



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

Technical Regulation for Auto Spare Parts

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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**

Contents

preamble.....	3
Article (2): Scope.....	6
Article (3): Objectives.....	6
Article (4): Obligations Of Supplier	6
Article (5): Labeling	8
Article (6): Conformity Assessment Procedures	8
Article (7): Responsibilities Of Regulatory Authorities (Customs Ports - Manufactories).....	9
Article (8): Responsibilities Of Market Surveillance Authorities	10
Article (9): Violations And Penalties.....	10
Article (10): General Provisions	11
Article (11): Transitional Provisions	13
Article (12): Publication	13
Annex No. (1) List Of Standards For Vehicle Spare Parts And Relevant Products	14
Annex No. (2) Conformity Assessment Form (Type 1a)	19
Annex No. (3) Conformity Assessment Form (Type 3)	23
Annex No. (4) Supplier Declaration Of Conformity	27

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), 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 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), 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: **"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.

SASO: Saudi Standards, Metrology and Quality Organization.

The Board:: SASO's Board of Directors.

Regulatory Authorities: Government body/bodies with regulatory tasks in consonance according to their specializations, which 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 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 the regular and recurring use, non-mandatory rules and 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 Authorities: government body/ bodies responsible for carrying out market surveillance.

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.

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 (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 relevant standards.

Supplier Declaration of Conformity: A declaration by the supplier by which it declares that a product conforms to 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.

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.

Display in the Market: Any supply of the product for distribution, consumption or use in the KSA, in the course of a commercial activity, in return for payment or free of charge.

Withdrawal: Any procedure that aims to prevent 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.

The Product: Spare parts of vehicles (cars).

Vehicle: A vehicle operated by an engine, excluding motorcycles and trailers. The vehicle does not depend, regarding its movement, on rods, cables, or similar.

The Manufacturer: The organization bearing the technical responsibility for manufacturing the vehicle spare parts.

Country of Origin: The country in which spare parts are manufactured, or the country in which the finished parts are assembled, when spare parts are manufactured in more than one country.

Original Spare Parts: Parts designed and manufactured as a replacement according to the manufacturer's specifications with a specific function by the vehicle manufacturer or the manufacturer that manufactures the parts according to the same specification and quality control system of the vehicle manufacturer .

Commercial (common) Spare Parts: Spare parts (other than the original spare parts) that are manufactured as replacement parts for vehicles, in accordance with any international or European standards, country of origin standards, or the spare parts manufacturer standards, in order to achieve the performance requirements of the vehicle's manufacturer, according to the parameters specified in SASO GSO 1712.

Supply Chain: All stages the product undergoes after its manufacturing until reaching the consumer, including packaging, supply, transportation, storage, delivery, wholesale or retail, and any other related processes.

- 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 Technical Regulation shall be applied to new spare parts used for cars (vehicles), specified in Annex (1), whether manufactured inside the KSA or imported. In accordance with the relevant terms and definitions of Article (1).

Products such as tires, vehicle batteries, and safety barriers are excluded from this Regulation, as they are covered by other technical regulations.

Note: Main parts such as chassis, engine, gearbox, and differential gear unit, are not included.

Article (3): Objectives

This regulation aims to lay out the essential requirements for Vehicle Spare Parts included in the scope of this Technical Regulation, and to identify the conformity assessment procedures with which the suppliers shall comply with, to ensure the conformity of the product with the essential requirements, with objective to preserve the environment, the health and safety of the consumer and to facilitate market surveillance procedures.

