

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

**Technical Regulation for Paints (Dyes) and Varnish**

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**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 commodities 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 shall issue 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), Statute 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 shall issue regulations for conformity assessment procedures of commodities, products, and services according to approved standards”**;

In accordance with Article 4 (Clause-14), Statute 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 shall review 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: **“ Subject to Article 4 of this Statute, SASO shall be the authority in charge 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 When applying the articles of this regulation, terms and expressions hereunder shall have the meanings indicated in front thereof, unless the context otherwise requires:

**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 specifications of products, associated processes and production methods, including applicable administrative provisions; with which compliance is mandatory. It may include or pay attention to terms, definitions, packaging, and requirements of markings or labelling products, services, processes or production methods.

**Standard:** A document approved by the Board that provides, for regular and recurring use, non-mandatory rules, instructions, and specifications of products or processes and production methods. It may include or pay attention to terms, definitions, packaging, and requirements of markings or labelling products, services, processes or production methods.

**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, environment, or any other aspect related to the protection of the public interest.



**Market Surveillance Authorities:** government body/ bodies responsible for carrying out market surveillance operations.

**Regulatory Authorities:** government body/ 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 resident in the KSA, 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 resident 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.

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

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

**Supplier Declaration of Conformity:** A declaration by the supplier by which it declares that a product conforms with the requirements herein and 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.

**Products:** The paints or varnishes used in residential or commercial buildings and public facilities stated herein.



**Label (Card):** The Environmental Performance Efficiency Label for paints owned by SASO, including details specified by SASO in terms of the level of environmental performance of each product. The Label is fixed or applied to all products prepared for importation, manufacturing, or usage inside the Kingdom if fulfilled the requirements hereof.

**Saudi Quality Mark:** A mark granted by SASO, which declares that the establishment has 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 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 KSA, in the course of a commercial activity, in return for payment or free of charge.

**Withdrawal:** Any procedure that aims to prevent placing a product from being placed in the market and in a supply chain.

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

**Paints (Dyes):** A mix of insoluble materials suspended in a liquid medium consisting of a group of organic or inorganic substances. When exposed to air and through polymerization, oxidation or dehydration reactions, such mix creates a layer with a strong adhesion properties to the coated surface.

**Varnishes:** Transparent chemicals with no color consisting of a mixture of oils, solvents and polymers that gives protection and gloss to the varnished surfaces.

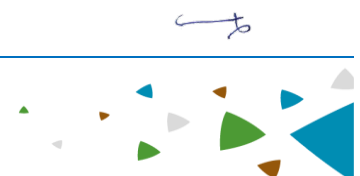
**Emulsion Paint:** A coating consists of resin and colloid mixed with a hydrophilic polymer or a group of ions or emulsions. Binders may be organic or inorganic emulsions.

**Surface Paints:** Paints of the external layer designed to use in one layer or multiple primers to give gloss and durability.

**Water-Based Paints:** Paints include aqueous solutions that use the colloidal binder.

**Oil Paints:** Paints include petroleum or non-petroleum solvents with resin binders.

**Volatile Organic Compound:** Hydrocarbons with a boiling point of less than 813 ° C under standard atmospheric pressure.



**Volatile Organic Compound Contents:** Mass of organic compounds measured in gram/ liter in the ready to use products. It does not enter into the content of the mass that react chemically during drying to form a layer of paint and varnish.

- 1/2 Other terms and expressions specified in this regulations shall have the meanings specified in the applicable laws, regulations, and decrees of SASO.

## Article (2): Scope

This Regulation shall apply to paints and varnishes used in the residential and commercial buildings and public utilities as shown in Annex (1) hereof, in any phase of the chain of supply inside KSA, in accordance with the relevant definitions and terms stated in Article (1) and relevant standards stated in Annex (2).

## Article (3): Objectives

This Regulation aims to lay out the essential requirements of the abovementioned paints and varnishes, included in the scope of this Technical Regulation, and to identify the conformity assessment procedures with which the suppliers shall comply with, to ensure that these products fulfil the essential requirements that aim to preserve the environment, and the health and safety of the consumer.

