

**Saudi Standards Metrology and Quality Org.
(SASO)**

**Technical Regulation for Building Materials Part IV: Bricks,
Tiles, Ceramics, Sanitary Ware and Relevant Products**

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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), 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 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 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.

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.

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 markings or labelling on 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

Product: Bricks, tiles, ceramics, marble and stones (natural and industrial), sanitary ware, and relevant products, designed to be used in constructions and buildings.

Market Surveillance Authorities: Authorities/governmental bodies responsible for carrying out market surveillance operations.

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.

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 his 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.

Notified (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 a notified 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.

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.



Building (Construction) Materials: Any product or equipment (kit) manufactured and placed on the market for the purpose of sustainable integration into construction work or parts thereof, the performance has an impact on the construction work with respect to the essential requirements of health, safety and environment.

Kit: Construction materials produced by the manufacturer and placed on the market in the form of a set of – at least – two separate parts, where their installation in the construction requires the parts to be combined.

Construction: Residential and service buildings, and various civil engineering constructions such as bridges, tunnels, airports, ports, drinking water-supply networks, water pumping stations, sanitation systems/networks, water purification and treatment plants, dams, and irrigation projects.

Essential Requirements: Requirements for products used in construction (building) works, that may affect safety, health, environment, and other requirements imposed by KSA, which must be adhered to and are determined by this regulation.

Main Characteristics (Properties): Main technical properties (indicated in the relevant standards) of building materials related to the main requirements of the constructions.

Performance of Construction Materials: Technical characteristics/properties related to the relevant main characteristics expressed by defining the level, category, or description.

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 applies to brick, tile and ceramic products, marble and stone (natural and industrial), sanitary ware, and related products (ceramic tiles, natural marble tiles, clay inclined roof tiles (backed bricks), ceramic and non-ceramic sanitary ware, and bricks), in accordance with the relevant definitions and terms set out in Article (1) and the relevant standards listed in Annex (1).

Cement tiles and bricks are excluded from the scope of this regulation.

Article (3) Objectives

This regulation aims to lay out the essential requirements for bricks, tiles, ceramics, marble and stone (natural and industrial), sanitary ware, and related products, designed for use in constructions and buildings; included in the scope of this regulation, and to identify the conformity assessment procedures with which suppliers shall comply, in

order to ensure the conformity of such products to the basic requirements aimed at preserving the environment, maintaining the health and safety of the consumer, and facilitating market surveillance procedures.

Article (4) Obligations of Supplier

The supplier shall adhere to the following requirements:

4/1 General Main Requirements for the Product used in Construction (building) Works

Products subject to this regulation, designed for construction works in general, or in their separate parts, shall be suitable for the purpose for which they were designed, taking into consideration, in particular, the health and safety of product users and building users in all stages of the construction works, including regular maintenance work, so that the product meets the technical requirements indicated in the Saudi Standards mentioned in Annex (1), to ensure that the construction meets the following main requirements:

Note: The obligations of supplier stipulated in this regulation do not include the requirements of planning, design, execution and monitoring for construction works, and are limited to the obligation of supplier regarding building materials included in the scope of this regulation.

4/1/1 Mechanical Resistance and Stability

The product - which is included in the design and building of constructions - shall be designed and manufactured to ensure that it withstands all designed loads during construction and usage periods, in order to avoid the following risks:

- A) Total or partial collapse of the structures.
- B) Occurrence of significant distortions (deviations) beyond the acceptable limits.
- C) Damage to other parts of the structure, fixtures or equipment, as a result of large distortions (deviations) in the supporting structural elements.
- D) Damage resulted from occasional accidents, which are severe compared to their causes.

4/1/2 Safety in case of Fires

The product - which is included in the design and building of constructions - shall be designed and manufactured, whether separately or integrated with other building materials within the constructions, to ensure - in case of fire – the following:

- A) Endurance of bearing/supporting structural elements during the specified period of time.
- B) Reducing the spread of fire and smoke within the constructions.
- C) Reducing fire spread to adjacent constructions.



- D) Enabling construction residents to leave safely or providing them with aids.
- E) Taking into consideration the safety of rescue teams.

4/1/3 Sustainable Use of Natural Resources

The product - which is included in the design and building of constructions - shall be designed and manufactured in such a way to achieve the sustainable use of natural resources, in order to guarantee the following in particular:

- A) Reuse or recycling the constructions materials and parts after being demolished.
- B) Constructions sustainability.
- C) Use of primary and secondary raw materials that are compatible with the environment.

