



**Saudi Standards, Metrology and Quality Organization  
(SASO)**

**Technical Regulation for Gas Appliances and their  
Accessories**

**This regulation was approved in the meeting of SASO board of directors No. (156) held on  
16/09/1437 H. (21/06/2016 A.D.)**

**Published in the Official Gazette on  
13/01/1438 AH. (14/10/2016)**

**Version (1) – Amendment (2)**

**Published in the Official Gazette on 25/03/1441 AH (22/11/2019 AD)**

**Note:**

**Only the Arabic version of this Regulation is authentic in law and  
is applicable where there are differences with this translation**

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## Preamble

In line with the accession of the Kingdom of Saudi Arabia (KSA) to the World Trade Organization (WTO), as per the Decree No. 244 of the Council of Ministers, dated 21/09/1426 A.H., concerning the approval of documentation on the Kingdom's accession to the WTO, and the requirements by which the KSA shall adapt its relevant systems with the principles of WTO agreements, particularly, the Technical Barriers to Trade (TBT), which stipulates that no unnecessary technical requirements shall impede the flow of goods among the member states, and that technical requirements and methods of conformity assessment shall not discriminate between products on the basis of origin, through the issuance of Technical Regulations that include the essential requirements and standardized business procedures.

In accordance with Article 3 (Clause-1), Statue of Saudi Standards, Metrology and Quality Organization, issued in accordance with the Council of Ministers Decree No. 216, dated 17/06/1431 A.H. (31/05/2010 A.D.), stipulating that: **“SASO should undertake the issuance of Saudi standards, quality systems and guidelines and conformity assessment, compatible with international standards and guidelines, that meet the requirements of the World Trade Organization (WTO) Agreement, in addition to their compliance with Islamic Sharia and serving the interests of Saudi Arabia”**;

In accordance with Article 4 (Clause-2), Statue of Saudi Standards, Metrology and Quality Organization, issued in accordance with the Council of Ministers Decree No. 216, dated 17/06/1431 A.H. (31/05/2010 A.D.), stipulating that: **“SASO should undertake the issuance of regulations for conformity assessment procedures of goods, products, and services according to approved standards”**;

In accordance with Article 4 (Clause-14), Statue of Saudi Standards, Metrology and Quality Organization, issued in accordance with the Council of Ministers Decree No. 216, dated 17/06/1431 A.H. (31/05/2010 A.D.), stipulating that: **“SASO should undertake reviewing the laws and control regulations related to SASO's work fields, and develop them, and propose amendments thereto in line with quality and safety requirements, and refer them to competent bodies in order to review and issue them, in accordance with applicable procedures”**;

In accordance with Article 6 (Clause-1), Statue of Saudi Standards, Metrology and Quality Organization, issued in accordance with the Council of Ministers Decree No. 216, dated 17/06/1431 A.H. (31/05/2010 A.D.), stipulating that: **“Taking into consideration what has been mentioned in Article 4 of this Statute, SASO is considered the reference of matters related to standards, conformity assessment procedures, granting the quality mark, metrology and calibration. All public and private sectors shall be adhered to the Saudi standards in all purchases”**.

Whereas the standards of the products included in a regulation shall be a basis for the conformity of such products with the essential safety requirements included in the specified regulation.

Therefore, SASO has developed this Technical Regulation.

**Note:** This preamble and all the annexes of this regulation shall form an integral part thereof.

### **Article (1): Terms and Definitions**

**1/1** Nomenclatures and expressions hereunder – during the application of this Technical Regulation - shall have the meanings indicated in front thereof, unless the context requires otherwise:

**The Kingdom (KSA):** The Kingdom of Saudi Arabia.

**The Board:** SASO's Board of Directors.

**SASO:** Saudi Standards, Metrology and Quality Organization

**Technical Regulation:** A document approved by The Board that provides the characteristics of the products, the associated processes and their production methods, including the applicable administrative provisions; with which compliance is mandatory. The technical regulation can also include or pay attention to terms, definitions, packaging, and requirements of labelling or labelling on products, services, processes or production methods.