## Article (4): Obligations of the Supplier

The supplier shall adhere to the following requirements:

### 4/1 Technical Requirements

- A) Paints and varnishes shall fulfill the requirements of the standards stated in Annex (2) hereof.
- B) The technical requirements of paints and varnishes shall be fulfilled as per the environmental performance classification stated in Annex (1).
- C) The manufacturer of the products shall have an effective environmental management system (the manufacturer with ISO 14001 Certification in Environmental Management shall be deemed as met these requirements).

### 4/2 Packaging Requirements

- A) The packaging materials of paints and varnishes shall not contain lead or any heavy metals.
- B) The packaging materials of paints and varnishes shall bear the recycling code in case of using plastics.





- C) Paints and varnishes shall be packaged in hermetic and anti-leak packs, which shall not affect, or be influenced by, the product, with commitment to the packaging requirements as per the relevant standard of the product.

#### 4/3 Metrological Requirements

- A) The quantity of packs shall be measured by SI Units, their parts or multiples.
- B) Paints and varnishes packs of all kinds shall fulfill the conditions stated in the Standard of (GSO OIML R 87).

### Article (5): Labelling

- 5/1 Labelling of paints and varnishes to be placed and displayed in the market shall fulfill the following:
- A) The explanatory labels to be applied on the product pack shall fulfill the technical requirements stated herein and the relevant standard as stated in Annex (2) hereof.
- B) The explanatory labels of paints and varnishes shall fulfill the requirements of SASO GSO 1810 (Labelling for Chemical Products) as shown in Annex (2) hereof.
- C) All data of the labels shall be valid and verified.
- 5/2 The explanatory labelling of paints and varnishes shall contain the following information and data:
- A) Name and commercial register of the supplier.
- B) Maximum volatile organic compounds and ratios of heavy metals in the ready to use end product.
- C) The environmental performance classification as stated in Annex (1) and quality of the product with regards to flow and coverage.
- D) Type of product as per classifications and definitions stated herein and any other necessary information regarding the product usage and paintable surfaces.
- E) Expiry date of the product or statement of "To Be Used Before", followed by month and year.
- F) Warning information, phrases and labels relating to the product and procedures to be followed in case of inhalation and contact.
- G) Necessary information about proper storage conditions that ensure the quality and safety of the product.
- H) A special code on each pack showing the production batch for tracking purposes.





- 5/3 Images and statements on the product pack shall not be contrary to public order, public morals and Islamic values prevailing in the Kingdom.

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

- 6/1 The supplier, who is responsible for placement of paints covered by this Regulation in market, shall obtain a Certificate of Conformity issued by an accredited body by SASO, in accordance with conformity assessment model (Type 3), as per ISO/IEC 17067 as clarified in Annex (3).
- 6/2 The notified body shall carry out conformity assessment procedures as per the prescribed form in order to fulfill requirements of this Regulation and the relevant Saudi standards set out in Annex (1).
- 6/3 The supplier - responsible for the placement of paints in the market - must obtain a license to use the Environmental Performance Efficiency Card from SASO in accordance with the provisions of Article (7) of this Regulation.
- A) technical file must be attached with the producer, including the following:
- B) Supplier (manufacturer / importer) Declaration of Conformity in accordance with the form attached in Annex (4).
- C) Risk Assessment Document.
- D) Country of Origin.
- 6/4 Supplier shall collaborate with Regulatory Authorities, and Market Surveillance Authorities through the submission of technical file documentation, certifications of conformity, and any other certified information proving that the product is in conformity with this Regulation and the relevant standards, upon request.

## **Article (7): License for Environmental Performance Efficiency Label of Paints and Varnishes**

### **7/1 Requirements for Label Licensing**

SASO grants the license for using the Environmental Performance Efficiency Label of paints and varnishes to the supplier upon fulfillment of the following condition:

- A) The product shall have a certificate of conformity from an approved authority as stated in Article (6).



- B) A separate request shall be submitted to SASO for each model of products to be licensed for the Environmental Performance Efficiency Label.
- C) The required forms shall be completed and SASO shall be provided with any other documents, upon request.
- D) The supplier shall fulfill the conditions of applying the label to the products in the manner specified herein and in the relevant standards.
- E) The supplier shall pay SASO the costs of label licensing.

