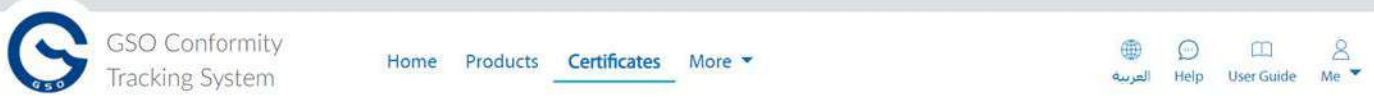
Home / Certificates Issued by NB

#### Certificates Issued by NB

Found 37849 Certificates

Search by GCTS Number, Certificate Number and Economic Operator

GCTS No.	Certificate No.	Issued By	Issued For	Activation Expiry	Certificate Status
0011-221	<a href="#">SG-GCC-0000220</a>	<a href="#">GSO Conformity Tracking System</a>	<a href="#">GSO Conformity Tracking System</a>	2024-01-28	Published
0005-3118	<a href="#">HK-GSOG-0000759</a>	<a href="#">GSO Conformity Tracking System</a>	<a href="#">GSO Conformity Tracking System</a>	2024-01-28	Published
0012-6421	<a href="#">CN-GSOG-20210022</a>	<a href="#">GSO Conformity Tracking System</a>	<a href="#">GSO Conformity Tracking System</a>	2024-01-28	Published
0027-787	<a href="#">GCC10787</a>	<a href="#">GSO Conformity Tracking System</a>	<a href="#">GSO Conformity Tracking System</a>	2024-01-26	Published
0021-518	<a href="#">GC-10589-UL</a>	<a href="#">GSO Conformity Tracking System</a>	<a href="#">GSO Conformity Tracking System</a>	2024-01-26	Published



Home / Certificates Issued by NB

#### Certificates Issued by NB

Found 1 Certificates

0007-1288

GCTS No.	Certificate No.	Issued By	Issued For	Activation Expiry	Certificate Status
0007-1288	<a href="#">AG 50410060 0002</a>	<a href="#">GSO Conformity Tracking System</a>	<a href="#">GSO Conformity Tracking System</a>	2021-06-21	Published

Showing 1 - 1 for 1 pages

Previous 1 Next



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 OperatorΑκτιο

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

Gulf Technical Regulation for Low Voltage Electrical Equipment and Appliances

شارة المطابقة الخليجية

**Products**  
Browse the products bearing the G-Mark, registered by notified bodies.

**Certificates**  
Authorities in GSO member bodies can view and verify certificates details

**Economic Operators**  
Gulf Economic Operators Directory for (Manufacturers, Importers & Distributors)

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Guidance 290121....pdf

Show all

Certificates can be filtered by:

The screenshot shows the GSO Conformity Tracking System interface. The top navigation bar includes 'Home', 'Products', 'Certificates', and 'More'. The main content area is titled 'Registered Products' and shows a list of products with columns for 'Product GCTS', 'Product', 'Brand', 'Manufacturer', and 'Country'. A search bar is present above the list. On the left, there is a 'Filters' sidebar with a 'Product' section containing a search box and a list of product categories with counts: Contact Grill (60), Microwave Oven (714), Juicer Blender (15), Built In Hobs (2), Stand Fan (26), and Electric Irons (Steam I... (3). There is also a 'Manufactured In' section. The footer contains 'Privacy Policy', 'Terms of Use', and a copyright notice: '© 2021 GSO. All rights reserved'.

This close-up shows a 'Brand' filter dropdown menu. The 'Brand' label is at the top with an upward arrow. Below it is a light blue button with a loading spinner and the text 'Loading...'. At the bottom, there is an 'Economic Operator' dropdown menu with a downward arrow.

Manufactured In ^

---

Q Search Made In

---

Clear Selection

- Thailand (729)
- India (359)
- United Kingdom (293)
- United States (147)
- Switzerland (21)
- Japan (58)

Product ^

---

Q Search Product

---

Clear Selection

- Contact Grill (60)
- Microwave Oven (714)
- Juicer Blender (15)
- Built In Hobs (2)
- Stand Fan (26)
- Electric Irons (Steam I... (3)

# 4. GSO

## CERTIFICATE TRACKING SYSTEM

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

The screenshot shows the GSO Conformity Tracking System interface. At the top, there is a navigation bar with the GSO logo, the text "GSO Conformity Tracking System", and menu items: Home, Products, Certificates, and More. On the right side of the navigation bar, there are icons for Arabic (العربية), Help, User Guide, and Me. Below the navigation bar, the breadcrumb "Home / GCTS Verification - 0011-221" is visible. The main content area is titled "GCTS Verification" and contains a warning message: "Certificates details are accessible only by surveillance authorities, notified bodies and economic operators only." Below this, there are two sections: "Activation Details" and "Certificate Details".

