

# Saudi Standards, Metrology and Quality Organization (SASO)

## Technical Regulation for Packaging and Packaging Materials

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First Edition



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## Foreword

In line with the Kingdom of Saudi Arabia's accession to the World Trade Organization (WTO) pursuant to Cabinet Decision No. (244) dated 21/9/1426H, approving the documents of the Kingdom's accession to the WTO, and in compliance with the Kingdom's obligation to align its relevant regulations with the principles of the WTO agreements — particularly the **Agreement on Technical Barriers to Trade (TBT)** — which stipulates that no unnecessary technical requirements shall be imposed that may hinder the flow of goods among member countries, and that no discrimination shall occur between products of different origins regarding technical requirements and conformity assessment procedures, this Technical Regulation has been developed to include essential legitimate requirements and to standardize work procedures.

Pursuant to **Article Three, Paragraph (1)** of the Statute of the **Saudi Standards, Metrology and Quality Organization (SASO)**, issued by Cabinet Decision No. (216) dated 17/6/1431H (corresponding to 31/5/2010G), which mandates that SASO shall “issue Saudi standards, quality systems, and conformity procedures consistent with international standards and guides, ensuring compliance with the WTO agreements in this field, and aligned with Islamic Sharia and the interests of the Kingdom.”

Based on **Article Four, Paragraph (2)** of the same Statute, which states that SASO shall “issue conformity assessment procedures for goods, products, and services in accordance with the adopted standards.”

Furthermore, pursuant to **Article Four, Paragraph (14)** of the Statute, which authorizes SASO to “review, develop, and propose amendments to regulatory systems and technical regulations related to its areas of work to meet quality and safety requirements, and to submit them to the competent authorities for consideration and approval through the prescribed legal procedures.”

Additionally, in accordance with **Article Six, Paragraph (1)** of the Statute, which provides that “subject to the provisions of Article Four, SASO shall be the national reference in all matters related to standards, conformity assessment procedures, quality marks, measurement, and calibration. All public and private sectors shall adhere to Saudi standards in all their procurements and operations.”

Given that the standards for products covered by any technical regulation constitute the basis for determining conformity of those products with the essential safety requirements of the respective regulation, SASO has prepared this Technical Regulation.

**Note:** This Foreword and all annexes of this Regulation are considered integral parts thereof.



## Article (1): Terms and Definitions

The terms, expressions, and other phrases used in this Regulation shall have the meanings assigned to them below, or those stated in the statutes, regulations, and decisions in force at the Organization, unless the context indicates otherwise:

**The Kingdom:** The Kingdom of Saudi Arabia.

**The Board:** The Board of Directors of the Organization.

**The Organization:** The Saudi Standards, Metrology and Quality Organization (SASO).

**Regulatory Authorities:** The government authority/authorities with regulatory duties within their respective jurisdictions, responsible for implementing or monitoring the implementation of technical regulations at customs ports, markets, or factories.

**Market Surveillance Authorities:** Government entities responsible for market monitoring and for taking measures to ensure that products comply with the technical regulations issued by the Board of Directors.

**Technical Regulation:** A document approved by the Board of Directors specifying the characteristics of products and their related processes and production methods, including applicable administrative provisions that must be complied with. It may also include or specifically address terminology, definitions, packaging, and requirements for marking or labeling products, services, processes, or production methods.

**Standard:** A document specifying the characteristics of a commodity, material, or service, or anything that can be measured, including its descriptions, properties, quality level, dimensions, measurements, safety requirements, terminology, symbols, test methods, sampling procedures, packaging, data sheets, and markings.

**Essential Requirements:** Product-specific requirements related to safety, health, and the environment that must be complied with.

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

**Risk(s):** The probability of a hazard causing harm, combined with the severity of that harm.

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

**Supplier:** Refers to the following:

- The product manufacturer, if located within the Kingdom, or any person who presents themselves as the manufacturer by placing their name or any related commercial description on the product, as well as any person who modifies or refurbishes the product.
- The manufacturer's agent in the Kingdom if the manufacturer is located outside the Kingdom, or the importer if the manufacturer has no agent in the Kingdom.