### **7/2 Granting the Label License**

- A) SASO shall verify that the product has a certificate of conformity and that all documents and information submitted by the supplier are true and correct.
- B) SASO shall specify the costs for label licensing on a preferential basis; i.e. the best product model in terms of the environmental performance efficiency shall be granted the label license free of charge. The license cost increases if the concerned product is less efficient in terms of the environmental performance.
- C) SASO shall grant the supplier the label license after fulfilling the licensing requirements.
- D) The label license is valid for one renewable year, provided that the supplier shall apply for renewal at least one month prior to the expiry date.

### **7/3 Requirements for Fixing the Label**

- A) The label shall be fixed on licensed products only in a visible position in an indelible manner as per the requirements of this Regulation and the relevant standards.
- B) The label shall be made of a material ensuring that the label remains fixed on the product or its pack from the manufacturing phase to its delivery to the consumer, unless removed or damaged deliberately.
- C) The label design shall be identical to the design stated in Annex (5) attached hereto.
- D) The label shall be fixed in a visible position on each product during packaging as shown in Annex (5) attached hereto.
- E) The label shall be fixed on the product or its pack in the manner specified by SASO in terms of the type and degree as per Annex (1) attached hereto.



- F) The fixed label shall be identical to the label approved by SASO and in the specified manner as per this Regulation.
- G) The supplier shall be allowed to announce the license of using the label in its commercial transactions to prove that the products are licensed and monitored by SASO.
- H) The license and label shall be used for the licensed products only. The supplier shall be strictly prohibited from using the label misleadingly or incorrectly or in any other manner deemed misleading by SASO or the Regulatory Authorities.
- I) The packaging materials of products shall carry the label.

#### **7/4 Cost of Label Licensing**

The cost of label licensing shall be specified as per the schedule shown in Annex (5) "Financial Costs" hereof.

### **Article (8): Responsibilities of Regulatory Authorities:**

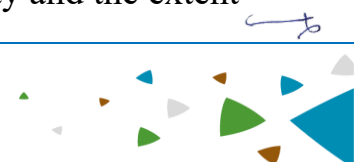
As a part of their competence and powers, the Regulatory Authorities shall:

- 8/1 Verify that the products subject to this regulation fulfill the requirements of the specified conformity assessment procedures, and include associated technical documents with batches, in customs ports and factories.
- 8/2 Verify the procedures for fixing the label on the products subject to this Regulation and the validity of the label data.
- 8/3 Have the right to randomly take samples of products from production point subject to this regulation, and refer such samples to competent laboratories to ascertain if such sample conform to the requirements set out herein.
- 8/4 Have the right to charge suppliers (manufacturers/importers) with the costs of tests and associated fees.
- 8/5 In case of a non-conformity of the product, Regulation Authorities shall withdraw such products from warehouses, and take necessary legal measures.

### **Article (9): Responsibilities of Market Surveillance Authorities**

Market Surveillance Authorities, as a part of their competences, shall:

- 9/1 Enforce the market surveillance procedures to the products in markets and the products stored in warehouses, in order to check products' safety and the extent



of fulfillment of the requirements stipulated in this Technical Regulation and relevant standards.

- 9/2 Withdraw samples of the product, whether from the market or warehouses of suppliers (manufacturers and importers), in order to conduct necessary tests and verify the conformity of such products with the requirements set out herein.
- 9/3 In case of non-conformity of – supplied or stored – products with the requirements of this Technical Regulation, take all administrative measures including withdrawal and recall of such products. Procedures and penalties – stipulated in Article (10) – shall be applied after taking necessary actions.

### **Article (10): Violations and Penalties**

- 10/1 It is prohibited to manufacture, import, place, offer, or advertise products non-conforming with the requirements of the articles stipulated herein.
- 10/2 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, including but not limited to :
- A) Non-fixing or improper fixing of conformity labels, Saudi Quality Mark, or its equivalent.
  - B) Failure to issue or improper issuance of the Certificate of Conformity or the Supplier Declaration of Conformity.
  - C) Lack, unavailability, or incompleteness of technical documents.
  - D) Lack, unavailability, or incompleteness of product data/labels or usage instructions.
- 10/3 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, as the case may be. To this end, Market Surveillance Authorities may:
- A) Mandate the violating body – 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 Market Surveillance Authorities.
  - B) 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 markets, and the violating body shall bear all associated expenses.