**Standard:** A document specifying the characteristics of the good, material, service, or anything that is subject to measurement. The standard also offers descriptions, characteristics, level of quality, dimensions, measurements, safety and security requirements. A standard may also include terminology, symbols, test methods and sampling techniques, packaging, labeling and marking requirements.

**Product:** Gas appliances and their accessories

**Essential Requirements:** The special requirements of the products; that may affect the safety, health, and the environment; that must be adhered to.

**Market Surveillance:** Activities and measures carried out by the market surveillance authorities to verify that products meet the requirements stipulated in the relevant technical regulations, and to ensure that they do not pose a risk to health, safety, the environment, or any other aspect related to the protection of the public interest.



**Market Surveillance Authorities:** Governmental Authority/Authorities responsible for carrying out market surveillance operations.

**Regulatory Authorities:** Authorities/governmental bodies with regulatory tasks according to their specializations, that are responsible for the implementation and enforcement of technical regulations, whether in customs, markets, or manufactories.

**Hazard(s):** A potential source of harm.

**Risk (s):** A potential risk causing damage; associated with the severity of damage.

**Supplier:**

- A product manufacturer, in case that he is in the Kingdom, or the person identified as the manufacturer of the product, through linking the product to their name, or to a relevant commercial description, or any person who provides a product replacement.
- An agent, when the manufacturer is outside the Kingdom or an importer in the absence of an agent of the manufacturer.
- Any person in the supply chain, whose activities may affect the product characteristics.

**Conformity Assessment Procedures:** A document approved by the Board of Directors, which describes the procedures used directly, or indirectly for the conformity assessment.

**Approved Bodies: Conformity Assessment Bodies “Third Party”,** approved by SASO in accordance with the regulation of approving Conformity Assessment Bodies.

**Certificate of Conformity:** A certificate issued by SASO or an approved body, which ensures the conformity of a product, or any batch thereof, with the requirements of the relevant standards and Technical Regulation.

**Supplier Declaration of Conformity:** A declaration by the supplier by which it declares that a product is in conformity with the applicable legislations, without the mandatory intervention of a third party neither in the design stage, nor in the production stage of the manufacturing process. A declaration may depend on testing the product in accordance with the relevant legislation.

**Saudi Quality Mark:** A mark granted by SASO, which declares that the supplier has established an effective management system, which ensures that the products they supply are produced in accordance with the applicable regulations, granting procedures, and the relevant Saudi standards.

 **Placing on Market:** Launching a product for the first time a product in the Saudi market for which the manufacturer/supplier is responsible.

**Making Available on the Market:** Any supply of the product for distribution, consumption or use in the Kingdom, in the course of a commercial activity, whether in return for payment or free of charge.

**Withdrawal:** Any procedure that aims at preventing or restricting the use of a product in the market or in a supply chain.

**Recall:** Any procedure that aims to recall products made available for the end-user.

**Appliances:** Appliances of burning liquefied petroleum gas fuel (LPG) used for cooking, heating, water heating, cooling and lighting. In the case of appliances that are used to heat the normal water, temperature of water heating shall not exceed 105 C°.

**Accessories:** Safety equipment and devices, observation, or organization (control) which is marketed separately, and designed to be integrated with the devices or assembled to form these appliances or part thereof, and small cylinders directly attached to the portable appliances of LPG combustion (cooking gas cylinder stove and similar products) shall be considered as accessories

**1/2** The terms and expressions specified herein shall have the meanings specified in the applicable laws, regulations, and decrees of SASO.

### **Article (2): Scope**

This regulation shall apply to appliances and accessories contained in Article (1), however appliances prepared for use industrial facilities are excluded from the scope of this regulation.