- Any person within the supply chain whose activities may affect the characteristics of the product.

**Conformity Assessment Procedures:** A document approved by the Board of Directors that specifies the procedure used, directly or indirectly, to assess conformity.

**Approved Bodies:** Conformity assessment bodies accepted by the Organization in accordance with the Regulation for the Acceptance of Conformity Assessment Bodies.

**Certificate of Conformity (CoC):** A certificate issued by the Organization or an approved body confirming that the product, or a specific batch thereof, complies with the relevant Saudi standards.

**Supplier's Declaration of Conformity (SDoC):** A declaration by the supplier affirming that their product complies with the applicable regulatory requirements, without mandatory involvement of a third party at any stage of the manufacturing process. This declaration may be based on product testing in accordance with the relevant regulations.

**Saudi Quality Mark:** A mark approved by the Organization indicating that the establishment operates an effective management system ensuring that the product conforms to the relevant Technical Regulation, granting procedures, and Saudi standards.

**Placing on the Market:** The act of making a product available for the first time in the Saudi market, carried out by the manufacturer or the importer.

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

**Withdrawal:** Any action aimed at preventing products from being made available on the market or within the supply chain.

**Recall:** Any action aimed at retrieving products that have already been made available to the end user.

**Product:** Packaging and packaging materials.

**Packaging:** All products made of any materials or types intended for containing, protecting, handling, delivering, or presenting goods — from raw materials to processed goods — from the manufacturer to the user or consumer. Items designed for the same purposes and deemed "non-returnable" shall also be considered packaging. Packaging materials consist of the following:

a) **Primary Packaging:** Packaging designed to constitute a sales unit for the end user or consumer at the point of purchase.

b) **Secondary Packaging:** Packaging designed at the point of purchase to group a certain number of sales units together, whether sold as such to the end user or consumer, or used



only for product display on shelves at the point of sale, and which can be removed from the product without affecting its characteristics.

c) **Tertiary (Outer) Packaging:** Packaging designed to facilitate the handling and transportation of multiple sales units or secondary packages to prevent manual handling and transport damage. Transport containers for air, road, sea, or rail are not included.

**Reusable Packaging:** Packaging designed and placed on the market for multiple uses or rotations during its life cycle by being refilled or reused for the same purpose for which it was originally designed.

**Composite Packaging:** Packaging made of two or more layers of different materials that cannot be separated manually and form an integrated unit consisting of an inner container and an outer enclosure used for filling, storage, transportation, and emptying.

**Reuse:** The use of packaging products as much as possible before they become waste.

**Recycling:** The process of re-manufacturing and reusing previously used packaging products, including organic recycling.

## Article (2): Scope

This Technical Regulation applies to all types of packaging products made of paper and cardboard, plastics, glass, wood, metals, or textiles used for packing, protecting, handling, and displaying products.

The following are excluded from the scope of this Regulation:

- Packaging products intended for food contact, which are governed by the **Technical Regulation for Food Safety in Kitchenware and Appliances**.
- Packaging products intended for **medical purposes**.

## Article (3): Objectives

This Technical Regulation aims to define the **essential and technical requirements** for packaging products covered under its scope, as well as the **conformity assessment procedures** that suppliers and users must comply with.

The purpose is to ensure that such products meet the essential requirements intended to **protect the environment** and **safeguard consumer health and safety**.