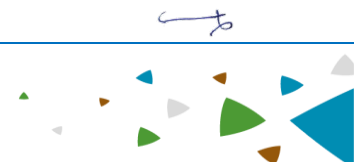
- 10/4 In case of non-conformity of the products, SASO shall take the necessary actions concerning products non-conforming with the requirements herein, including the cancellation of the relevant Certificate of conformity, while taking the necessary measures with the Notified body, which issued the certificate.
- 10/5 Without violating any more severe penalty in the applicable regulations, anyone who violates the requirements of the approved standards for the products covered by this Technical Regulation shall be subject to the penalties provided for in the anti-commercial fraud Law.

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

- 11/1 The Annexes attached hereto, including terms and definitions stated in the standards, shall be deemed an integral part hereof and SASO shall have the right to amend such Annexes from time to time, whenever required.
- 11/2 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.
- 11/3 Suppliers of paints and varnishes, 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.
- 11/4 Where new originated cases that cannot be treated under the provisions of this Technical Regulation, or 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.

### **Article (12): Transitional Provisions**

- 12/1 This regulation shall be applied within a period not exceeding 180 days from the date of its publication in the Official Gazette.
- 12/2 Taking into account the provisions of paragraph (1) of this article, suppliers are given time to correct their situation in the market, in accordance with the



requirements of this Technical Regulation within no more than 365 days from the date of publication in the Official Gazette.

12/3 This Technical Regulation – once adopted – eliminates all previous regulations in the field of this Technical Regulation.

### **Article (13): Publication**

This Technical Regulation shall be published in the Official Gazette.





## Annex No. (1)

### Requirements for Environmental Performance Efficiency Classification for Paints and Varnishes

Product	Environmental Standards	Environmental Performance Efficiency Classification Maximum Limits (G/ L or %)		Standards
		(A)	(B)	
1) Emulsion Paints	Volatile Organic Compounds	30	50	SASO GSO ISO 11890-1
a) Interior matt paints and ceiling dyes				
b) Surface layer paints designed to use in one layer or multiple primers				
c) Other water-based paints		100	150	SASO GSO ISO 11890-2
2) Oil paints and varnishes		380	500	
1) Emulsion Paints	Mercury	The product shall be	Lead shall not exceed 0.009%	SASO GSO ISO 3856-7
	Lead			
	Cadmium			





2) Oil paints and varnishes		Hexavalent Chromium			SASO GSO ISO 3856-1
		Arsenic			SASO GSO ISO 3856-4
		Antimony			SASO GSO ISO 3856-5
		Triphenyltin			SASO GSO ISO 2590
		Tributyltin			SASO GSO ISO 3856-3
1) Emulsion Paints	a) Interior matt paints and ceiling dyes	Aromatic Hydrocarbons	The product shall be free of aromatic hydrocarbons	0.1%	ASTM D 3257
	b) Surface layer paints designed to use in one layer or multiple primers			1.0%	
	c) Other water-based paints			5.0%	



2) Oil paints and varnishes				
1) Emulsion Paints 2) Oil paints and varnishes	Halogenated Hydrocarbons	The product shall be free of halogenated hydrocarbons	220 ppm	ASTM D 4457
1) Emulsion Paints 2) Oil paints and varnishes	Formaldehyde	The product shall be free of formaldehyde	The product shall be free of formaldehyde	Test reports as per ASTM D6191

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## Annex No. (2)

### A) List of Paints (Dyes) and Varnishes and the Relevant Standards

No.	Title in English	Standard No.
1	Paints (Dyes) and Varnishes : Determination of volatile organic compound (VOC) content – Part 1: Difference method	SASO GSO ISO 11890-1
2	Paints (Dyes) and Varnishes: Determination of volatile organic compound (VOC) content – Part 2: Gas-chromatographic method	SASO GSO ISO 11890-2
3	Paints (Dyes) and Varnishes: Determination of "soluble" metal content – Part 1: Determination of lead content - Flame atomic absorption spectrometric method and dithizone spectrophotometric method	SASO GSO ISO 3856-1
4	Paints (Dyes) and Varnishes : Determination of "soluble" metal content – Part 2: Determination of antimony content - Flame atomic absorption spectrometric method and Rhodamine B spectrophotometric method	SASO GSO ISO 3856-2
5	Paints (Dyes) and Varnishes : Determination of "soluble" metal content – Part 3: Determination of barium content - Flame atomic emission spectrometric method	SASO GSO ISO 3856-3
6	Paints (Dyes) and Varnishes : Determination of "soluble" metal content – Part 4: Determination of cadmium content - Flame atomic absorption spectrometric method and polarographic method	SASO GSO ISO 3856-4
7	Paints (Dyes) and Varnishes : Determination of "soluble" metal content - Part 5: Determination of hexavalent chromium content of the pigment portion of the liquid paint or the paint in powder form - Diphenylcarbazide spectrophotometric method	SASO GSO ISO 3856-5

