

PRODUCT CERTIFICATION SCHEME FOR VEHICLE SPARE PARTS

1. Objective:

This procedure describes the criteria implemented by RACS as Notified Body of Emirates Authority of Standardization and Metrology (ESMA) and as Certification Body (3rd Party CAB) authorized by Saudi Standards Metrology & Quality organization (SASO) to assure that **Vehicle Spare Parts** intended for certification with ESMA/SASO are complying with the relevant mandatory schemes and applicable standards.

Furthermore, this document identifies the steps taken by RACS Clients (Manufacturers, Traders, importers, retailers, Business owners or any other client) to get their products/processes certified prior to its commercializing in the market and registered by through RACS Quality Certificates Issuing Services as ESMA Notified Body and SASO Certification Body (3rd Party CAB) by issuing certificates of conformity in accordance with Scheme Owner (ESMA/SASO) Regulations.

2. Definitions:

ESMA: Emirates Authority for Standardization and Metrology

SASO: Saudi Standards Metrology & Quality organization

RACS: RACS Quality Certificates Issuing Services

Scheme: Certification system related to specified products, to which the same specified requirements, specific rules and procedures apply.

Certification: Third-party attestation related to products, processes, systems or persons.

Notified Body: a conformity assessment body designated by ESMA to conduct conformity assessment process on products and processes in accordance with related schemes/standards/regulations mandated by ESMA.

Certification Body: a conformity assessment body designated by SASO to conduct conformity assessment process on products and processes in accordance with related schemes/standards/regulations according to SASO.

Conformity Certificate: Formal document issued by RACS as notified body under approval of ESMA and SASO stating that certification is being granted for the product/process in accordance with applicable scheme/standards as per ESMA and SASO Requirements.

3. Responsibility:

It is the responsibility of RACS as ESMA Notified Body and SASO Certification Body (3rd Party CAB) to establish and maintain the appropriate system to satisfy both SASO and clients requirements in accordance to the certification system mandated by SASO.

It is the responsibility of SASO clients and RACS clients to provide all needed requirements as per SASO Certification system to ensure their products compliance to the applicable schemes and standards.

4. Introduction about RACS Certification Body (3rd Party CAB) to provide Certification:

RACS is an accredited certification body & SASO approved Certification Body (3rd Party CAB). RACS is an authorized conformity assessment body by SASO that it is technically competent to perform the specific tasks of certification to SASO clients.

5. Service Type:

As per Scheme owner rules, RACS certifies Vehicle Spare Parts Products and issues Certificate of conformity under:

- **Product Certification:** Product Certification is a Product certification is being implemented by the (SASO) according to the Decree no. 6386 issued by the Trade and Industry Ministry of Saudi Arabia (MOCI), dated the 4th of August 2004.

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- Full Quality Assurance:** Conformity granted to the products that can demonstrate compliance with the relevant National Standards, Regional and/or International Standards and are manufactured by an organization implementing an effective Quality Management System to ensure continuous compliance. The process of achieving the license to use the Full Quality Assurance involves a comprehensive evaluation of the product as well as the quality system used by the manufacturer in production through testing, inspection. Full quality assurance is implemented according to Cabinet Resolution No. 216 of 2010, about Approval of the Law of the Saudi Arabian Specifications and Standards Authority.

Issuance of certificate of conformity by RACS as SASO's Certification Body (3rd Party CAB) assures the compliance of products/production process with the requirements of the approved schemes, standards and others specified in the technical regulation by Certification Body (3rd Party CAB) authorized by Saudi Standards Metrology & Quality Organization (SASO).