## Article (4): Supplier Obligations

The supplier shall comply with the following requirements:



#### 4.1. Essential Requirements

- 4.1.1. Fulfill the technical requirements specified in the relevant standards listed in Annex (1).
- 4.1.2. Implement the conformity assessment procedure required under this Technical Regulation.
- 4.1.3. Provide information related to potential health, safety, and environmental risks, enabling relevant authorities to take necessary preventive measures.
- 4.1.4. Design the product in a manner that does not contradict the values, public morals, and Islamic principles prevailing in the Kingdom.
- 4.1.5. Design the product in a way that promotes reuse and recycling, and clearly indicate on the product the nature of the material(s) from which it is made.
- 4.1.6. Provide information regarding the toxicity or hazards of the packaging materials and components used in its manufacture.
- 4.1.7. The product or its data label shall bear a marking or code indicating the nature of the material(s) used in its manufacture, in order to facilitate reuse, recycling, or collection, as specified in Annex (2).
- 4.1.8. The size and weight of the packaging shall be reduced during manufacturing to the minimum necessary to preserve the product without compromising safety or health.
- 4.1.9. The product shall be designed and manufactured to minimize (to the greatest extent possible) the presence of harmful or hazardous substances—whether originally present as components of the product or any of its parts—in emissions, ash, or leachate resulting from waste incineration or landfill disposal.
- 4.1.10. The characteristics and properties of the product shall allow its use under normal and reasonably foreseeable conditions, including repeated use.

#### 2/4 – Chemical Requirements

The supplier shall comply with the following chemical requirements:

- No toxic chemical substances shall be used.
- The total concentration levels of **lead, cadmium, mercury, and hexavalent chromium** in the product or any of its components shall not exceed **100 parts per million (ppm) by weight**.
- The concentration limits mentioned in paragraph (2/2/4) shall not apply to products made entirely of **lead crystal glass** or **recycled products**.

#### 3/4 – Metrological Requirements

The **International System of Units (SI units)** or their multiples or submultiples shall be used for packaging products during design, manufacture, or distribution, in accordance with the **Saudi Measurement and Calibration System**.

#### Article (5): Explanatory Data

The explanatory data related to the products shall comply with the following requirements:

- 1/5 – The explanatory data shall meet the requirements of the **Saudi Standards** listed in **Annex (1)** relating to product labeling and information.
- 2/5 – The information shall be written in **Arabic**, with the option to include another language in addition to Arabic. In all cases, the Arabic text shall prevail.
- 3/5 – The images and phrases used shall not contradict **public order, public morals, or the**



**Islamic values** prevailing in the Kingdom.

4/5 – The products shall bear, in a clearly visible location and in a manner that makes the information easily legible, the following details:

- The **name and details of the supplier**.
- The **trademark**.
- The **country of origin**.
- The **type of packaging material**.

## Article (6): Conformity Assessment Procedures

- The supplier responsible for placing products (**not containing other products**) on the market must obtain a **Certificate of Conformity** issued by an **approved body** according to **Type 1a Conformity Assessment** as per **ISO/IEC 17067**, as detailed in **Annex (3)**.
- The supplier responsible for **primary, secondary, or tertiary (outer) packaging** that contains other products subject to their own technical regulations must obtain a **Supplier Declaration of Conformity (SDoC)**, as shown in **Annex (4)**, with the technical file including evidence that the requirements of the Packaging Technical Regulation have been met.
- The approved body shall perform conformity assessment procedures according to the specified model, ensuring compliance with this Technical Regulation and the relevant **Saudi Standards** listed in **Annex (1)**.
- The product must be accompanied by a **technical file** containing the following:

1/6 – **Supplier Declaration of Conformity (manufacturer/supplier)**, according to the model in **Annex (4)**.

2/6 – **Risk Assessment Document**.

3/6 – [Other technical documentation supporting compliance].

4/6 – [Any additional evidence as required by the regulation].

- The supplier shall cooperate with **regulatory authorities** and **market surveillance authorities**, such as providing technical file documents, Certificates of Conformity, and any other documented information proving product compliance whenever requested.
- Products carrying the **Saudi Quality Mark** or its equivalent are considered to comply with the requirements set out in this Technical Regulation.