4/1/4 Health, Safety, and Environment

The product - which is included in the design and building of constructions - shall be designed and manufactured in a way not to pose a risk to health and safety of workers, residents, or its vicinity. The product shall not leave a noticeable impact on the environment or climate throughout the life cycle of the construction, whether during construction, use, or demolition. Furthermore, the product shall not cause, directly or indirectly, any of the following risks:

- A) Emissions of hazardous substances, volatile organic compounds (VOC), greenhouse gases or harmful particles in air, whether inside or outside the building.
- B) Hazardous radiation emissions.
- C) Water or soil pollution or poisoning.
- D) Poor drainage of wastewater and smoke.
- E) The presence of moisture in any part of the construction or on its surfaces, or absorption, at any proportions that threaten the sustainability of the safety of the product.

4/1/5 Usage Safety

The product shall be designed and manufactured to ensure that the design and building of the construction - in which the product is included - does not represent any unacceptable risk of accidents during service or operation, such as slipping, falling, collision, fire or death, resulting from electric shock, or injury as a result of an explosion, taking into consideration that it is usable by persons with special needs.

4/1/6 Noise Prevention

The product - which is included in the design and building of constructions - shall be designed and manufactured in such a way that the level of noise felt by the residents or

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neighbors is reasonable enough to not harm their health, and allows them to sleep, rest, and work in appropriate conditions.

4/1/7 Energy Rationalization and Thermal Insulation

The product shall be designed and manufactured in such a way to ensure that the design and execution of construction works - including heating, cooling and ventilation systems and equipment - achieve acceptable levels of energy conservation necessary for use, taking into consideration the climatic conditions of the location, and the comfort of the occupants of the building. The product shall ensure the efficiency of constructions in terms of energy consumption during use, construction works, and demolition or dismantling works.

4/2 Technical Requirements

To meet the requirements of this regulation, the supplier shall fulfill the main characteristics of the products included in the scope of this regulation, which are used in constructions and buildings, as follows:

- 4/2/1 Product fulfillment of the technical requirements set out in the standards listed in Annex (1) of this regulation, whether separately or integrated with other building materials within the constructions, as the conformity of the product included in this regulation to the related standards is deemed as sufficient evidence that this product meets its main requirements, which are specified in this regulation.
- 4/2/2 Provide an effective environmental management system at the plant (the plant certified as the Environmental Management System according to (ISO 14001) shall be considered as have met the requirements of this section.

4/3 Metrological Requirements

International system of units (SI Units), their multipliers or parts shall be used during design, manufacturing, or trading of the product.

4/4 Packaging Requirements

- 4/4/1 Ensuring that the packaging of the products covered by this Technical Regulation is according to the packaging requirements stipulated in the relevant standards.
- 4/4/2 Ensuring that the product packaging materials are free of lead or heavy metals.
- 4/4/3 Ensuring that the containers or plastic packaging materials of the product are labelled with degradable plastic card if the materials are included in the scope of Degradable Plastic Products regulation, or recycling symbol in case of using recyclable plastic packages.

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Article (5) Labeling

Labels and markings of the product; intended to be placed and offered in the market for the use in constructions and buildings, shall be as follows:

- 5/1 Name of the supplier and the commercial register (record) shall be written.
- 5/2 Labels on the product shall be in accordance with the technical requirements of this regulation and the relevant standards set out in Annex (1) of this regulation.
- 5/3 All information used in labeling shall be valid, proven, and verifiable.
- 5/4 Country of origin.
- 5/5 Storage requirements.
- 5/6 Product's validity period and batch number - if required.
- 5/7 Images and phrases used on the product packaging shall not violate the public law, morals, and the Islamic values prevailing in the KSA.

Article (6) Conformity Assessment Procedures

- 6/1 Only the requirements of conformity assessment procedures set out in this technical regulation shall be adhered to. Any other requirements concerning this matter in any standard shall be disregarded.
- 6/2 The supplier – responsible for placement of ceramics tiles in the market – shall obtain the Saudi quality mark or its equivalent of recognized marks in the KSA.
- 6/3 The supplier – responsible for placement of the rest of the products in the market – shall obtain a Certificate of Conformity issued by a Notified Body approved by SASO, in accordance with the conformity assessment model (Type 3) as described in Annex (2).
- 6/4 Notified Bodies shall implement the conformity assessment procedures according to the specified model, in order to ensure fulfillment of the requirements of the Technical Regulation and relevant Saudi standards set out in Annex (1).
- 6/5 The product shall be accompanied by a technical file, which includes the following:
 - A) Supplier (manufacturer/importer) Declaration of Conformity in accordance with the attached form in Annex (3).
 - B) Risk assessment document.
 - C) Country of origin.
- 6/6 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 the product with the requirements of this Technical Regulation, when required.