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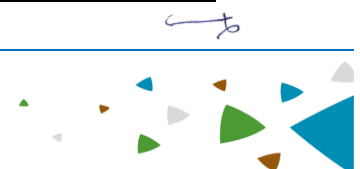
No.	Title in English	Standard No.
8	Paints (Dyes) and Varnishes : Determination of "soluble" metal content - Part 6: Determination of total chromium content of the liquid portion of the paint - Flame atomic absorption spectrometric method	SASO GSO ISO 3856-6
9	Paints (Dyes) and Varnishes : Determination of "soluble" metal content - Part 7: Determination of mercury content of the pigment portion of the paint and of the liquid portion of water-dilutable paints - Flameless atomic absorption spectrometric method	SASO GSO ISO 3856-7
10	Paints (Dyes) and Varnishes : Standard Test Methods for Aromatics in Mineral Spirits by Gas Chromatography	ASTM D3257
11	Paints (Dyes) and Varnishes : Standard Test Method for Measurement of Evolved Formaldehyde from Water Reducible Air-Dry Coatings	ASTM D6191
12	Paints (Dyes) and Varnishes : Standard Test Method for Determination of Dichloromethane and 1,1,1-Trichloroethane in Paints and Coatings by Direct Injection into a Gas Chromatograph	ASTM D4457
13	Paints (Dyes) and Varnishes : General method for the determination of arsenic - Silver diethyldithiocarbamate photometric method	SASO GSO ISO 2590
14	Paints (Dyes) and Varnishes : Reference materials	SASO GSO 1810
15	Paints, Varnishes and Raw Materials for Paints and Varnishes - Sampling	SASO-GSO-ISO-15528
16	Paints (Dyes) and Varnishes : PAINTS AND VARNISHES – EMULSION PAINTS	SASO 470
17	Alkyd Oil Based Paint (Gloss ,Semi-Gloss and Flat	SASO 2881
18	Paints (Dyes) and Varnishes : Paints and varnishes - Emulsion Primers	SASO 2060



No.	Title in English	Standard No.
19	Driers for paints and Varnishes	SASO-ISO-4619
20	Paints (Dyes) and Varnishes : WATER BASEDTEXTURE FINISHES	SASO 2626
21	Paints (Dyes) and Varnishes : Paint of Red iron oxide	SASO 2628
22	Paints (Dyes) and Varnishes : Paint and Varnishes – solvent borne alkali resistant primer	SASO 2629
23	Paints (Dyes) and Varnishes : paints and varnishes - roof coating (water based(	2627 SASO
24	Paints (Dyes) and Varnishes : Paints and Varnishes – Solvent based acrylic enamel paints	SASO 2705
25	Paints (Dyes) and Varnishes : Paints and varnishes - Nitrocellulose clear sanding sealer	2702 SASO
26	Paints (Dyes) and Varnishes : Paints and varnishes – Nitrocellulose paints – Tinted Base	SASO 2703
27	Paints (Dyes) and Varnishes : Nitrocellulose paints – Colouring pigment	SASO 2704
28	Paints (Dyes) and Varnishes : Paints and Varnishes: Nitrocellulose Paste	SASO 2701
29	Paints (Dyes) and Varnishes : polyurethane clear sanding sealers	SASO 2831
30	Paints (Dyes) and Varnishes : Polyurethane primer surfacer	SASO 2832
31	Paints (Dyes) and Varnishes: Solvent based polyurethane paints	SASO 2833
32	Paints (Dyes) and Varnishes : Solvent based polyurethane clear	SASO 2834
33	Standard Specification for Aluminum Powder and Paste Pigments for Paints	SASO ASTM D962