## Article (7): Responsibilities of Regulatory Authorities

Regulatory authorities, within the scope of their jurisdiction and authority, shall:

1/7 – Verify that packaging products in the market comply with the required conformity assessment procedures and that technical documentation accompanies shipments.

2/7 – Have the right to randomly **withdraw packaging products** from the market to check compliance with the requirements of this Technical Regulation.

3/7 – Have the right to charge suppliers (manufacturers and importers) for the costs of testing and related procedures.

4/7 – In the event of non-compliance, the regulatory authority shall **withdraw the affected products from warehouses** and take the necessary legal actions.



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

Market surveillance authorities, within the scope of their jurisdiction and powers, shall:

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

Market surveillance authorities, within the scope of their jurisdiction and powers, shall:

1/8 – Implement **market surveillance procedures** on products available in the market, as well as products stored in traders' and manufacturers' warehouses, to verify product safety and compliance with the **essential requirements** outlined in this Technical Regulation and the relevant Saudi Standards.

2/8 – Take **samples of products**, whether from the market or from suppliers' (manufacturers' and importers') warehouses, for necessary testing to ensure compliance with the requirements of this Technical Regulation.

3/8 – In cases where a product — whether on display or in storage — is found **non-compliant** with this Technical Regulation, market surveillance authorities shall take all necessary administrative actions, including withdrawal and recall of the product, and apply the **procedures and penalties** outlined in **Article (9)**, after completing the required preliminary measures.

## Article (9): Violations and Penalties

- The **manufacture, import, placement, or display** of products that do not comply with this Technical Regulation is strictly prohibited, as is advertising such products.
- Non-compliance with the requirements of this Technical Regulation constitutes sufficient grounds for market surveillance authorities and regulatory authorities to determine that a product is **non-conforming**, which may pose a risk to **consumer health and safety** and the **environment**, in cases including but not limited to:

(a) Failure to affix or incorrect affixing of conformity marks, the Saudi Quality Mark, or its equivalent.

(b) Failure to issue a Certificate of Conformity or Supplier Declaration of Conformity, or issuing them incorrectly.

(c) Absence or insufficiency of technical documentation.

(d) Absence or insufficiency of explanatory data or usage instructions.

Upon detecting any violation of this Regulation, market surveillance authorities shall, depending on the case, take all necessary measures to **remove the violation and its effects from the market**, including:

(a) Instructing the offending party responsible for placing or displaying the non-compliant product to withdraw it from warehouses or the market for corrective action, or to **export or destroy** it (depending on the product type) within a timeframe set by the market surveillance authorities.



(b) Withdrawing, seizing, or destroying the products, or taking any other measures to recall them from the market. Market surveillance authorities may also **announce product recalls**, with all related costs borne by the offending party.

- When a violation is identified, SASO shall take the necessary measures regarding the non-compliant products, including **revocation of the related Certificate of Conformity** and taking appropriate actions against the approved body that issued the certificate in accordance with the **Regulation for Acceptance of Conformity Assessment Bodies**.
- Without prejudice to any stricter penalties under applicable laws, anyone violating the approved **Saudi standards** for products covered by this Technical Regulation shall be subject to the **penalties stipulated in the Anti-Commercial Fraud Law**.

## Article (10): General Provisions

1/10 – The supplier shall bear full **legal responsibility** for complying with the requirements of this Technical Regulation. Penalties stipulated in the **Anti-Commercial Fraud Law** and/or any other relevant regulations shall apply if any violation of this Regulation is proven.

2/10 – This Technical Regulation does not exempt the supplier from complying with all other laws and regulations in force in the Kingdom related to **product circulation, transport, and storage**, as well as regulations related to **environment, security, and safety**.

3/10 – All suppliers of packaging products subject to this Technical Regulation must provide **regulatory authorities and market surveillance inspectors** with all necessary facilities and information requested to carry out their duties.