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- 6/7 Products, subject to this regulation, that bear the Saudi Quality Mark, or its equivalent, shall be deemed to be complying with the requirements set forth in this Technical Regulation.

Article (7) Responsibilities of Regulatory Authorities

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

- 7/1 Regulatory Authorities shall verify that bricks, tiles, ceramics, marble, stones (natural and industrial), sanitary ware, and relevant products, designed to be used in constructions and buildings; intended for construction and building works; and subject to this regulation, fulfill the requirements of the specified conformity assessment procedures and technical documents attached with consignments in ports and factories.
- 7/2 Regulatory Authorities have the right to periodically and randomly collect samples of products from the point of production, and to send such samples to the competent laboratories to ascertain the extent of the conformity with the requirements set out in this Technical Regulation.
- 7/3 Regulatory Authorities have the right to charge the suppliers (manufacturers/importers) with the costs of tests and associated fees.
- 7/4 In case of 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 part of their competence, shall carry out the following:

- 8/1 Enforce the market surveillance procedures on 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 Sampling 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.

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Article (9) Violations and Penalties

- 9/1 It is prohibited to manufacture, import, launch, or even advertise the products 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, or its equivalent.
 - B) Failure to issue or improper issuance of the Certificate of Conformity or the Supplier Declaration of Conformity; or if any contains incorrect information.
 - C) Unavailability or incompleteness of the technical documents.
 - D) Unavailability or incompleteness of product data/labels, safety guidelines, usage instruction, or information related to hazardous materials.
- 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:
- A) 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.
 - 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 the markets, and the violating party shall bear all associated expenses.
 - C) Deal with non-conforming products covered by this regulation in accordance with laws and regulations applicable in the Regulatory Authorities and Market Surveillance Authorities.
- 9/4 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.
- 9/5 Without prejudice to any more severe sanction stipulated in the applicable regulations, whosoever violates the requirements of the adopted standards for

products included in the scope of this Technical Regulation shall be subject to the sanctions stipulated in the Anti-Commercial Fraud 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 law and/or any other related laws, in case any violation of the articles herein 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. In addition, adhering to the requirements of this regulation shall not preclude compliance with the requirements of the Saudi Building Code.
- 10/3 Suppliers of bricks, tiles, ceramics, or sanitary ware; subject to provisions of this regulation, shall provide the inspectors of the Regulatory and Market Surveillance Authorities with all necessary information, when required, to carry out their assigned tasks.
- 10/4 Where new originated cases that cannot be treated under the provisions herein or where a dispute arises as a result of the application of such 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, verify the validity of such complaints, and take the necessary legal actions in case of any violations.
- 10/7 SASO has the right to cancel 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 morphological 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 shall, exclusively, have the right to interpret 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 This regulation shall be applied within a period not exceeding 180 days from the date of its publication in the Official Gazette.
- 11/2 Subject to the provisions of Paragraph (1) of this Article, suppliers are given them a grace period to consolidate their position in the market. In accordance with the requirements contained in this law within a period not exceeding 365 days from the date of publication in the Official Gazette.
- 11/3 This Technical Regulation – once adopted – shall supersede all preceding regulations in the scope of this Technical Regulation.

Article (12) Publication

This Technical Regulation shall be published in the Official Gazette.

A handwritten signature in blue ink, consisting of a stylized 'S' followed by a flourish.

Annex No. (1)

A) list of bricks, tiles, ceramics, and sanitary ware products and relevant standards

No	Product	Title in English	Standard No.
1	Ceramics Tiles	Ceramic tiles -- Part 1: Sampling and basis for acceptance	SASO-ISO-10545-1
		Ceramic tiles -- Grouts and adhesives -- Part 1: Terms, definitions and specifications for adhesives	SASO-ISO-13007-1
		Ceramic tiles -- Grouts and adhesives -- Part 3: Terms, definitions and specifications for grouts	SASO-ISO-13007-3
		Ceramic tiles -- Definitions, classification, characteristics and marking	SASO-ISO-13006
2	Roof Clay Tiles	Pitched roofs clay tiles and fittings.	SASO-1812
		Standard specification for roofing slate	SASO-ASTM-C406
		Standard specification for structural clay load-bearing wall tile	SASO-ASTM-C34
		Standard specification for structural clay nonloadbearing screen tile	SASO-ASTM-C530
		Standard specification for structural clay facing tile	SASO-ASTM-C212
		Standard specification for structural clay nonloadbearing tile	SASO-ASTM-C56
3	Ceramic Sanitary Ware	Western water closets equipped with a dual flushing device	SASO 2922
		Ceramic sanitary appliances - western water closets	SASO-1473
		Ceramic sanitary appliances: Eastern water closets and traps.	SASO-1258
		Ceramic sanitary appliances - General requirements.	SASO-1025
		Ceramic sanitary appliances - bidets.	SASO-GSO-EN-14528