No.	Title in English	Standard No.
34	Binders for paints and varnishes — Determination of hydroxyl value — Part 1: Titrimetric method without using a catalyst	SASO-ISO-4629-1
35	Paints and varnishes — Determination of the percentage volume of non-volatile matter — Part 3: Determination by calculation from the non-volatile-matter content determined in accordance with ISO 3251, the density of the coating material and the density of the solvent in the coating material	SASO-ISO-3233-3
36	Paints and varnishes — Determination of resistance to humidity — Part 1: Condensation (single-sided exposure)	SASO-ISO-6270-1
37	Paints and varnishes - Determination of resistance to humidity - Part 2: Condensation (in-cabinet exposure with heated water reservoir)	SASO-ISO-6270-2
38	Paints and varnishes — Determination of resistance to humidity — Part 3: Condensation (in-cabinet exposure with heated, bubbling water reservoir)	SASO-ISO-6270-3
39	Waterproofing Cementitious Coating (water based)	SASO-2947
40	Paints and varnishes – Paint remover	SASO-2839
41	PAINTS AND VARNISHES - THERMAL REFLECTIVE COATING	SASO-2904
42	Paints and varnishes - Epoxy primer	SASO-2852
43	Paints and varnishes – Epoxy Clear Sealer	SASO-2853
44	Paints and Varnishes – Solvent alkyd amino stoving Paint	SASO-2837
45	Paints and varnishes – Water based road marking paint	SASO 2869
46	PAINT AND VARNISH - WATER BASEDTEXTURE FINISHES WITH AGGREGATES	SASO-2878
47	Paints and varnishes – Glass beads for road marking paints	SASO 944
48	PAINTS AND VARNISH - ROAD MARKING PAINTS	SASO-819



No.	Title in English	Standard No.
49	PAINT AND VARNISH - ANTI-BACTERIAL, MOLD AND FUNGI RESISTANCE EMULSION PAINTS	SASO-2876
50	PAINTS AND VARNISHES - SOLVENT FREE EPOXY FLOOR COATIN	SASO-2873
51	PAINTS AND VARNISHES - PUTTY (WATER BASED) FOR INTERIOR USE	SASO-2107
52	PAINTS AND VARNISHES - ANTI-CARBONATION PAINTS WATER BASED	SASO-2935
53	Paints and Varnishes –Unsaturated Polyester Putties	SASO 1884
54	Paints and Varnishes – Wood Varnishes	SASO 2838
55	Paints and Varnishes - Intumescent Fire Proofing Coating (Solvent based)	SASO 2981
56	Paints and Varnishes - Intumescent Fire Proofing Coating (Water based)	SASO 2982

**Note:** The standards mentioned in this Annex, regarding the paints, included herein, shall be subject to revision. The suppliers shall be responsible for ensuring that they are applying the most recent copy of the standards mentioned in such lists.

to





## B) List of Products and HS Codes

Product Category	Item	HS Code
Disperse dyes and preparations based thereon	Acid dyes, whether or not premetallised, and preparations based thereon; mordant dyes and preparations based thereon	3204
	Basic dyes and preparations based thereon	
	--Direct dyes and preparations based thereon	
	--Vat dyes (including those usable in that state as pigments) and preparations based thereon	
	--Reactive dyes and preparations based thereon	
	--Pigments and preparations based thereon	
Paints (Dyes) and Varnishes	- -Containing 80% or more by weight of titanium dioxide calculated on the dry weight	3206
	Pigments and preparations based on titanium dioxide - Containing less than 80% by weight of titanium dioxide calculated on the dry matter	
	-Pigments and preparations based on chromium compounds	
	--Lithopone and other pigments and preparations based on zinc sulphide	



	-Inorganic products of a kind used as iuminophores	
	Other Colouring matter and preparations as specified in Note 3 of this chapter other than those specifid in item 3203, 3204 and 3205	
	Colouring matter contains any material within public security list	
	Other..	
Paints (Dyes) and Varnishes	Other colour lakes ..	3205
	Other preparations based on colour lakes as specified in Note 3 to this Chapter	
Paints (Dyes) and Varnishes	Liquid lustres and similar preparations	3207
	-Prepared pigments, Prepared opacifiers, Prepared colours and similar preparations	
Paints (Dyes) and Varnishes	Paints (including enamels)	3208
	Other..	
Paints (Dyes) and Varnishes	Paints (including enamels) based on acrylic or vinyl chemically modified polymers, dispersed or dissolved in an aqueous medium.	3209
	Other..	
Paints (Dyes) and Varnishes	Paint thinner	3814
	Paint Remover	
	Methoxypropanol diluent	

to



	Organic composite solvents and thinners contain any material within public security list	
	Other..	