4/10 – If any situation arises that cannot be addressed under the provisions of this Regulation, or if a dispute occurs regarding its application, the matter shall be referred to a **specialized committee within the Organization** to issue an appropriate decision in the interest of the public.

5/10 – A supplier may submit a **new application** after the reasons for a previous rejection have been resolved, after making the necessary corrections, and after paying any additional costs determined by the Organization.

6/10 – The Organization shall examine **complaints** related to products bearing a Certificate of Conformity or the Saudi Quality Mark, verify the validity of such complaints, and take the necessary regulatory actions if violations are confirmed.

7/10 – The Organization has the right to **revoke a Certificate of Conformity** if the supplier violates any provisions of this Technical Regulation, or to revoke the license to use the Saudi Quality Mark in accordance with the **General Technical Regulation for the Saudi Quality Mark**, and take regulatory measures to protect the Organization's rights.

8/10 – Any modifications made to a product during the validity period of a Certificate of Conformity or a license to use the Saudi Quality Mark (except for **cosmetic changes**) render the certificate or license invalid for that product, and a **new application** must be submitted.



9/10 – The Organization has the **exclusive right to interpret the provisions** of this Technical Regulation, and all beneficiaries of this Regulation must comply with the interpretations issued by the Organization.

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

1/11 – The provisions of this Regulation shall apply within a period not exceeding **180 days** from the date of its publication in the Official Gazette.

2/11 – Subject to the provisions of paragraph (1) above, suppliers shall be given a **grace period of up to 365 days** from the date of publication in the Official Gazette to **correct their market practices** in accordance with the requirements of this Technical Regulation.

3/11 – Upon its approval, this Technical Regulation **repeals all previous regulations** in the field covered by this Regulation.

#### **Article (12): Publication**

This Technical Regulation shall be **published in the Official Gazette**.



## الملحق (1)

### أ) قائمة المواصفات القياسية ذات العلاقة

رقم المواصفة القياسية	عنوان المواصفة باللغة الإنجليزية	عنوان المواصفة باللغة العربية	م
SASO ISO 18602	Packaging and the environment - Optimization of the packaging system	التعبئة والتغليف والبيئة - الاستفادة المثلى من نظام التعبئة والتغليف	1
SASO ISO 18603	Packaging and the environment - Reuse	التعبئة والتغليف والبيئة - إعادة الاستخدام	2
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SASO ASTM D3951	Standard Practice for Commercial Packaging	الممارسة القياسية للتعبئة والتغليف التجاري	4
SASO ISO 22742	Packaging - Linear bar code and two-dimensional symbols for product packaging	التعبئة والتغليف -- رموز علامة قانون المواصفة الرمزية والرموز ثنائية الأبعاد لتعبئة وتغليف المنتج	5
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SASO ISO 6590-1	Packaging - Sacks - Vocabulary and types - Part 1: Paper sacks	التعبئة والتغليف -- الأكياس -- المفردات والأنواع -- الجزء 1: الأكياس الورقية	12