Article (4): Obligations of Supplier

The supplier shall adhere to the following requirements:

4/1 Technical Requirements

To meet the requirements of this Technical Regulation, the supplier shall fulfil the basic characteristics of Vehicle Spare Parts, as follows:

- 4/1/1** Vehicle Spare Parts shall fulfil the technical requirements defined in the standards listed in Annex (1) of this Technical Regulation. In the case of default of GSO or Saudi standards, spare parts shall comply with one or more international, regional or country of origin (national) standards, or the standards of the spare parts manufacturer, to meet the performance requirements of the vehicle manufacturing company, as per the standards specified in SASO GSO 1712.
- 4/1/2** It is prohibited to import used or refurbished spare parts.
- 4/1/3** The manufacturer shall have an effective quality management system (the manufacturer holding a quality management system certification according to ISO/TS 16949 "Particular Requirements for the Application of ISO 9001 for Automotive Production and Relevant Spare Parts" - or equivalent – shall be deemed fulfilling the requirements of this clause).
- 4/1/4** Suppliers shall cooperate with Regulatory Authorities and Market Surveillance Authorities by providing the technical file documents, Certificates of Conformity, and any other documents proving the conformity of the product with the requirements of this Technical Regulation, upon request.
- 4/1/5** In case of non-conformity of the product, or occurrence of technical defects, the supplier shall fully cooperate with the Regulatory Authorities to withdraw such products from the market and report any other cases of products that have been available in the market or sold which may pose a risk to the user and the vehicle.

4/2 Packaging Requirements

- 4/2/1** Ensuring that the packaging materials of spare parts are free of asbestos, lead or any heavy metals.
- 4/2/2** Ensuring that plastic packages or packaging of the product are holding the biodegradable plastic label if these materials are included in the Technical Regulation for Degradable Plastics, or the recycling symbol in case of using recyclable plastic containers.
- 4/2/3** Each part shall be contained in a sealed package, when possible.
- 4/2/4** Each package shall display the following information in Arabic and/or English, where the designation of the product, specifications and country of origin shall be in Arabic:
 - A)** The name of the manufacturer or trademark.
 - B)** Country of origin.
 - C)** Designation of the spare part or its number as per the classification in the catalogue of the manufacturer.

- D) Quantity in the package.
- E) Vehicle models for which the spare parts are suitable, unless specified in the catalogue of the manufacturer.
- F) Safe operating parameters (i.e. arrows clarifying the installation method), if required.
- G) Conformity marks, if any.
- H) Installation instructions in Arabic or Arabic and English, where applicable.

4/3 Storage Conditions

The manufacturer may recommend any special requirements related to storage, where applicable, such as:

- 4/3/1 Storage on shelves or special storage means.
- 4/3/2 Placing the spare parts above each other or special stacking arrangements.
- 4/3/3 Stating the suitable temperature and the importance of its control.
- 4/3/4 Stating the suitable moisture content and the importance of its control in detail, if any.
- 4/3/5 Dust control and its necessity.
- 4/3/6 Determination of storage locations (open places exposed to sun or special constructed rooms).

4/4 Metrological Requirements

International System of Units (SI Units), its multiples, or its parts shall be applied during design, manufacturing or distribution.

Article (5): Labeling

- 5/1 Spare parts shall be imported unseparated from its container/package. Information provided in Clause (4/2/4) shall be fixed, clear, and irremovable on each piece, whether in Arabic or in Arabic and English. All information included in the labels shall be valid and verified.
- 5/2 When spare parts cannot be packed due to its size or otherwise, information shall be indicated on each part, as per Clause (5/1).

Article (6): Conformity Assessment Procedures

- 6/1 The requirements of the conformity assessment procedures set out in this Technical Regulation shall only be adhered to, if any other requirements in this regard are included in any standard, they shall not be taken into account.
- 6/2 The supplier - responsible for placement of the original spare parts mentioned in Annex (1) - in the market - shall obtain a Certificate of Conformity issued by a

conformity assessment body notified by SASO, in accordance with the conformity assessment model (Type 1a: Type Approval) as clarified in Annex (2).