### **Article (3): Objectives**

This regulation aims at setting the basic requirements of appliances and accessories contained within the scope hereof, as well as setting conformity assessment procedures which shall be adhered to by Suppliers to ensure conformity of products and maintaining the environment, health and safety of consumers, and facilitate procedures of control on markets., and to identify the conformity assessment procedures with which the suppliers shall comply with to ensure the conformity of the product, and preservation of the environment and the health and safety of the consumer.

### **Article (4): Obligations of Supplier**

The supplier shall adhere to the following requirements:

#### **4/1 Basic Technical Requirements**

##### **A) Manufacturing Materials**

The materials of appliances and accessories shall be appropriate to the purpose of use and shall endure mechanic, chemical, and thermal circumstances of work. Materials shall be covered in the guarantee by the Supplier.

**B) Design and Manufacture**

- 1) The appliances and accessories shall be designed and manufactured where, upon regular use, it shall be stable and not subject to deformity and be durable so it maintains its integrity.
- 2) The condensation process occurs at the beginning and/ or during operation of the appliance shall not affect the safety.
- 3) Appliances and accessories shall be designed and manufactured in a way reduces the hazard of explosion to the minimum in case of occurrence of fire from external source.
- 4) Appliances and accessories shall be designed and manufactured in a way prevents harmful access of water and air into the gas system.
- 5) Appliances shall operate safely in case of normal frequency in power (gas) supply.
- 6) Extraordinary changes, stoppage of gas supply, or restoration thereof in unsafe condition may not affect safety.
- 7) Appliances and accessories shall be designed and manufactured in a way prevents electric risks, as well as adherence to safety requirements of electric risks stipulated in the relevant Saudi technical regulations on LV electric appliances.
- 8) All parts and components of the appliances and their accessories shall endure the mechanical and thermal stress they are subjected to without any deformation may affect the safety.
- 9) Appliances and accessories shall be designed and manufactured where no failure in the safety, control, or control equipment (gas regulators) attached may lead to unsafe conditions affects the safety.



- 10) If the appliance is equipped with safety equipment and control equipment, the operation of the safety equipment shall not affect the operation of control equipment.
- 11) All parts and accessories attached or amended through the manufacturing phase which may not be amended by the user or the installer (tampering it) shall be adequately protected.
- 12) Arms and other control equipment (locks and control equipment) shall be clearly labelled (marked) with mentioning all necessary guidelines to avoid misuse and it shall be designed in away prevents unintentional tampering of the same.

**C) Emissions of Uncombusted Gas**

- 1) Appliances and accessories shall be designed and manufactured in a way the gas leakage rate does not resemble a hazard.
- 2) Appliances and accessories shall be designed and manufactured where the gas leakage happens during ignition, re-ignition, and after put out shall be limited to avoid accumulation of uncombusted gas in the appliance exposing to a hazard.
- 3) Appliances and accessories needed to be used inside the rooms and closed places shall be equipped with an equipment prevent accumulation of uncombusted gas at these places. As for appliances not equipped with such equipment, it shall be used only in places of good ventilation to avoid accumulation of uncombusted gas.
- 4) Appliances and accessories used in big kitchens (restaurants, hotels, hospitals, ... etc.), operated by gas including toxic additions, shall be equipped with an equipment prevents accumulation of uncombusted gas at the kitchen.

**D) Ignition**

Appliances and accessories shall be designed and manufactured where the ignition process at the regular use shall be as follows:

- 1) Ignition and re-ignition process shall be easy.

- 2) Automatic interactive ignition process.

**E) Combustion/ Burning**

- 1) Appliances and accessories shall be manufactured in a way ensures, upon the regular use, stability of the flame and it may not include burning of unacceptable concentration of material harmful to health.
- 2) Appliances and accessories shall be manufactured in a way ensures, upon the regular use, absence of occasional emissions resulting from combustion products (not considered in design).
- 3) Domestic heating appliances and instant water heaters-for domestic use-not connected with combustion products exhaust chimney- shall not result concentration in quantity of carbon monoxide in rooms or relevant closed places that may affect health upon exposure and taking into consideration the anticipated period for exposure.