No	Product	Title in English	Standard No.
		Pedestal and wall-hung bidets with over-rim supply. Connecting dimensions	SASO-GSO-EN-35
4	Sanitary Ware	Sanitary tapware: general specifications for flow rate regulators	SASO-EN-246
		Sanitary appliances-tapware: shower and spray hoses.	SASO-1913
		Sanitary appliances- flushing apparatus.	SASO-1480
		Sanitary appliances - Wash basins – Functional requirements and test methods	SASO-GSO-EN 14688
		Sanitary appliances - Specification for whirlpool baths	SASO-GSO-EN-12764
		Sanitary appliances - flushing water tanks.	SASO-1257
		Sanitary appliances pressurized flushing devices	SASO-1477
		Sanitary appliances: general requirements for plumbing fixture fittings	SASO-2655
		Sanitary appliances - Cross-linked cast acrylic sheets for baths and shower trays for domestic purposes	SASO-EN-263
		Sanitary appliances - Baths made from impact modified coextruded ABS/acrylic sheets - Requirements and test methods	SASO-EN-15719
		Specifications for impact modified extruded acrylic sheets for shower trays for domestic purposes	SASO-EN-13558
		Sanitary appliances - baths made from cross-linked cast acrylic sheets - requirements and test methods	SASO-EN-198
		Baths for domestic purposes made of acrylic material	SASO-GSO-2012
		Baths - Connecting dimensions	SASO-EN-232
		Sanitary appliances - shower trays made from cross-linked cast acrylic sheets - requirements and test methods	SASO-GSO-249
		Wash basins. Connecting dimensions	SASO-GSO-EN-31

No	Product	Title in English	Standard No.
		Covers and gratings of manhole and gully and their frames	GSO 1755
		Standard Specification for Fiberglass (Glass-Fiber-Reinforced Thermosetting-Resin) Manholes and Wetwells	SASO ASTM D3753
		Fiber-Reinforced Plastic (FRP) Specifications - Fiber-Reinforced Plastic (FRP) Manhole and Access Covers with Frame	SASO GSO 2423
		Plastic Toilet Seat and cover	SASO 2854
		Specification for thermoplastic water meter cabient	SASO 2283
5	Bricks or Tiles	Standard Specification for Clay Drain Tile and Perforated Clay Drain Tile	SASO-ASTM-C4
		Hollow Blocks From Burnt clay for walls	SASO-GSO-1421
		Standard Specification for Ceramic Glazed Structural Clay Facing Tile, Facing Brick, and Solid Masonry Units	SASO-ASTM-C126
		Standard Specification for Building Brick (Solid Masonry Units Made From Clay or Shale)	SASO-ASTM-C62
		Standard Specification for Hollow Brick (Hollow Masonry Units Made From Clay or Shale)	SASO-ASTM-C652
		Standard Specification for Facing Brick (Solid Masonry Units Made from Clay or Shale)	SASO-ASTM-C216
		Standard Specification for Glazed Brick (Single Fired, Brick Units)	SASO-ASTM-C1405
		Standard specification for brick, insulating, high temperature, fire clay	SASO-ASTM-F1312
		Standard Specification for Vinyl Composition Floor Tile	SASO ASTM F1066

No	Product	Title in English	Standard No.
		Resilient floor coverings:- Specification for floor coverings based on thermoplastic polymers	SASO ISO 19322
		Standard Specification for Vinyl Composition Floor Tile	SASO ASTM F2873
		Resilient floor coverings:- Specification for floor coverings based on thermoplastic polymers	SASO ASTM F3261
		Standard Practice for the Installation of Self-Leveling Underlayment and the Preparation of Surface to Receive Resilient Flooring	SASO ASTM F3009
		Standard Specification for Resilient Flooring in Modular Format with Rigid Polymeric Core	SASO ASTM F2982
		Standard Specification for Polyolefin Composition Floor Tile	SASO ASTM F3012
		Standard Specification for Chemical Resistant Monolithic Floor Surfacing	SASO-ASTM-C722
6	Natural Stone and Marble	standard specification for granite dimension stone	SASO-ASTM-C615
		standard specification for serpentine dimension stone	SASO-ASTM-C1526
		standard specification for travertine dimension stone	SASO-ASTM-C1527
		standard specification for architectural cast stone	SASO-ASTM-C1364
		standard specification for marble dimension stone	SASO-ASTM-C503
		standard specification for slate dimension stone	SASO-ASTM-C629
		standard specification for limestone dimension stone	SASO-ASTM-C568