- 6/3 The supplier - responsible for placement of the replacement spare parts mentioned in Annex (1) - in the market - shall obtain a Certificate of Conformity issued by a conformity assessment body notified by SASO, in accordance with conformity assessment model (Type 3) as clarified in Annex (3).
- 6/4 Spare parts which are not included in Annex (1), shall be subject to the Supplier Declaration of Conformity procedure as clarified in Annex (4). Suppliers of original and commercial spare parts shall adhere to this procedure.
- 6/5 The notified body shall carry out the conformity assessment procedures to ensure that the requirements of this regulation and the relevant Saudi Standard specifications outlined in Annex (1) are met.
- 6/6 The product shall be accompanied by a technical file, which includes the following:
 - A) Supplier (manufacturer/importer) Declaration of Conformity as per Annex (4).
 - B) Risk Assessment Document.
 - C) Country of Origin.
- 6/7 Vehicle spare parts subject to this regulation that bear the Saudi Quality Mark, or its equivalent, shall be deemed to be complying with the requirements stipulated in this regulation.
- 6/8 Test reports, Certificates of Conformity, and Supplier Declaration of Conformity shall include the following additional information related to vehicle spare parts covered by this regulation:
 - A) The Name of the manufacturer.
 - B) Spare part designation and number.
 - C) Country of manufacture.
 - D) Manufacturing date (month and year).
 - E) The type and model of the suitable vehicle (the catalogue of the manufacturing company may be adequate).
 - F) Numbers of Saudi/GSO standards or other standards, including the manufacturer standards.
 - G) The lifespan of spare parts, when possible.

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

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

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

Article (8): Responsibilities of Market Surveillance Authorities

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

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

Article (9): Violations and Penalties

- 9/1 It is prohibited to manufacture, import, launch, or even advertise 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:

- A) Non-fixing or improper fixing of conformity labels, Saudi Quality Mark, or its equivalent.
- B) Failure to issue or incorrect issuance of the Certificate of Conformity or the Supplier Declaration of Conformity.
- C) Lack, unavailability, or incompleteness of the technical documentation upon request.
- D) Lack, unavailability, or incompleteness of product data/labels, or usage instructions. (when possible)

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 correct the violation, if possible, or export or destroy the product (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. 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 the violating 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 of this Regulation, including the cancellation of the relevant Certificate of conformity, while taking the necessary measures with the Notified body, which issued the certificate, according to the conformity assessment bodies notification regulation.

9/5 Without prejudice to any other law, a party that violates any of the provisions hereof shall be subject to the penalties stipulated in applicable Anti-Commercial Fraud Law or any other superseding law.

Article (10): General Provisions

10/1 Supplier shall bear full legal responsibility for the implementation of the requirements of this Technical Regulation, and shall be subject to the penalties stipulated in the Anti-Commercial Fraud laws and/or any other related laws, in case any violation of the articles thereof is proven.


- 10/2** Supplier shall be responsible for ensuring that the imported spare parts are manufactured by licensed factories in the country of origin.
- 10/3** If spare parts consist of more than one part manufactured in more than one country, and are assembled in another country; the country in which the part is assembled shall be deemed the country of origin, while taking into account the related governing laws.
- 10/4** If the supplier imports original spare parts, the supplier shall only import from vehicle manufacturing companies, and shall not combine the original spare parts supply activity with the supply of replacement spare parts.
- 10/5** This Technical Regulation shall not impede the supplier to comply with all other systems/regulations applicable in the KSA; pertaining to trading, transporting, or storing the product, in addition to the rules/regulations related to the environment, security, and safety.
- 10/6** Suppliers of vehicle spare parts subject to the provisions of this Technical Regulation shall provide the inspectors of the Regulatory and Market Surveillance Authorities with all necessary information and facilities, when required, to carry out their assigned tasks.
- 10/7** If 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.
- 10/8** The supplier may submit a new request after elimination of the reasons of rejection for the conformity assessment procedures first request, and after the necessary corrective actions have been made. The supplier shall be responsible for any additional expenses determined by SASO.
- 10/9** SASO shall examine the complaints received regarding the products having a Certificate of Conformity or a Quality Mark, if any, and verify the validity of such complaints, and take the necessary regulatory actions in case of any violations.
- 10/10** SASO has the right to annul the Certificate of Conformity or the Quality Mark license, if any, if the supplier violates the provisions herein, and shall take the regulatory actions to ensure the preservation of the rights of SASO.
- 10/11** If any modifications were made to the product during the validity period of the Certificate of Conformity or the Quality Mark license, if any, (except for cosmetic modifications), the certificate, license, or the Supplier Declaration of Conformity for this product shall be annulled, and a new request shall be submitted. In addition, the supplier or the authorized representative shall notify SASO and/or the certification body when making any modifications to the product.
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- 10/12** 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** The supplier shall take corrective actions in accordance with the provisions of this Technical Regulation within a period of no more than six months as of the date of publication in the official gazette.
- 11/2** Subject to the provisions of item (1) of this Article, products, not complying with the provisions specified in this Technical Regulation may be traded for a maximum of eighteen months as of the date of publication in the official gazette.
- 11/3** This Technical Regulation, once adopted, shall supersede all the preceding regulations related to the scope of this regulation.