**F) Reasonable use of gas (power)**

Appliances shall be designed in a way ensures reasonable use of power conforming to the most advanced technologies, while taking into consideration all safety aspects.

**G) Temperatures**

- 1) Temperature of appliances and accessories parts -to be put near ground or any other surfaces- shall not reach a level considered a hazard to the surrounding environment.
- 2) Temperature of the handles, arms, and buttons in the appliances required to be operated and controlled shall not expose hazard to the user.
- 3) Temperature of the external surfaces of appliances and accessories designed for domestic use -except surfaces or parts made to transfer heat- shall not expose hazard to the user in the operation condition especially children, and time needed to take appropriate reaction by the concerned parties shall be took into consideration.

**H) Safety of foods and water used in health purposes**

Without prejudice to other legislations in this field, material and components used in manufacturing appliances and accessories -that contact food or water used for health purposes- shall not affect the integrity of food or water.

- I) Appliances and accessories shall meet technical requirements stated in Saudi Standards determined in Annex (1) in this Technical Regulation.**
- J) Appliances and accessories -through design and manufacture phase- shall meet general safety requirements where it shall be operated without presenting a hazard to the consumer, pets, and properties.**
- K) Perform conformity assessment required with certification bodies.**
- L) Quality management system shall be present in the factory, whereas the factory obtained quality management system certificate in accordance with ISO 9001 met the requirements of this clause.**

#### **4/2 Requirements of Packaging and Guidance**

Appliances and accessories -before placed to the market -shall contain the following guidelines:

- A) Instructions to the installers determines accurately instructions of installation, control, and maintenance which enables the installers (undertaking the installation) performing their tasks correctly, ensures correct use of the appliances provided it shall include the following information:**
  - 1) Type of used gas
  - 2) Gas pressure
  - 3) Level of pure airflow required to provide air for combustion, to avoid making hazardous not combusted gas mixture.
  - 4) Good conditions to exhaust combustion products.
- B) Operation and maintenance guidelines for users whereas it demonstrates the usage processes and it shall include all information required for safe usage, and alert the user with precautions (restrictions) of use.**

- C) Necessary warnings and notices on packaging that indicates clearly to the used gas type, used gas supply pressure, and any restrictions on its use, the warnings that stipulate to put or install the appliance only in adequately good ventilated places.

#### **Article (5): Labelling**

Labelling of the appliances and accessories, prepared to be placed or offered to the market shall follow:

- 5/1 Labelling on the product packaging shall be in conformity with the technical requirements stipulated in the relevant standard mentioned in annex (1).
- 5/2 Labelling shall include the following information:
- A) Name of product and trade name.
  - B) Name of manufacturer, it's brand or both.
  - C) A special code shall be put on each package, demonstrated on the production patch for the purposes of product tracking.
  - D) Country of origin, and if the product manufactured under license of registered trademark.
- 5/3 The guidelines and alerts shall be written in Arabic, or Arabic and English and to be enclosed with the appliance.
- 5/4 All information used in labelling shall be true and correct.
- 5/5 The images and phrases used in the product packages may not contradict with public order, general morals, Islamic values applicable in KSA.

#### **Article (6): Conformity Assessment Procedures**

- 6/1 The supplier - responsible for placement in the market - shall obtain the Saudi quality mark.
- 6/2 Approved Bodies shall implement the conformity assessment procedures according the specified model, in order to ensure fulfillment of the requirements of the Technical Regulation and relevant Saudi standards set out in Annex (1) of this Regulation.
- 6/3 The appliances shall attach a technical file includes the following:
- A) Declaration of Supplier (Manufacturer/Importer) with conformity as per the form attached in annex (2).
  - B) Risk assessment document
- 6/4 The supplier shall cooperate with the Regulatory Authorities and Market Surveillance Authorities by providing the technical file, Certificates of

Conformity and any other documents proving the conformity of a product with the requirements of this Technical Regulation, when required.