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No	Product	Title in English	Standard No.
		standard specification for quicklime, hydrated lime, and limestone for environmental uses	SASO-GSO-ASTM-C1529
7	Industrial Stone and Marbel	Solid surfacing sheets	SASO-GSO-2340
		acrylic, polyester, and mixed acrylic-polyester resin based solid surface material - sheet products	SASO 2270

Note:

The List of Standard Specifications mentioned in this annex, regarding products of bricks, tiles, ceramics, marble, stone (natural and industrial), sanitary ware and related products, which are designed to be used in constructions and buildings, and related materials, is subject to revision, and only available list may be used at the time of publication. The suppliers are responsible for ensuring that they are using the latest version of the standards mentioned in lists.

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B) List of Products and Customs Codes

No.	Product Categories	HS Code
1	Baths, shower-baths, wash-basins, bidets, lavatory pans, seats and covers, flushing cisterns and similar sanitary ware, of plastics.	3922
2	Setts, curbstones and flagstones, of natural stone	6801
3	Worked monumental or building stone, mosaic cubes and the like- of natural stone	6802
4	Worked slate and articles of slate or of agglomerated slate.	6803
5	Articles of cement- of concrete or of artificial stone.	6810
6	Refractory bricks- blocks- tiles and similar refractory ceramic constructional goods.	6902
7	Ceramic building bricks- flooring blocks- support or filler tiles and the like.	6904
8	Roofing tiles- architectural ornaments and other ceramic constructional goods.	6905
9	Ceramic flags and paving, hearth or wall tiles; ceramic mosaic cubes and the like, whether or not on a backing; finishing ceramics.	6907
10	Ceramic sinks- wash basins- wash basin pedestals- baths- bidets- water closet pans- flushing cisterns- urinals and similar sanitary fixtures.	6910
11	Sanitary ware and parts thereof- of iron or steel.	7324
12	Sanitary ware and parts thereof- of copper.	7418
13	Other articles of nickel.	7508
14	Sanitary ware and parts thereof- of aluminum.	7615

Note: The products and customs codes on the Saber electronic platform are the updated and certified version.

Annex No. (2)

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 Law

3/1 The supplier shall submit a request to a Notified Body of its choice, in order to evaluate the safety management law 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.
- D) All relevant information regarding the concerned product category.
- E) Documentation of the Product Safety Management Law.
- F) Technical documents of the certified type, and a copy of the Type Approval Certificate.

3/2 The Product Safety Management Law 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 elements and requirements of Product Safety Management Law - 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 Law 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 Law.

3/4 The Notified Body, approving the Product Safety Management Law, shall assess such law to determine whether it satisfies the requirements referred to in Clause (3/3), during the period of the approval of the law, 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 Law, 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 plant. 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 Law, as approved, and to maintain the law so that it remains adequate and efficient.

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

3/11 The Notified Body shall evaluate any proposed modifications and decide whether the modified Product Safety Management Law 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 Law.

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 Law 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 Law, and shall provide the supplier with an audit report.

4/4 The Notified Body have the right to perform unexpected visits to the plant. 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 Law 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 Law, 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 Law approvals, and shall periodically or upon request, provide lists of Product Safety Management Law 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 Law approvals it has rejected, suspended, withdrawn, or restricted; and notify such bodies of Product Safety Management Law approvals issued by it.



Annex No. (3)

Supplier Declaration of Conformity

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

1) Supplier data:

- Name: -----
- Address: -----
- -----
- -----
- Contact person: -----
- Email: -----
- Tel. No.: -----
- Fax. No.: -----

2) Product details:

- Trademark:-----
- Type:-----
- Product Description:-----
- Category (according to the standards):-----
- Reference standards/ technical specifications: -----
- -----

We, hereby, acknowledge that the above-mentioned product is conforming to the Saudi technical regulation (), and the Saudi standards included therein.

- Person in Charge: -----
- Company: -----
- Signature: ----- Date:--/--/-----