Activation Details	
Certificate GCTS	0011-221
Valid From	2021-01-28
	2024-01-28

Certificate Details	
Certificate Number	SG-GCC-0000220
Certificate First Issue Date	2021-01-28
	2024-01-28
Certificate Status	Published
	2021-01-28
Technical Regulation	Low Voltage Devices

At the bottom of the page, there are links for "Privacy Policy" and "Terms of Use", and a copyright notice: "© 2021 GSO. All rights reserved." A search icon is also present.



The screenshot shows the "Product Conformity Tracking" page for GCTS# 0021-122. The page header includes the GCC Standardization Organization logo and the text "GCC Standardization Organization". The breadcrumb "Home > Notified Bodies > GCTS# 0021-122" is visible. The main content area is titled "Product Conformity Tracking" and contains a table with the following details:

GCTS	0021-122
Brand	GLEM
Manufacturer	GLE
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

Below the table, there is a section titled "Product Images" which displays three images: a hob, a hob with a glass cover, and a technical drawing of the hob. At the bottom of the page, there is a button that says "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).

# 4. GSO

## CERTIFICATE TRACKING SYSTEM

GSO Customs Guidance

### 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 GSO Conformity Tracking System interface. At the top, the logo and name "GSO Conformity Tracking System" are visible, along with navigation links for Home, Products, Certificates, and More. User options for Arabic, Help, User Guide, and Me are also present.

The main content area is titled "Product Verification" and features a green status bar indicating: "Product has an active conformity certificate. Activation will expires on 2024-01-28".

Below this, the "Product Details" section lists:
 

- Product GCTS: [Redacted]
- Brand: FULGOR
- Product: [Redacted]
- Specifications: [Redacted]
- Manufacturer: [Redacted]
- Manufactured In: TURKEY

The "Product Models" section contains a table with the following data:

Model Number	Notes
FGI 300	

The "Product Images" section shows three images: Label, Packaging, and Front.

At the bottom of the interface, there are links for Privacy Policy and Terms of Use, a copyright notice "© 2021 GSO. All rights reserved.", and a help icon. A PDF viewer at the bottom left shows "Guidance 290121....pdf" and a "Show all" button is located at the bottom right.

Click on “view Additional Details” and L

[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

Certificate status	Meaning of the status
<b>Registration Expired</b>	<p>Registration expired because registration fee has not been paid within expiry date.</p> <p>The registration is only an administrative obligation and has no connection with the conformity of the products to the technical regulation.</p>
System shows certificate details and registration expiry date in the pas	

With Custom's login the system shows the message

### Product Conformity Tracking

The certificate registration expired on 13-JUN-2018

 GCC Standardization Organization

Home > Notified Bodies > GCTS# 0000-000

### Product Conformity Tracking

GCTS 0000-000

Brand

Manufacturer

Manufacturing Location

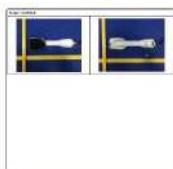
Product

Registration Expiry Date

Description

Model No

### Product Images



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



Certificate status	Meaning of the status
<b>Terminated</b>	<p>The certificate was terminated by the Notified Body upon request of the manufacturer.</p> <p>Possible reasons for termination of certificates include:</p> <ul style="list-style-type: none"> <li>Products are not manufactured any more</li> <li>The manufacturer does not exist anymore</li> <li>The manufacturer does not intend to update the certificate to new standards or in case of changes to the products that require new examination</li> <li>The customer does not want to keep the certificate for any other reason</li> </ul>

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



Certificate status	Meaning of the status
Suspended by NB	<p>The Certificate validity has been suspended by the issuing NB but it can be re-activated again once the issue is solved.</p> <p>Temporarily deactivated GCTS code</p> <p>Further details about the status and the reasons can be required to GSO or the Notified Body</p>

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

The screenshot shows the GCC Standardization Organization website. The header includes the GSO logo, the text 'GCC Standardization Organization', and links for 'Log in' and 'Help / Support'. The breadcrumb trail is 'Home > Notified Bodies > GCTS# 00'. The main heading is 'Product Conformity Tracking'. A yellow alert box contains the message: 'Certificate with tracking no: 00 has been 'Suspended' on 01-JUN-2018 by Notified Body'. The footer of the page reads 'GSO GCC Standardization Organization © 2018'.