6. Scope of certified products by RACS – SASO Certification Body (3rd Party CAB):

This document cover Vehicle Spare Parts products with below details of Sector, scope of certified products, products categories, and applicable type of certification:

Sector (Product Group)	Scope of Certification (Scope of Products)	Product categories	Type of Certification
MECHANICAL	Vehicle Spare Parts Products	<ul style="list-style-type: none"> • Brake systems. • Brake pads • Car coolers • Seat belt • Rearview mirrors • Car batteries • Oil filters • Air filters • Laminated safety glass • Rims • Door locks and door hinges • Light reflectors • Alarm systems for buses and commercial vehicles • Relays and flashes 	1. Product Certification - Type Approval (Module B-ESMA)

7. Mandatory Schemes and Applicable Standards:

Decision No. 12 of 2018 on UAE Vehicle Control System SASO Scheme is not available as per the Scheme Owner, please refer to the related standards. If needed, Client refers to RACS to identify applicable Scheme and Standards. Also, Decree no. 6386 issued by the Trade and Industry Ministry of Saudi Arabia (MOCI), dated the 4th of August 2004. RACS Staff to refer to RACS/REC/79 Scope of Certified Products by RACS to identify Certification applicable schemes and standards.

8. Requirements for Certification:

Requirements varies depending on the scope of certified products; Details of the documents required for certification for the scope of Vehicle Spare Parts Product as per SASO/ESMA requirements are detailed as following:

- 8.1. Application for Certification (Application Form):** Application to be filled by the client will contain all the necessary information needed by RACS Quality for conducting the certification Process, such important information is:
- Type of Product to be certified: Product, facility (Process) to identify the related scheme implemented by SASO and ESMA.
 - Relevant standard/ or normative documents clients is seeking certification for.

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- General information: Applicant Business activities & related business facilities & relationship between their facilities, in relevance to the certification scheme applied for information about outsourced Processes relevant to Product conformity.
- Any other information needed related to certification requirements.

By signing the application form, the applicant and the manufacturer agrees to comply with these General Rules and with the Specific Product Standard for the product covered by Registration / CB Certification.

Application form also contain Self-assessment checklist which aligns all requirements of the specific standard to which client wishes to be certified and which must be submitted along with the application), as following:

Product Certification:

- Application form (Online).
- Valid Industry/Trade License (For Local Companies)
- Declaration of Conformity by the Applicant on the Product(s) for Registration using the Applicant's Official Letterhead
- Test Report from accredited and recognized laboratory as per the technical requirements mentioned under Annex attached in Cabinet Resolution No .12 for the year 2018

8.2. Legal Agreements:

- Certification Agreement
- Non-Disclosure Agreement

8.3. Fees as detailed in RACS Schedule of Fees (RACS/REC/46)

9. Certification Procedures:

9.1. Preparatory Steps:

- 9.1.1. Application Form shall be submitted by applicant to RACS, submission can be done via RACS affordable communication methods (mail, emails, hard copy, website, E-System)
- 9.1.2. Sales and Marketing Executive/Administrative assistant will review it to check documents availability on a primary basis
- 9.1.3. A quotation will be sent to applicant by Head of Sales and Marketing; containing the scope of certification and fees related to each step of the certification process.
- 9.1.4. Payment shall be done by applicant.

9.2. Application Review

- 9.2.1. Upon acceptance of quotation by client, he is requested to sign the General Conditions for Certification Services.
- 9.2.2. Application along with related supportive documents will be received by RACS Conformity Manager who shall assign one of RACS technical team members (Conformity Officer- (Evaluator or Auditor).

9.3. Application Evaluation

- 9.3.1. Conformity Officer (Evaluator or Auditor) shall perform conformity assessment (Evaluation) steps related to the certification scheme (Product Certification):

Product Certification:

- Detailed documents review for all the documents
- Document review includes the check up for Test Reports parameters and results, done by 3rd party Laboratory according to the specific technical regulations and applicable standards.
- Evaluation of product the eligibility of the Product for certification to assure compliance according to applicable schemes and standards

Note: No of Samples to be selected for testing is defined by the specific technical requirements and as per scheme owner

9.3.2. Evaluation Outcome results:

- If evaluation is pending for missing or invalid documents or other needed information to complete evaluation; Additional Supportive Documents will be requested by Applicant.
- Evaluation includes Product Safety Verification through test reports provided on all safety Test parameters requested by applicable scheme/standards, test reports shall be issued by 3rd party accredited Laboratory sub-contracted according to the approved Standards and applicable technical requirements.
- If test reports are not complying with Standards; Conformity Officer/Assessor requests rectification of the non-complying aspects, then based on applicant confirmation of rectification, Collection of samples will be done to conduct the same laboratory tests again and for once.
- Evaluation will be repeated upon applicant re-submission of needed documents/information.