Article (12): Publication

 This Technical Regulation shall be published in the Official Gazette.

Annex No. (1)**List of Standards for Vehicle Spare Parts and Relevant Products**

Number	Product	HS Code	Standard Title	Standard Number
1	—	—	Motor Vehicles - General Requirements	SASO GSO 42
2	—	—	Motor Vehicles – Spare Parts - General Requirements	SASO 2278
3	Seat Belts	8708.21.00.00.00	Motor Vehicles - Safety Belts	SASO 526
4	Brakes Lining	87083000.00.00	Replacement brake lining assemblies and drum brake linings for power-driven vehicles and their trailers	SASO GSO ECE 90
			Motor Vehicles – Braking System of Passenger Cars and Multi-Purpose Vehicles	SASO GSO ECE 13H
5	Rims	8708.70.00.00.00	Passenger Cars Tyres and Rims - Part 2: Rims	SASO GSO ISO 4000-2
			Truck and Bus Tyres and Rims (Metric Series) -- Part 2: Rims	SASO GSO ISO 4209-2
			Wheels and Rims for Pneumatic Tyres -- Vocabulary, Designation and Marking	SASO GSO ISO 3911
			Road Vehicles - Light Alloy Wheels - Impact Test	SASO GSO ISO 7141
			Road vehicles - Wheels/Rims for Commercial Vehicles - Test Methods	SASO GSO ISO 3894
			Road Vehicles - Passenger Car Wheels for Road Use - Test Methods	SASO GSO ISO 3006
6	Glazing	7007.11.00.10.00	Motor Vehicles - Laminated Safety Glass	SASO GSO 1677
			Road Vehicles - Tests for Rigid Plastic Safety Glazing Materials	SASO GSO ISO 15082
			Road Vehicles - Safety Glazing Materials - Mechanical Tests	SASO GSO ISO 3537
			Road Vehicles - Safety Glazing Materials - Test Methods for Optical Properties	SASO GSO ISO 3538
			Road Vehicles - Safety Glazing materials - Method for the determination of solar transmittance	SASO GSO ISO 13837

			Road Vehicles - Safety glazing materials - Test methods for resistance to radiation, high temperature, humidity, fire and simulated weathering	SASO GSO ISO 3917
7	Sound Signaling Devices	8512.30.00.20.00	Road Vehicles - Sound Signaling Devices – Technical Specifications	SASO 442
8	Engine Radiator	8708.91.50.00.00	Motor Vehicles - Engine Radiator	SASO 82
	Liquid Coolant	2905.49.50.00.00	Ethylene Glycol Concentrate and its Engine Coolants	SASO 995
9	Rear-view Mirrors	7009.10.00.00.00	Motor Vehicles – Rear-view Mirrors	SASO 771
10	Head Restraints	9401.20.00.00.00	Motor Vehicles - Head Restraints and Their Methods of Test	SASO 1315
11	Door Locks and Door Hinges	8301.20.00.00.00 Locks 8302.30.00.00.00 Hinges	Motor Vehicles - Door Locks and Door Hinges	SASO 769
12	Child Restraint Systems	9401.80.00.00.00	Motor Vehicles – Child Restraint Systems	SASO 2209
13	Lamps	8512.20.00.00.00	Motor Vehicle - Head Lamps Safety Requirements	SASO 1490
			Motor vehicles rear fog lamps	SASO GSO ECE 38
			Direction indicators for power-driven vehicles and their trailers	SASO ECE 6
			Uniform provisions concerning the approval of front and rear position (side) lamps, stop-lamps and end-outline marker lamps for motor vehicles (except motor cycles) and their trailers	SASO GSO ECE 7
14	Automotive belts	40102100.00.00 40102200.00.00 40102100.00.00	Synchronous belt drives -- Automotive belts	SASO ISO 9010
	Automotive pulleys	40102200.00.00 40102300.00.00 40102400.00.00 40102900.00.00	Synchronous belt drives - Automotive pulleys	SASO ISO 9011
15	Washing and wiping systems	85124000.00.00	Passenger cars - Windscreen defrosting systems - Test method	SASO ISO 3468
			Passenger cars - Windscreen washing systems - Test methods	SASO ISO 3469
			Passenger cars -- Rear-window washing and wiping systems -- Test methods	SASO ISO 6255