**Note:** Products and HS Codes in Saber E-Platform are the updated and certified version. 



## Annex No. (3)

### Conformity Assessment Form (Type 3) as per ISO/IEC 17067 (Type Approval Based on Quality Assurance of Production Process)

#### 1 Type Approval Based on Quality Assurance the Production Process

A model of conformity assessment procedures, by which the supplier fulfills the obligations set out in the items below, while ensuring and acknowledging - on its sole responsibility - that the concerned products are in conformity with the type specified in the Type Approval Certificate and comply with the requirements of the relevant technical regulations.

#### 2 Manufacturing

The supplier shall operate with a certified Product Safety Management System, to ensure the safety of the product, including production lines, final inspection and testing of the concerned products as per Clause (3), and shall be subject to periodic surveillance as per Clause (4).

#### 3 Product Safety Management System

3/1 The supplier shall submit a request to a Notified Body “Third party” of its choice, in order to evaluate the safety management system of concerned products.

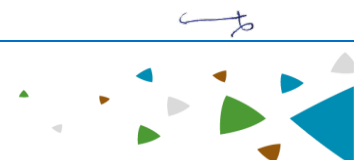
The request shall include:

- A) Name and address of the supplier, and the name and address of the official representative, in case the representative submits the request.
- B) The manufacturer shall be officially licensed by the relevant authorities in the country of origin.
- C) A written declaration not to submit the same request to any other Notified Body “Third Party”.
- D) All relevant information regarding the concerned product category.
- E) Documentation of the Product Safety Management System.
- F) Technical documents of the certified type, and a copy of the Type Approval Certificate.

3/2 The Product Safety Management System shall guarantee that the manufactured products are in conformity with the type specified in the Type Approval Certificate, and with the requirements of the relevant technical regulations.



- 3/3 All the system elements and its requirements - adopted by the supplier - shall be documented in a systematic and orderly manner in a form of written policies, procedures and instructions. The documents of the Product Safety Management System shall provide a consistent understanding of the safety programs, plans, manuals and records. Such documents shall contain, in particular, an adequate description of the following:
- A) Quality objectives, organizational structure, responsibilities and competences of the management regarding the safety of the product.
  - B) Manufacturing techniques, product safety and quality assurance procedures, and applied processes and procedures.
  - C) Executed inspections and tests; before, during, and after manufacturing, and the frequency with which they will be carried out.
  - D) Records: such as inspection, testing, calibration reports, and the qualification documents of relevant personnel, etc.
  - E) Means of control for achieving the required product safety and the effective operation of the Product Safety Management System.
- 3/4 The Notified Body, approving the Product Safety Management System, shall assess such system to determine whether it satisfies the requirements referred to in Clause (3/3), during the period of the approval of the system, which shall be three years.
- 3/5 The product shall be presumed to comply with the requirements of the technical regulations, in relation to the items of the Product Safety Management System, whenever it conforms to the standards.
- 3/6 In addition to experience in the relevant product safety, the auditing team shall have one technical expert - at least – who is experienced in the assessment of the field and techniques of manufacturing of the product, and is fully aware of the technical requirements stipulated in the relevant technical regulations.
- 3/7 The audit shall include an assessment visit to the factory. The auditing team shall review the technical documents referred to in Clause (3/3), in order to verify the manufacturer's ability to identify the requirements of the technical regulations and carry out the necessary examinations and tests to ensure compliance of the product with these requirements.
- 3/8 The manufacturer shall be notified of the decision after the end of the assessment, provided that such notice include audit findings, assessment decision, along with the justifications on which the decision was based.



3/9 The manufacturer shall be committed to satisfy the obligations of the Product Safety Management System, as approved, and to maintain the system so that it remains adequate and efficient.

3/10 The manufacturer shall notify the conformity assessment body, which approved the Product Safety Management System, of any proposed modifications to the system.