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9.4. Decision of Certification: Upon submission of this information, and as per the result of documents review and completing product evaluation process,

9.4.1. Recommendation of approval of Product certification: Product evaluation shows full compliance with applicable schemes/standards:

- Application is initially approved by Conformity Officer/Assessor
- Recommendation for certification approval will be made by Conformity Manager
- Certification decision will be done by Decision Committee
- Granting the issuance of Certificate of conformity, recognized by SASO/ESMA
- Certified Products will be listed in RACS Certified Products registry.

9.4.2. Recommendation of rejection of Product certification: Product evaluation shows non-compliance with applicable schemes/standards, due to any reason preventing product from Certification:

- Application is declined by Conformity Officer/Assessor
- Recommendation for certification rejection will be made by Conformity Manager
- Rejection decision will be done by Decision Committee
- RACS will inform client by an Official rejection statement (Letter of certification Status) by e-mail stating the reason of rejection.

Please refer to Available on RACS Website→Publicly available information→ RACS Notified Body →Required Docs→

- **VSP/REC/01:** Application form- Vehicle Spare Parts
- **VSP/REC/02:** Legal & Quality Documents-List of certification requirements per related Scheme – Vehicle Spare Parts
- **RACS/Ag/01:** Certification Agreement/ RACS Quality- Client
- **RACS/Ag/03:** NDA/RACS Quality - Client/Subcontractor
- **RACS/Ag/10:** General Conditions for Certification Services

Notes for clients:

- For some scopes where it is required to have a quality system available, clients seeking to be certified for any of their (Products or services or facility/Process) to Schemes and applicable standards through RACS are requested to implement relevant Quality System including documentation in a way to meet all requirements of this standard and all relevant specific standards depending on the nature of service (certified Product& Process).
- In case of a Client newly operating, and seeking to be certified, Client is required to demonstrate more than 3 months' compliance against the standard immediately preceding the date of the Pre-Assessment performed by RACS. This will prove the efficacy and sustainability of the implemented system. After which RACS will be contacted to plan for required audits and Certification.
- Client seeking extension or renewal of Certification scope shall as well submit the Application form specifying the extension or renewal of the Certification scope.
- Whenever applicable, Additional Certification requirements per Certification schemes: Legal & Quality documents (such as Client Quality Manual) and supportive documents (records and checklists used by applicant), are to be attached to the Application form.

10. Renewal:

Product Certification:

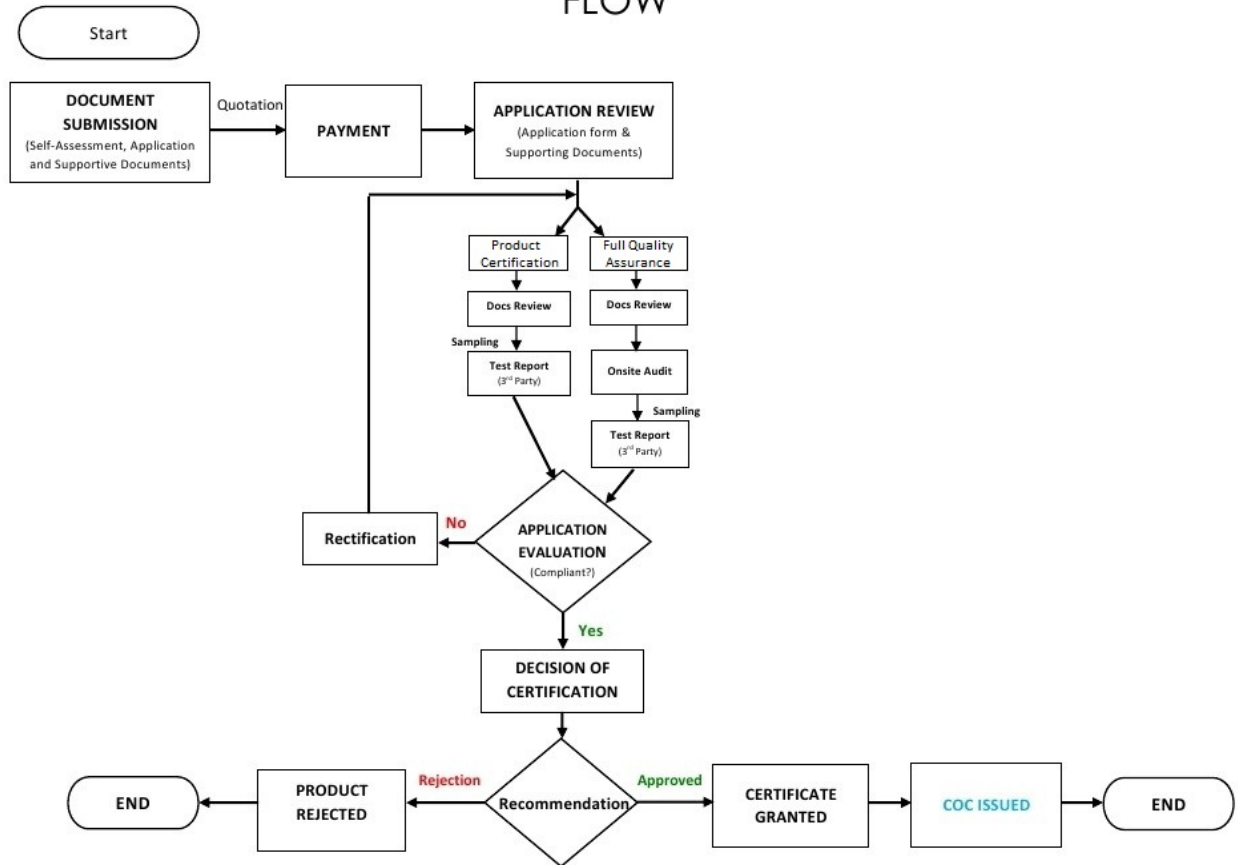
- Validity of certificate is one year,
- COC should be renewed 2 months prior expiry.

11. Process Map:

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CERTIFICATION PROCESS FLOW



12. Market Monitoring:

RACS Will be conducting Market Surveillance campaigns in the local markets to assure continuous compliance of certified products and inform Scheme owner on immediate basis on the non-conformity products to take the appropriate action.

13. Related Forms:

Listed Agreements, SOPs, Records related to the **SOP 45** as follows:

General Forms:

TITLE OF DOCUMENT	IDENTIFICATION
Quality Master List	RACS/REC/01
Certification Agreement/ RACS Quality- Client	RACS/AG/01
NDA/RACS Quality - Client/Subcontractor	RACS/AG/03
Scope of Certified Products	RACS/REC/79

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Schedule of Fees	RACS/REC/46
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Specific Records related to the Scope:

Application form- Vehicle Spare Parts	VSP/REC/01
Legal & Quality Documents-List of certification requirements per related Scheme – Vehicle Spare Parts	VSP/REC/02
Assessment Checklist-SASO 2260 Motor Vehicles	VSP/REC/04
Assessment Checklist-SASO-ISO-3536 Road vehicles -- Safety glazing materials	VSP/REC/05
Assessment Checklist-SASO-ISO-3917 Road vehicles -- Safety glazing materials -- Test methods for resistance to radiation, high temperature, humidity, fire and simulated weathering	VSP/REC/06
Assessment Checklist-SASO-ISO-15082 Road vehicles -- Tests for rigid plastic safety glazing materials	VSP/REC/07
Assessment Checklist- SASO-ISO-13837 Road vehicles -- Safety glazing materials -- Method for the determination of solar transmittance	VSP/REC/08
Assessment Checklist- SASO-ISO-3538 Road vehicles -- Safety glazing materials -- Test methods for optical properties	VSP/REC/09
Assessment Checklist- SASO 1438-Hydrometry -- Open channel flow measurement using thin-plate wires	VSP/REC/10
Assessment Checklist-SASO1553-Unalloyed copper containing not less than 99.90 % of copper-Determination of copper content -- Electrolytic method	VSP/REC/11
Assessment Checklist-SASO 82-Motor Vehicles - Engine Radiator	VSP/REC/12
Assessment Checklist- SASO 273-Motor Vehicles: front and rear exterior protection devices for passenger's cars (Bumpers etc.) and its methods of test.	VSP/REC/13
Assessment Checklist-SASO 442-Road vehicles - Sound signaling devices - Technical specifications.	VSP/REC/14
Assessment Checklist-SASO 526-Motor vehicles - Safety Belts.	VSP/REC/15
Assessment Checklist-SASO 769 Motor vehicles - door locks and door hinges.	VSP/REC/16
Assessment Checklist-SASO 770-Motor vehicles - Methods of testing of rear view mirrors.	VSP/REC/17
Assessment Checklist-SASO 932 Air Filters for internal Conduction Engines	VSP/REC/18