		85124000.00.00	Passenger cars - Rear-window defrosting system - Test method	SASO GSO ISO 5898
			Passenger cars - Windscreen wiping systems - Test method	SASO ISO 9619
			Passenger cars - Wiper systems - Wiper blade length	SASO ISO 9258
			Passenger cars - Windscreen wiper systems - Wiper arm-to-blade connections	SASO ISO 9259
			Passenger cars - Wiper systems - Shaft ends and arm-holes	SASO ISO 9704
16	Filters (air-oil- fuel)	84213100.00.00 84212300.00.00	Inlet air cleaning equipment for internal combustion engines and compressors -- Performance testing	SASO ISO 5011
			Internal combustion engines -- Spin-on filters for lubricating oil - - Dimensions	SASO ISO 6415
			Methods of test for full-flow lubricating oil filters for internal combustion engines -- Part 1:Differential pressure/flow characteristics	SASO ISO 4548-1
			Methods of test for full-flow lubricating oil filters for internal combustion engines -- Part 2:Element by-pass valve characteristics	SASO ISO 4548-2
			Methods of test for full-flow lubricating oil filters for internal combustion engines -- Part 3:Resistance to high differential pressure and to elevated temperature	SASO ISO 4548-3
			Methods of test for full-flow lubricating oil filters for internal combustion engines -- Part 4: Initial particle retention efficiency, life and cumulative efficiency (gravimetric method)	SASO ISO 4548-4
			Methods of test for full-flow lubricating oil filters for internal combustion engines -- Part 5: Test for cold start simulation and hydraulic pulse durability	SASO ISO 4548-5
			Methods of test for full-flow lubricating oil filters for internal combustion engines -- Part 6:Static burst pressure test	SASO ISO 4548-6

			Methods of test for full-flow lubricating oil filters for internal combustion engines -- Part 7: Vibration fatigue test	SASO ISO 4548-7
			Methods of test for full-flow lubricating oil filters for internal combustion engines - Part 9: Inlet and outlet anti-drain valve tests	SASO ISO 4548-9
			Methods of test for full-flow lubricating oil filters for internal combustion engines -- Part 12: Filtration efficiency using particle counting, and contaminant retention capacity	SASO ISO 4548-12
			Paper - Determination of bursting strength	SASO ISO 2758
			Hydraulic fluid power - Filter elements - Verification of fabrication integrity and determination of the first bubble point	SASO ISO 2942
			Road vehicles - Fuel filters for diesel engines - Test methods	SASO ISO 4020
			Road vehicles -- Spin-on fuel filters for diesel engines -- Mounting and connecting dimensions	SASO ISO 7654
17	Air bags	8708.95.00.00.00	Uniform provisions concerning the approval of: I. An airbag module for a replacement airbag system; II. A replacement steering wheel equipped with an airbag module of an approved type; III. A replacement airbag system other than that installed in a steering wheel	SASO ECE 114
18	Bumper	8708.10.00.00.00	Motor Vehicles - Front and Rear Exterior Protection Device for Passenger Cars (Bumpers, Etc.) and its Methods of Test	SASO 273
19	Spark Plugs	8511.10.00.00.00	Road vehicles - Spark-plugs and their cylinder head housings - Basic characteristics and dimensions	SASO ISO 28741
			Road vehicles - Screened and waterproof spark-plugs and their connections - Types 1A and 1B	SASO ISO 3412