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SASO ISO 8317	Child-resistant packaging - Requirements and testing procedures for reclosable packages	التعبئة والتغليف المقاوم لعبث الأطفال - المتطلبات - وإجراءات الاختبار لإعادة الاغلاق	14
SASO ISO 16103	Packaging - Transport packaging for dangerous goods - Recycled plastics material	التعبئة والتغليف -- العبوات المعدة لنقل البضائع الخطيرة -- المواد البلاستيكية المعاد تدويرها -- القيود الدولية	15
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SASO GSO ISO 3676	Packaging - Complete, filled transport packages and unit loads - Unit load dimensions	التعبئة والتغليف -- عبوات النقل المملوءة -- شكل كامل ووحدرة الأحمال -- أبعاد وحدة التحميل	20
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SASO ASTM D4635	Standard Specification for Plastic Films Made from Low-Density Polyethylene and Linear Low-Density Polyethylene for General Use and Packaging Applications	المواصفة القياسية للرفائق البلاستيكية المصنوعة من البولي إيثيلين منخفض الكثافة والبولي إيثيلين منخفض الكثافة الخطي للاستخدام العام وتطبيقات التغليف	23
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EN 13428	Packaging - Requirements specific to manufacturing and composition - Prevention by source reduction	التعبئة والتغليف - المتطلبات الخاصة بالتصنيع والتركييب - المنع بخفض المصدر	26
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SASO ASTM D2911M	Standard Specification for Dimensions and Tolerances for Plastic Bottles	المواصفات القياسية للأبعاد و السماحية للعبوات البلاستيكية	33
SASO ISO 6591-2	Packaging - Sacks - Description and method of measurement – Part 2: Empty sacks made from thermoplastic flexible film	التعبئة والتغليف – الأكياس – الوصف وطريقة القياس – الجزء 2: الأكياس الفارغة المصنوعة من رقائق البلاستيك الحراري المرن	34
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SASO GSO 1952	Sacks for the transport of food aid – Sacks made of woven jute / polyolefin fabric	أكياس نقل المساعدات الغذائية - الأكياس المصنوعة من أقمشة جوت/ بولي أوليفين منسوجة	37
SASO GSO 1856	Marking of recycled paper and board	البيانات الإيضاحية للورق والواح الكرتون المعاد تدويرها	38
SASO 2827	Millboard, greyboard and strawboard	الكرتون المقوى والكرتون الرمادي والكرتون التبيني	39
SASO 2829	Ribbed board containers – Requirements	عبوات الكرتون المضلع - المتطلبات	40

ملحوظة: قائمة المواصفات القياسية المذكورة في هذا الملحق خاضعة للمراجعة، ويتولى المو، ردون مسؤولية التأكد من موقع الهيئة بأنهم يستخدمون أحدث المواصفات القياسية.



## List of Products and Customs Codes

Customs Item / HS Code	Product Categories	الرقم
3920	Boards, Sheets, Rolls, and Strips	1
3923	Packaging or Transport Containers/Materials for Goods, made of Plastics	2
4415	Boxes, cases, crates, cylindrical containers, and similar packaging made of wood	3
4416	Large and small wooden barrels and other wooden containers	4
4503	Products made of natural cork	5
4602	Basketry and other related products	6
4805	Paper and other uncoated cardboard	7
4810	Coated paper and cardboard	8
4817	Boxes, cases, folders, and similar items made of paper or cardboard	9
4819	Boxes, cases, folders, bags, and other wrappings made of paper, cardboard, cellulose wadding, or layers of cellulose fibers	10
4820	Book covers	11
4823	Other products made from paper pulp, paper, or cardboard	12
5901	Woven materials coated with glue or starch, used for outer packaging	13
6305	Bags and pouches used for packaging goods	14
5909	Tubular hoses made of textile materials and similar tubes	15
7010	Large jars (demijohns), bottles, flasks, jars, pots, tubes, and other similar glass containers for transporting or packaging goods	16
7013	Other glassware	17
7020	Other products made of glass	18
7310	Tanks, barrels, drums, boxes, cans, and similar containers made of iron or steel	19

Note: The products and customs codes listed on the Saber Electronic Platform represent the updated and officially approved version.