**Article (7): Responsibilities of Regulatory Authorities (Customs Ports - Manufactories)**

Regulatory Authorities, as a part of their competences, shall carry out the following:

- 7/1 Regulatory Authorities shall verify that spare parts, subject to this regulation, fulfill the requirements of the specified conformity assessment procedures, and availability of the associated technical documents attach with the shipment.
- 7/2 Regulatory Authorities have the right to randomly take samples of spare parts products subject to this regulation, and refer such samples to the competent laboratories to ascertain the extent of the conformity of such sample with the requirements set out in this Technical Regulation.
- 7/3 Regulatory Authorities are entitled to charge the suppliers (manufacturers/importers) with the costs of tests and associated fees.
- 7/4 In case of a non-conformity of the product, Regulatory Authorities shall withdraw the concerned products from warehouses, and take the necessary legal actions.

**Article (8): Responsibilities of Market Surveillance Authorities**

Market Surveillance Authorities, as a part of their competences, shall carry out the following:

- 8/1 Enforce the market surveillance procedures to the products in markets and the products stored in warehouses, in order to check the product's safety and the extent of fulfillment of the requirements stipulated in this Technical Regulation and relevant standards.
- 8/2 Sample the product, whether from the market or warehouses of suppliers (manufacturers and importers), in order to conduct the necessary tests and to verify the conformity of such products with the requirements set out in this Technical Regulation.
- 8/3 In case of non-conformity of – displayed or stored – products with the requirements of this Technical Regulation, Market Surveillance Authorities shall take all administrative actions including withdrawal and recall of such products. Procedures and penalties – stipulated in Article (9) – shall be applied after taking the necessary actions.

**Article (9): Violations and Penalties**

- 9/1 It is prohibited to manufacture, import, launch, or even advertise appliances and accessories non-conforming with the requirements of the articles stipulated in this Technical Regulation.
- 9/2 Failure to meet the requirements of this Regulation shall be a sufficient reason for Market Surveillance Authorities and Regulatory Authorities to consider the product as non-conforming, which may pose a risk to the health and safety of consumers and to the environment, including, but not limited to:
- A) Non-fixing or improper fixing of conformity labels, Saudi Quality Mark.
  - B) Failure to issue or incorrect issuance of the Certificate of Conformity or the Supplier Declaration of Conformity.
  - C) Lack or incompleteness of the technical documentation upon request.
  - D) Lack or incompleteness of product data/labels, safety guidelines, or usage instructions.
- 9/3 In case of a violation of the provisions hereof, Market Surveillance Authorities shall take all necessary actions to eliminate such violations, and their effects from the market. To this end, Market Surveillance Authorities may:
- 9/4 Mandate the violating party – that is responsible for placing and offering of the product – to withdraw the product from the warehouses or markets in order to remedy such violations, if possible. The product may be exported or destroyed (according to the nature of the product) within the period specified by the Market Surveillance Authorities.
- 9/5 Withdraw, restrain or destroy the products, or take any other necessary action to recall such products from the markets. In addition, as the case may be, Market surveillance Authorities may announce the withdrawal of the product from the markets, and the violating party shall bear all associated expenses.
- 9/6 In case of non-conformity of the products, SASO shall take the necessary actions concerning products non-conforming with the requirements of this Regulation, including the cancellation of the relevant Certificate of conformity, while taking the necessary measures with the Approved Body, which issued the certificate.
- 9/7 Without prejudice to any other law, a party that violates any of the provisions hereof shall be subject to the penalties stipulated in applicable Anti-Commercial Fraud Law or any other superseding law.

**Article (10): General Provisions**

- 10/1 Supplier shall bear full legal responsibility for the implementation of the requirements of this Technical Regulation, and shall be subject to the penalties



stipulated in the Anti-Commercial Fraud laws and/or any other related laws, in case any violation of the articles thereof is proven.