			Road vehicles — Screened and waterproof spark-plug and its connection — Type 2	SASO ISO 3895
			Road vehicles — Screened and waterproof spark-plug and its connection — Type 3	SASO ISO 3896
			Road vehicles - Spark-plugs - Test methods and requirements	SASO ISO 11565
	Alternator	8511.50.00.00.00	Road vehicles -- Alternators with regulators -- Test methods and general requirements	SASO ISO 8854
	Ignition coil	8511.30.20.00.00	Road vehicles - Dry ignition coils using rotating high-voltage distributor	SASO ISO 10455
	Electric wiring	8544.30.00.00.00	Wiring and connectors for electric road vehicles	SASO IEC TR 60783
20	Bearing	8302.20.00.00.00		Manufacturer specifications
21	Tie Rods	8708.99.00.00.00		Manufacturer specifications
22	Shock Absorber	8708.80.00.00.00		Manufacturer specifications
23	Arms	8708.94.00.00.00		Manufacturer specifications
24	Ball Joints	4016.99.50.00.00		Manufacturer specifications

Annex No. (2)
Conformity Assessment Form (Type 1a) as per ISO/IEC 17067
Type Approval

1 Type Approval

Type approval is defined as one of the conformity assessment procedures, under which a notified body reviews and verifies the technical design of the product and declares that the technical design meets the requirements of the relevant Saudi Technical Regulations.

Type approval may be conducted by one of the two following methods:

- A) Examination of a representative sample of the entire product, that represent the expected production (production model).
- B) Assessment of the conformity of the technical design of the product by auditing the relevant technical documentation and manuals (design model), and examining of a representative sample of the expected production for one part or more involving hazardous parts of the product (a combination of the production model and the design model).

2 Procedures of Type Approval

2/1 Submission of a Type Approval Request to a Notified Body

The manufacturer shall submit a request for type approval to a notified body selected by the manufacturer, such request shall include:

- A) Name and address of the manufacturer;
- B) A written declaration not to submit the same request to any other Notified Body.
- C) Technical documentation facilitating the assessment of the conformity of the product to the requirements of Saudi technical regulations. Such documentation shall include adequate analysis and evaluation of risks.
- D) Technical documentation shall identify the requirements that apply to the product. Including, as required by the assessment, the design of the product, manufacturing and operation (use) of the product.
- E) Technical documentation shall include – at least - the following:
 - 1) A general description of the product.
 - 2) Design and manufacturing drawings, horizontal projections (diagrams), components, units, subdivisions, etc.
 - 3) Description and explanations, referred to therein, necessary to understand the drawings, diagrams, and the operation (use) of the product.



- 4) A list of the Saudi standards or any other relevant technical specifications adopted by SASO, whether fully or partially applied, and a description of the adopted solutions to meet the essential requirements of the Saudi technical regulations in case of non-application of the aforementioned standards. In case of partial application of Saudi standards, the technical documentation shall clarify the applied clauses.
- 5) Report results (graph calculations) of the design, operation control, conducted tests, etc.
- 6) Test reports.
- 7) Representative samples of the planned production. The notified body may request additional samples, if necessary.
- 8) Evidences (proofs) supporting the appropriateness of the technical solutions applied in the design. Such evidence shall refer to all documents, particularly in case of non-application of the Saudi standards and/or the aforementioned appropriate technical specification. Supporting evidences – as applicable - shall include results of test conducted in the suitable laboratory in the manufacturer or any other laboratory under the responsibility of manufacturer.

2/2 Tasks of the Notified Body

2/2/1 With regard to the product, the notified body shall:

Study the technical documentation and supporting evidence for the purpose of assessment of the technical design of the product.