Certificate status	Meaning of the status
<b>Withdrawn by NB</b>	<p>The certificate was withdrawn due to non-solved critical Non Conformity.</p> <p>Note: till June 2018 certificates “terminated” status was not yet implemented. Certificates could have been withdrawn for reasons not involving non-conformity of products.</p> <p>Further details about the status and the reasons can be required to GSO or the Notified Body.</p>



Certificate status	Meaning of the status
<b>Not approved</b>	<p>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).</p> <p>Further details about the status and the reasons can be required to GSO or the Notified Body.</p>

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

The screenshot displays the GSO GGPT Forum interface. At the top, there is a navigation bar with the GSO logo and the text 'Gulf Committees'. The main menu includes 'Home', 'Documents', 'Messages' (which is highlighted), 'Members', 'Memberships', and 'More'. On the right side of the navigation bar, there are icons for 'العربية', 'Help', and 'Me'. Below the navigation bar, the breadcrumb trail reads 'Home / Messages / Message Details'. The main content area is titled 'Message Details' and shows a message with the subject 'Transfer of certificate to another manufacturer legal entity'. Below the subject, there are sections for 'Add New Post', 'Message Viewed By', and 'Messages'. The message content includes a profile picture of a man, the subject title, and the following text: 'Dear GSO officers, dear colleagues, as the feedback has been limited so far, let me follow up to kindly ask your input. As pointed out to me by Gabriella as the convenor of WG3, this was also on the agenda for clarification in the scope WG3 in terms of registration matters, see attached excerpt, pending approval by the GSO. The situation we are discussing would be Scenario 2 -> Option 2.' At the bottom of the page, there are links for 'Privacy Policy' and 'Terms of Use', and a copyright notice: '© 2021 GCC Standardization Organization All rights reserved'.



## 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		
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	84 14 51 00	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	84 14 51 10	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
				84 14 51 20	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
	84 14 59 00	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	84 14 59 00	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		
2 Refrigerators, freezers and other refrigerating or freezing equipment	84 18 10 00	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	84 18 10 00	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
	84 18 21 00	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	84 18 21 00	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
	84 18 29 00	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	84 18 29 00	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
	84 18 30 00	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	84 18 30 00	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
	84 18 40 00	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	84 18 40 00	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

# 4. GSO

## CERTIFICATE TRACKING SYSTEM

GSO Customs Guidance

List (2) category	(GCC COMMON EXTERNAL CUSTOMS TARIFF (2012			The Unified Customs Tariff for GCC States 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



List (2) category	(GCC COMMON EXTERNAL CUSTOMS TARIFF (2012			The Unified Customs Tariff for GCC States 2017		
<p><b>4</b> Food grinders and mixers, fruit or vegetable juice extractors.</p>	<p><b>85 09 40 00</b></p>	<p>Electro-mechanical domestic appliances, with self-contained electric motor, other than vacuum cleaners of heading 85.08.</p>	<p>- Food grinders and mixers; fruit or vegetable juice extractors</p>	<p><b>85 09 40 00</b></p>	<p>Electro-mechanical domestic appliances, with self-contained electric motor, other than vacuum cleaners of heading 85.08.</p>	<p>- Food grinders and mixers; fruit or vegetable juice extractors</p>
<p><b>5</b> Toasters</p>	<p><b>85 16 72 00</b></p>	<p>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</p>	<p>- Other electro-thermic appliances: - - Toasters</p>	<p><b>85 16 72 00</b></p>	<p>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</p>	<p>- Other electro-thermic appliances: - - Toasters</p>