## Annex (2): Material Numbering List

Numbers	Abbreviation	Materials	
1	PET	Polyethylene (PE)	Plastics
2	HDPE	High-Density Polyethylene (HDPE)	
3	PVC	Polyvinyl Chloride (PVC)	
4	LDPE	Low-Density Polyethylene (LDPE)	
5	PP	Polypropylene (PP)	
6	PS	Polystyrene (PS)	
من 7 إلى 19	-----	Other plastics	
20	PAP	Corrugated cardboard	Paper and Cardboard
21	PAP	Non-corrugated cardboard	
22	PAP	Paper	
من 23 إلى 39	-----	Other paper and cardboard materials	
40	FE	Iron	Metals
41	ALU	Aluminum	
من 42 إلى 49	-----	Other metals	
50	FOR	Wood	Wood
51	FOR	Cork	
من 52 إلى 59	-----	Other wood-based materials	
60	TEX	Cotton	Textiles / Fabrics
61	TEX	Jute	
من 62 إلى 69	-----		
70	GL	Clear (colorless) glass	Glass
71	GL	Green glass	
72	GL	Brown glass	
من 73 إلى 79	-----		
80		Paper and Cardboard / Various Metals	Composite Materials with Paper and Cardboard
81		Paper and Cardboard / Plastics	
82		Paper and Cardboard / Aluminum	
83		Paper and Cardboard / Tinplate	
84		Paper and Cardboard / Plastic / Aluminum	



85 من 86 إلى 89		Paper and Cardboard / Plastic / Aluminum / Tinplate Other composite materials Paper and Cardboard / Plastic / Aluminum / Tinplate Other composite materials	
90  91 92 من 93 إلى 94		Plastic / Aluminum  Plastic / Tinplate Plastic / Various Metals Other composite materials	Composite Materials with Plastics
95  96 97 98		Glass / Plastic  Glass / Aluminum Glass / Tinplate Glass / Various Metals	Composite Materials with Glass



## Annex (3)

### Conformity Assessment Form 1a (Type Approval) according to ISO/IEC 17067 1/1 Type Approval (اعتماد الطراز)

**Definition:** Type Approval is one of the conformity assessment procedures whereby an **accepted conformity assessment body** reviews the **technical design of a product**, verifies its correctness, and confirms that the product design **meets the relevant Saudi technical regulations**.

**Methods of Type Approval:** Type Approval can be conducted using one of the following methods:

1. **Sample Testing (Production Model):** Examination of a representative sample of the product, reflecting the expected production.
2. **Design and Sample Review (Combined Model):** Assessment of the conformity of the product's technical design through review of technical documentation and evidence (Design Model), together with testing of a representative production sample for one or more hazardous parts of the product.

### Type Approval Procedures

#### Submitting a Type Approval Application to an Accepted Body

1. The manufacturer must submit a **Type Approval application** to an **accepted conformity assessment body** of their choice, which should include the following:
  - a. **Name and address of the manufacturer.**
  - b. **Written declaration** that the same application has not been submitted to any other accepted body.
  - c. **Technical documentation** enabling assessment of the product's conformity with the relevant Saudi technical regulations, including a **risk analysis and evaluation**.
  - d. The technical documentation must specify which requirements apply to the product and, as applicable, cover **design, manufacturing, and operation (use) of the product**.
  - e. The technical documentation must include at least the following elements:
    1. **General description** of the product.
    2. **Design and manufacturing drawings** and schematics, including elements, units, and subdivisions.
    3. **Descriptions and explanations** necessary to understand the drawings and diagrams, as well as the operation/use of the product.
    4. **List of applicable Saudi Standards** or other relevant technical standards adopted by SASO, whether fully or partially applied, and a description of the solutions used to meet the **essential requirements** of Saudi technical regulations. If only partial compliance with Saudi Standards is applied, the relevant clauses must be specified in the technical documentation.
    5. **Results of calculations, monitoring, and tests** conducted on the design, including any graphical or tabulated reports.



## (6) Technical Documentation Must Include:

### 7. Representative Samples of the Intended Production:

- Samples reflecting the planned production must be submitted.
- The **accepted conformity assessment body** may request additional samples if needed.

### 8. Evidence Supporting the Technical Solutions in the Design:

- Documentation must indicate all applied standards and references, especially if **Saudi Standards and/or other relevant technical standards are not fully applied**.
- Supporting evidence may include **laboratory test results** conducted either at the manufacturer's lab or at another lab under the manufacturer's responsibility.