3/11 The Notified Body shall evaluate any proposed modifications and decide whether the modified Product Safety Management System will continue to satisfy the requirements referred to in Clause (3/3) or a reassessment is necessary. The Notified Body shall notify the manufacturer of its decision; the notification shall include testing results along with the justifications of the assessment decision.

#### **4 Periodic Surveillance Under the Responsibility of the Notified Body**

4/1 The purpose of periodic surveillance is to verify the extent of which the supplier meets the obligations of the certified Product Safety Management System.

4/2 For assessment purposes, the supplier shall allow the Notified Body, during the validation period, to enter the manufacturing, inspection, testing and storage sites. The supplier shall provide the Notified Body with all necessary information, particularly, the Product Safety Management System documents and safety records, such as testing and calibration reports, and the qualification documents of relevant personnel, etc.

4/3 The Notified Body shall carry out periodic audit visits to verify that the manufacturer applies and maintains the Product Safety Management System, and shall provide the supplier with an audit report.

4/4 The Notified Body have the right to perform unexpected visits to the factory. During such visits, the Notified Body may, as necessary, carry out product tests, or have them carried out by a third party, in order to verify that the Product Safety Management System is properly functioning. The Notified Body shall provide the supplier with an assessment report, and testing reports, in case of testing.

#### **5 Certificate of Conformity and Declaration of Conformity**

5/1 The Notified Body shall issue a Certificate of Conformity for the product in case the supplier has an effective and certified Product Safety Management System, upon the request of the supplier, within the validity period.



- 5/2 The Notified Body shall identify the product details in each request, clarify such details in the issued Certificate of Conformity, and record them in the electronic portal for conformity (in SASO).
- 5/3 The supplier shall provide a written Declaration of Conformity for each approved product type (Type Approval), and shall put it at the Regulatory Authorities and Market Surveillance Authorities disposal for a period of ten (10) years, at least, after the placement of the product in the market. The Declaration of Conformity of the supplier shall identify the approved product type. Furthermore, a copy of the Certificate of Conformity and the Declaration of Conformity shall be at the Regulatory Authorities and Market Surveillance Authorities disposal request.
- 5/4 The supplier shall put the following documents at the Regulatory Authorities and Market Surveillance Authorities disposal, for a period of ten (10) years, at least, after placement of the product in the market:
- Documentation referred to in Clause (3/3).
  - The amendments referred to in Clause (3/9), as approved.
  - Decisions and reports of the Notified Body, referred to in Clause (3/7).
- 5/5 Each Notified Body shall inform the Regulatory Authorities and Market Surveillance Authorities of issued or withdrawn Product Safety Management System approvals, and shall periodically or upon request, provide lists of Product Safety Management System approvals that have been rejected, suspended, or restricted by any means; on a regular basis or upon request. Each Notified Body shall inform, upon request, the other Notified Bodies of Product Safety Management System approvals it has rejected, suspended, withdrawn, or restricted; and notify such bodies of Product Safety Management System approvals issued by it.







## Annex No. (4)

### Supplier Declaration of Conformity

*This form shall be filled in on the company's letterhead papers*

#### 1) Supplier Details:

- Name: -----
- Address: -----  
-----

Contact Person:

- Email: -----
- Tel. No.: -----
- Fax No. -----

#### 2) Product Details:

- Trademark: -----
- Type: -----
- Description: -----
- Level: ----- Category: -----
- Reference Standard/ Technical Specifications: -----We,  
hereby, declare that the above-mentioned product is conforming with the Saudi  
Technical Regulation of (                    ), and the Saudi Standards attached  
thereto.

Competent Person: -----

Company Name: -----

Signature: ----- Date: ---/---/-----



## Annex No. (5): Financial Costs

(All costs shall be in Saudi Riyal)

No.	Item	Cost
1	Application Costs	500
2	Examination Costs of Technical Documents	500
3	Coasts for Label Licensing	<p>The cost is calculated for each type of the product.</p> <ol style="list-style-type: none"> <li>1. The label is issued free of charge for the most efficient-environmental product (a).</li> <li>2. The label is issued for SAR 500 for the lowest efficient-environmental product (b).</li> </ol>



## Annex No. (6)

### Design of Environmental Performance Efficiency Label and Fixation on Product Packs