- 10/2** This Technical Regulation shall not impede the supplier to comply with all other systems/regulations applicable in the Kingdom of Saudi Arabia; pertaining to trading, transporting, or storing the product, in addition to the rules/regulations related to the environment, security, and safety.
- 10/3** Suppliers of appliances and accessories subject to the provisions of this Technical Regulation shall provide the inspectors of the Regulatory and Market Surveillance Authorities with all necessary information and facilities, when required, to carry out their assigned tasks.
- 10/4** Where new originated cases that cannot be treated under the provisions of this Technical Regulation, or where a dispute arises as a result of the application of those provisions, such matter shall be referred to the competent committee in SASO, in order to issue a proper resolution regarding the case or dispute, while taking the public interest into consideration
- 10/5** The supplier may submit a new request after elimination of the reasons of rejection for the conformity assessment procedures request, and after the necessary corrections have been made. The supplier shall be responsible for any additional expenses determined by SASO.
- 10/6** SASO shall examine the complaints received regarding the products having a Certificate of Conformity or a Quality Mark, if any, and verify the validity of such complaints, and take the necessary legal actions in case of any violations.
- 10/7** SASO has the right to annul the Certificate of Conformity or the Quality Mark license, if any, if the supplier violates the provisions herein, and shall take the legal actions to ensure the preservation of the rights of SASO
- 10/8** If any modifications were made to the product during the validity period of the Certificate of Conformity or the Quality Mark license, if any, (except for cosmetic modifications), the certificate, license, or the Supplier Declaration of Conformity for this product shall be annulled, and a new request shall be submitted.
- 10/9** SASO exclusively have the right to construe the articles herein. All beneficiaries of the application of this Technical Regulation shall adhere to the interpretations issued by SASO.

#### **Article (11): Transitional Provisions**

- 11/1** The supplier shall take corrective actions in accordance with the provisions of this Technical Regulation within a period of no more than (six months) from the date of publication in the Official Gazette.



**11/2** Subject to the provisions of item (1) of this Article, products, not complying with the provisions specified in this Technical Regulation may be traded for a maximum of (one year) from the date of publication in the Official Gazette.

**11/3** This Technical Regulation -when approved- shall supersede all the preceding regulations related to the scope of this regulation.

**Article (12): Publication**

 This Technical Regulation shall be published in the Official Gazette.

## Annex (1)

## A) List of the Standards of Gas Appliances and their Accessories

	Standard title	Standard No.
1	Domestic cooking stoves operated by combustion of LPG	SASO 168
2	Domestic Gas Heaters – first part: portable irradiant heaters	SASO 59
3	Domestic Gas water Heaters with tank	SASO 57
4	Pressure regulators and automatic conversion devices with drainage pressure to 4 bar and capacity 150 KG/ hour maximum and appliances relevant to safety of Butane, propane, or their mixture.	SASO EN 16129
5	Safety in using LPG part 3: alarm system of gas leakage and closing the same	SASO 1496
6	Non-refillable LPG metal cylinders with or without valve to be used with portable devices-establishment, inspection, testing, stamping (marking)	SASO EN 417
7	Specifications (properties) of appliances of LPG – portable devices of pressing the LPG vapor	EN 521
8	Gas cylinders- portable refillable welded steel cylinders used with LPG- design and installation	SASO GSO ISO 22991
9	Gas cylinders - Refillable composite gas cylinders and tubes - Design, construction and testing – Part 1: Hoop wrapped fibre reinforced composite gas cylinders and tubes up to 450 l	SASO ISO 11119-1
10	Gas cylinders - Refillable composite gas cylinders and tubes - Design, construction and testing – Part 2: Fully wrapped fibre reinforced composite gas cylinders and tubes up to 450 l with load-sharing metal liners	SASO ISO 11119-2
11	Gas cylinders with complex structure-specifications and methods of testing- part 3: Gas cylinders with complex structure totally closed with fibers (reinforced fibers) with metal or non-metal lining does not participate in enduring loads.	SASO ISO 11119-3
12	Steel tanks statically welded, and its accessories produced in series to store LPG with size does not exceed 13 m <sup>3</sup> - design and manufacture	SASO EN 12542
13	Rubber hoses for domestic appliances operated with LPG	SASO GSO 141
14	Gas cylinders – specifications of LPG cylinders valves – auto-closing	SASO GSO ISO 14245