2/2/2 With regard to the samples, the notified body shall:

- 1) Ensure that the manufacturing of samples is conformant to the technical documentation, in addition to identifying the elements designed in accordance with the Saudi standards, and the elements designed in accordance with other standards.
- 2) Carry out appropriate examinations and tests, or outsource them in order to verify that the technical solutions adopted by the manufacturer meet the essential requirements specified in the standards, in case of non-application of the relevant standards.
- 3) Carry out appropriate tests or outsource them, in order to verify that – in case of non-application of Saudi standards and/or other appropriate standards - the technical solutions adopted by the manufacturer meet the essential requirements of the Saudi technical regulations.
- 4) Be in agreement with the manufacturer on the venue where tests shall be conducted.



2/2/3 As for decisions made by the Notified Body:

- 1) The notified body shall issue an assessment report of the procedures carried out and their outputs. The notified body shall not publish, fully or partially, the report without the approval of the manufacturer.
- 2) In case the type meets the requirements of the Saudi technical regulations relevant to the concerned product, the Notified Body shall issue a Type Approval Certificate for the manufacturer. Such certificate shall include the name and address of the manufacturer, test results, the validity conditions thereof, if any, and all information required for identification of the certified type. The certificate may also include attachments.
- 3) The certificate, along with its attachments, shall include all necessary information required to assess the conformity of manufactured products, according to the tested type and for monitoring during operation.
- 4) In case the type is non-conforming to the requirements of the Saudi Technical Regulations applicable to the product, the Notified Body shall not issue the Type Approval Certificate and shall notify the applicant of its decision, stating detailed justifications for such decision.
- 5) The Notified Body shall follow all recognized technological developments. Whenever such developments indicate that the possibility that the certified type may no longer comply with the requirements of the Saudi Technical Regulations, the Notified Body shall determine to what extent further tests are required, and it shall inform the manufacturer accordingly.
- 6) The manufacturer shall inform the Notified Body, holding the technical documentation related to the Type Approval Certificate, of all modifications of the certified type, which may affect the conformity of the product to the requirements of the Saudi Technical Regulations, or to the terms of validity of the Type Approval Certificate. As such modifications require additional approval other than the primary Type Approval Certificate.
- 7) Notified bodies shall inform SASO of the Type Approval Certificates and any additions issued or withdrawn, and shall periodically, or upon request, provide a list of the Type Approval Certificates and any additions that has been rejected, suspended, or restricted in any way.
- 8) Each Notified Body shall inform the other accredited Notified Bodies of the Type Approval Certificates and any additions that has been rejected, suspended, or restricted in any way. In addition, they shall be informed, upon request, about Type Approval Certificates or any additions released.
- 9) Upon request, SASO and other Notified Bodies can obtain copies of the Type Approval Certificates and/or additions thereto. SASO may obtain copies of technical documentation and testing results carried out by the



Notified Body, upon request. The Notified Body shall keep a copy of the Type Approval Certificate, its annexes and additions, in addition to the technical documentation (including documents attached by the manufacturer) up until the certificate's expiration date.

- 10) The manufacturer shall keep a copy of the Type Approval Certificate, its annexes and additions thereto, in addition to the technical documentation. Furthermore, the manufacturer shall make all documents available to Regulatory Authorities and Market Surveillance Authorities for ten (10) years after placement of the product in the market.
- 11) The supplier may submit the request mentioned in Clause (1/1/2), and carry out the aforementioned tasks on behalf of the manufacturer, on the condition of the manufacturer's consent.



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:
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- 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
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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 (9/3), as approved.
 - Decisions and reports of the Notified Body, referred to in Clause (7/3).

- 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 official papers.

1) Supplier Details:

Name: -----

Address: -----

Contact Person: -----

E-mail: -----

Phone Number: -----

Fax: -----

2) Product Details

- Name of Manufacturer: -----

- Name and number of the spare part: -----

- Country of Origin -----

- Month and Year of Manufacturing: -----

- Type and model of the appropriate vehicle: -----

- Model Year: -----

- Manufacturer Standards Details: -----

- Details of Saudi/GSO Standards or other Standards: -----

- Lifespan of spare parts (if possible): -----

We, hereby, acknowledge that the product abovementioned in this declaration is in conformance with the Saudi technical regulation (), and the Saudi standards\----- attached thereto.

Person in Charge: -----

Name of the Company: -----

Signature: -----

Official Seal:

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