## Responsibilities of the Accepted Conformity Assessment Body

### a) Review of Technical Documentation and Evidence:

- Evaluate the adequacy of the product's **technical design**.

### b) Review of Samples:

1. Ensure that the **manufacture of samples matches the technical documentation**, distinguishing elements designed according to Saudi Standards from those designed according to other standards.
2. Conduct or delegate appropriate **tests and examinations** to verify that the **technical solutions adopted by the manufacturer** meet the **essential requirements** specified in the standards, especially when the relevant standards are not fully applied.
3. Perform suitable tests or delegate them to ensure that the manufacturer's technical solutions meet the **essential requirements of Saudi Technical Regulations**, if relevant Saudi Standards and/or other applicable standards are not fully applied.
4. Agree with the manufacturer on the **location where tests will be conducted**.

### c) Decisions of the Accepted Body:

1. The accepted body must issue a **conformity assessment report** detailing the procedures performed and their outcomes. This report **cannot be published, in whole or in part, without the manufacturer's consent**.
2. If the product type **conforms to the applicable Saudi Technical Regulations**, the accepted body shall issue a **Type Approval Certificate** to the manufacturer. The certificate must include:
  - Manufacturer's name and address
  - Test results
  - Validity conditions, if any



- product type
- Attachments, if applicable
3. The certificate and its attachments must include **all information necessary to assess conformity** of manufactured products according to the approved type, as well as during operational monitoring.
  4. If the product type **does not conform to the applicable Saudi Technical Regulations**, the accepted body **shall not issue a Type Approval Certificate** and must notify the applicant of its decision, providing **detailed justification for the denial**.
  5. The accepted body must keep up with all known technological developments. Whenever these developments indicate the potential for the approved model to no longer comply with Saudi technical regulations, the accepted body shall determine the necessity of conducting additional tests and, in such cases, inform the manufacturer accordingly.
  6. The manufacturer must notify the accepted body—which maintains the technical documentation related to the Model Approval Certificate—of any changes made to the approved model that may affect the product's compliance with Saudi technical regulations or the conditions for the validity of the Model Approval Certificate. Such changes require additional approval of the original Model Approval Certificate.
  7. Each accepted body must inform the Authority of issued or withdrawn Model Approval Certificates and any amendments. The body must periodically—or upon request—provide a list of Model Approval Certificates, including any amendments that were rejected, suspended, or restricted in any manner.
  8. Each accepted body must notify other accepted bodies of any Model Approval Certificates and any amendments that were rejected, suspended, or restricted in any manner, and must also provide—upon request—information on issued Model Approval Certificates and any amendments.
  9. The Authority and other accepted bodies may, upon request, obtain copies of Model Approval Certificates and/or any amendments. The Authority may also, upon request, obtain copies of technical documentation and test results conducted by the accepted body. The accepted body must retain a copy of the Model Approval Certificate, its attachments, any amendments, and technical documentation, including documents provided by the manufacturer, until the certificate's expiration date.
  10. The manufacturer must retain a copy of the Model Approval Certificate, its attachments, any amendments, and technical documentation, and make them available to regulatory authorities and market surveillance bodies for ten years after the product is placed on the market.
  11. The supplier may submit the application referred to in clause (1/1/2) above and perform the aforementioned duties on behalf of the manufacturer, provided that such action has the manufacturer's approval.



## Appendix (4) Supplier Declaration of Conformity Form

This form shall be completed on the company's official letterhead.

### (1) Supplier Information:

- Name:
- Address:
- Contact Person:
- Email:
- Phone Number:
- Fax:

### (2) Product Details:

- Brand Name:
- Model:
- Batch or Serial Number:
- Reference Standards / Technical Specifications:
- Accepted Body / Acceptance Registration Number:

We hereby declare that the product mentioned in this declaration conforms to the Saudi Technical Regulations (\_\_\_\_\_) and the relevant Saudi Standards attached thereto.

Responsible Person:

Company Name:

Signature:

Date: //