15	Gas operated cooking stoves for commercial use and bakeries appliances	SASO GSO 203-1
16	Gas heated catering equipment – Specific requirements - Ovens	SASO GSO 203-2-2
17	Gas Heated Catering Equipment – Part 2-7: Specific Requirements – Salamanders and Rotisseries	SASO GSO 203-2-7
18	Gas heated catering equipment – Specific requirements - Chargrills	SASO GSO 203-2-10
19	LPG Equipment and accessories - Inspection and requalification of LPG tanks up to and including 13 m <sup>3</sup>	SASO EN 12817
20	Specification for dedicated liquefied petroleum gas appliances. Multi-purpose boiling burners for outdoor use	EN497

**B) HS code for Products category**

<b>Products category</b>	<b>Items</b>	<b>HS code</b>
Pre-filled packages with liquid fuel or gas	Liquid fuels in containers of a kind used for filling or refilling cigarette or similar lighters of a capacity not exceeding 300 cm <sup>3</sup>	3606
	Liquefied-gas fuels in containers of a kind used for filling or refilling cigarette or similar lighters of a capacity not exceeding 300 cm <sup>3</sup>	
	Ferro-cerium and other pyrophoric alloys in all forms	
Gas supply hoses	Flexible tubes, having a minimum burst pressure of 27.6 MPa	3917
	Flexible pipes, having a minimum burst pressure of 27.6 MPa	
	Flexible hoses, having a minimum burst pressure of 27.6 MPa	
Domestic liquefied or compressed	GAS CYLINDERS FOR DOMESTIC RANGES OF FIBERGLASS	7019
	Other	

gas containers		
Vessels for compressed or liquefied gas, of steel, or iron	For domestic stoves gases	7311
Cooking appliances and dish warmers	operated with Gas	7321
	operated with gas and other fuels	
	operated with Gas	
	operated with gas and other fuels	
	operated with Gas	
	operated with gas and other fuels	
	operated with Gas	
	operated with gas and other fuels	
	- - - Cookers	
	- - - Barbecues	
	- - - Braziers	
	- - - Other	
	- - Other, including appliances for solid fuel	
Heaters that operate on liquefied petroleum gas	heaters operated with gas	
	heaters operated with gas and other fuels	
	- - - Other	
	heaters	
	- - - Other	
LPG equipment parts and accessories	- - Other, including appliances for solid fuel	
	- - - For cookers	
	- - - For barbecues	
	- - - For heaters	
	- - - Other	
Containers for compressed or liquefied gases	- - - Containers for compressed or liquefied gas of a capacity exceeding 300 l	7419
Aluminum containers for filling compressed	- - - Gas cylinders of a capacity 100 l and less	7613
	- - - Other	

or liquefied gas		
Ignition devices for ovens running on liquid fuel	- Furnace burners for liquid fuel	8416
	- Other furnace burners, including combination burners	
	- Mechanical stokers- including their mechanical grates- mechanical ash dischargers and similar appliances	
	- Parts	
Water heaters that run on liquefied petroleum gas	-- Instantaneous gas water heaters	8419
Gas pressure valves	- Pressure-reducing valves	8481
	- Check valves	
	- Safety or relief valves	
	---Valves for gas cylinders	
Gas leak warning systems	- Mechanical seals	8484
Gas pressure regulator	- Manostats	9032
Lighting devices and supplies of non-electrical lighting devices	operates with gas	9405