List (2) category	(GCC COMMON EXTERNAL CUSTOMS TARIFF (2012			The Unified Customs Tariff for GCC States 2017		
<p><b>6</b> Electro- thermic hair-dressing apparatus and hand dryers</p>	<p><b>85 16 31 00</b></p>	<p>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</p>	<p>- Electro-thermic hair-dressing or hand-drying apparatus: -- Hair dryers</p>	<p><b>85 16 31 00</b></p>	<p>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</p>	<p>- Electro-thermic hair-dressing or hand-drying apparatus: -- Hair dryers</p>
	<p><b>85 16 32 00</b></p>	<p>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</p>	<p>- Electro-thermic hair-dressing or hand-drying apparatus: -- Other hairdressing apparatus</p>	<p><b>85 16 32 00</b></p>	<p>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</p>	<p>- Electro-thermic hair-dressing or hand-drying apparatus: -- Other hairdressing apparatus</p>

List (2) category	(GCC COMMON EXTERNAL CUSTOMS TARIFF (2012	The Unified Customs Tariff for GCC States 2017
Electro-thermic hair-dressing apparatus and hand dryers	<p>85 16 33 00</p> <p>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</p> <p>- Electro-thermic hair-dressing or hand-drying apparatus: - - Handdrying apparatus</p>	<p>85 16 33 00</p> <p>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</p> <p>- Electro-thermic hair-dressing or hand-drying apparatus: - - Handdrying apparatus</p>
7 Domestic electric heating apparatus	<p>85 16 29 10</p> <p>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</p> <p>- Electric space heating apparatus and electric soil heating apparatus: - - Other: - - - Domestic electric heating apparatus</p>	<p>85 16 29 10</p> <p>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</p> <p>- Electric space heating apparatus and electric soil heating apparatus: - - Other: - - - Domestic electric heating apparatus</p>

List (2) category	(GCC COMMON EXTERNAL CUSTOMS TARIFF (2012			The Unified Customs Tariff for GCC States 2017		
8 Microwave ovens	85 16 50 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	- Microwave ovens	85 16 50 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	- Microwave ovens
9 Other ovens; cookers, cooking plates, boiling rings, grillers and roasters	85 16 60 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 ovens; cookers-cooking plates-boiling rings-grillers and roasters	85 16 60 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 ovens; cookers-cooking plates-boiling rings-grillers and roasters

List (2) category	(GCC COMMON EXTERNAL CUSTOMS TARIFF (2012		The Unified Customs Tariff for GCC States 2017			
<p><b>10</b> Electric instantaneous or storage water heaters and immersion heaters</p>	<p><b>85 16 10 00</b></p>	<p>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</p>	<p>- Electric instantaneous or storage water heaters and immersion heaters</p>	<p><b>85 16 10 10</b></p>	<p>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</p>	<p>- 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.</p>
<p><b>11</b> Electric smoothing irons</p>	<p><b>85 16 40 00</b></p>	<p>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</p>	<p>- Electric smoothing irons</p>	<p><b>85 16 40 00</b></p>	<p>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</p>	<p>- Electric smoothing irons</p>

List (2) category	(GCC COMMON EXTERNAL CUSTOMS TARIFF (2012			The Unified Customs Tariff for GCC States 2017		
<p><b>12</b> Plugs, Socket outlets, Adaptors, Cord Extension Sets and chargers</p>	<p><b>85 44 42 20</b></p>	<p>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</p>	<p>- Other electric conductors, for a voltage not exceeding 1000 V: - - Fitted with connectors: - - - Electric cable of a cross-section not exceeding 10 mm</p>	<p><b>85 44 42 21</b></p>	<p>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</p>	<p>- 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</p>
				<p><b>85 44 42 29</b></p>	<p>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</p>	<p>- Other electric conductors, for a voltage not exceeding 1000 V: - - Fitted with connectors: - - - Electric cable of a cross-section not exceeding 10 mm - - - - Other</p>

List (2) category	(GCC COMMON EXTERNAL CUSTOMS TARIFF (2012			The Unified Customs Tariff for GCC States 2017		
Plugs, Socket outlets, Adaptors, Cord Extension Sets and chargers	85 36 69 10	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	85 36 69 10	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
	(HS code not specified)	--	Adaptors	85 36 90 91	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: - - - - Adaptors, wether or not incorporating a slot for USB or the like.
	(HS code not specified)	--	battery chargers within the scope of IEC 60335-2-29	85 04 40 13	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

List (2) category	(GCC COMMON EXTERNAL CUSTOMS TARIFF (2012			The Unified Customs Tariff for GCC States 2017		
13 Air conditioners	84 15 10 00	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	84 15 10 10	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.
				84 15 10 20	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





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