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Assessment Checklist- SASO 1444-Cruise Controller	VSP/REC/19
Assessment Checklist-SASO-ISO-15622-Intelligent transport systems -- Adaptive Cruise Control systems -- Performance requirements and test procedures	VSP/REC/20
Assessment Checklist SASO 2231-Motor vehicle-head lamp-performance requirements	VSP/REC/21
Assessment Checklist SASO 2209-Motor vehicles child restraint system	VSP/REC/22
Vehicles Spare Parts-Product Certificate Template	VSP/REC/23
Vehicles Spare Parts-Facility Certificate Template	VSP/REC/24
Assessment Checklist- GSO 35:2007 - Methods of test for lead-acid starter batteries used for motor vehicles and internal combustion engines	VSP/REC/25
Assessment Checklist- GSO 422:2005 - Motor Vehicles Rear View Mirrors	VSP/REC/26
Assessment Checklist- GSO 565:1994 - Air Filters for Motor Vehicles	VSP/REC/27
Assessment Checklist- GSO 1677:2003 - Motor Vehicles: Laminated Safety Glass	VSP/REC/28
Assessment Checklist-GSO 1712:2011 - Motor Vehicles Spare Parts: General Requirements	VSP/REC/29
Assessment Checklist-UAE.S GSO 34:2007 - Lead-Acid Starter Batteries used for Motor Car & Internal combustion Engines	VSP/REC/30
Assessment Checklist-UAE.S GSO 136:2007 - Motor Vehicles Engine Radiators	VSP/REC/31
Assessment Checklist-UAE.S GSO 419:1994 - Motor vehicles methods of test for door locks and door hinges	VSP/REC/32
Assessment Checklist-UAE.S GSO 1605:2002 - Full Flow Lubricating Oil Filters for Internal Combustion Engines Dimensions	VSP/REC/33

14. References:

General Requirements for SASO Certification Body (3rd Party CAB) –SASO Document.

Requirements for Registration –SASO Documents-Available in SASO website and RACS website and upon request by RACS Staff.

- ISO/IEC 17065, Conformity Assessment - Requirements for bodies certifying Products, Processes and services.
- ISO/IEC 17021, Conformity Assessment — Requirements for bodies Providing audit and Certification of management systems.
- ISO 9001:2015 Quality Management Systems
- GAC Document: FAD- 4.0: Supplementary accreditation requirements for Product Certification Bodies.
- R307: General Requirements Accreditation of ISO /IEC 17065 Product Certification Bodies
- IAF Mandatory Document: Determination of Audit Time of Quality and Environmental Management System.

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- ISO/IEC 17000, Conformity Assessment — Vocabulary and general principles.
- ISO/IEC 17020, Conformity Assessment— Requirements for the operation of various types of bodies performing inspection.
- ISO/IEC 17025, General requirements for the competence of testing and calibration laboratories.
- ISO17067, in combination with ISO Guide 28 and ISO Guide 53
- ISO/IEC 17030, Conformity Assessment — General requirements for third-party marks of conformity.
- ISO Guide 23:1982 Methods of indicating conformity with Standards for third-Party certification Systems
- ISO Guide 27:1983 Guidelines for corrective action to be taken by a certification body in the event of misuse of its mark of conformity
- General Requirements for Notified Bodies issued by Emirates Authority for Standardization and Metrology (ESMA).
- RACS Quality Manual RACS/QM/01
- All controlled QMS records-Please refer to RACS/REC/01-Quality Master List
- Decision No. 12 of 2018 on UAE Vehicle Control System

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