SIRIM QAS International Sdn. Bhd.

GULF CONFORMITY MARKING SCHEME ("G-MARK SCHEME")

INTRODUCTION

A manufacturer or company may apply to SIRIM QAS International for a certification of product against requirements of a recognised standard. Products manufactured according to Gulf standards (GSO) are eligible for joining the Gulf Conformity Marking scheme ("G-Mark Scheme).

SIRIM QAS International can prepare you for success with the required testing, certifications, risk analysis reports, technical files, and Certificates of Conformity where needed.

Participation in this Scheme is mandatory under the General Product Safety Regulation (BD-09100504) which stipulates mandatory safety compliance requirements for products manufactured or imported to the Member States of the Cooperation Council for the Arab States of Gulf (GCC) which currently includes United Arab Emirates, Kingdom of Bahrain, Kingdom of Saudi Arabia, Sultanate of Oman, State of Qatar, State of Kuwait and Republic of Yemen. Examples of products are household appliances, plugs, socket outlets, chargers, refrigerators, washing machines, fans and other similar products.

For the purposes of harmonization, the G marking requirement as with other regulatory and safety requirements defined in schemes or programs from other international or national organizations, the G Marking program and process is similar in design to the regulatory programs operated out of Europe such as the mandatory CE marking process which follows the new approach directive principals, being, a mandatory modular route for product conformity for Type certification is via an accredited and appointed Notified Body. (Accreditation by the Gulf Accreditation Centre – GAC)

G MARKING GUIDE

A full list of GSO GCC Gulf Technical Regulations and Guidance Documents (Issued to date) can be found at:
https://www.gso.org.sa

Gulf Technical Regulations and Guideline documents associated with the "G" Marking of Electrical Products are:

- Gulf Regulation on G Marking – BD09100501
- GSO Guide on Modules of Conformity Assessment - BD09100503
- General Product Safety Regulation - BD09100504
- Gulf Technical Regulation for Low Voltage Electrical Equipment and Appliances - BD-142004-01
- List No. (2): TC143307-01 Electrical equipment and appliances subjected to CAP in Annex (4) of LV TR

CONFORMITY VERIFICATION

The proof of conformity with specific requirements in regards to a product, operation, system, person or authority.

As an officially-registered GSO notified body, SIRIM QAS International can verify that your product fulfils all safety, essential, legal requirements, conformity and compliance with the national requirements of the Gulf States.

The technical regulation for the GCC, a required document issued by the standardization organization to determine the principal requirements for a specific category of products, and the necessary procedures of conformity verification to ensure conformity with the provided principal requirements in order to place the conformity marking of the GCC thereof, and might be indicated as the technical regulation.

APPLICATION PROCEDURE

Upon enquiry, the client will be given an information package, which he/she has to complete and submit to SIRIM QAS International for a quotation to be issued.

a) The Application form (GCC/FOR/01-1)
b) Certification Checklist (GCC/FOR/01-2)
c) Declaration of Conformity Assessment Procedure (GCC/FOR/01-3)
d) Declaration of Similar model(s) not been applied with any other Notified body (GCC/FOR/01-4)
e) Declaration of Conformity Derived model(s) (GCC/FOR/01- 5)
f) Declaration of Approval for Trade Mark (GCC/FOR/01-6 & GCC/FOR/01-6.1)
g) Manufacturer Declaration of Conformity or Importer Declaration of conformity (GCC/FOR/01-7 or GCC/FOR/01-8)
h) Declaration of Address(es) of Warehouse(s) (GCC/FOR/01-9)
i) Relevant Safety, EMC and EE test reports of the product
j) Copy of Trademark Registration
k) Manufacturer Risk Assessment
l) Instruction manual of product (in English and Arabic)
m) Quality management system certificate to ISO 9001
n) The full specifications of the product, including dimensioned drawings, materials, components, photographs, finishes, performance characteristics, labels used and installation instructions;
o) Payment for amount to be remitted upon application;

TECHNICAL DOCUMENTATION

1) A general description of electrical equipment;
2) A product detailed which includes design drawing, a list of components, materials, sub-assemblies and circuits used in the electrical equipment;
3) The addresses of the places of manufacture (i.e. manufacturer, distributor or importer) of electrical equipment;
4) In the event of Gulf Technical Regulations in force where those Gulf or IEC Standards have not been applied, an additional requirements shall be included in the technical document.
5) A copy of the Gulf-type examination certificate and a description of the solutions adopted by the Manufacturer to ensure the conformity of the production with the type specified in the Gulf-type examination certificate, and copies of documents sent by the Manufacturer to the Notified Body.
6) Results of design calculations made, examinations carried out, etc.;

7) A description of other conformity assessment procedure followed, if applicable.
8) Adequate analysis assessment of the risk shall be submitted.
9) Test Report

The flow chart showing the procedure for obtaining the G Marking for Gulf States is as shown in **Annex 1.**

ACCEPTANCE OF TEST REPORT

Test Reports shall be issued by any of the following laboratories:-

1) SIRIM QAS International Sdn. Bhd. (SIRIM), Malaysia; or
2) Laboratories under the IECEE CB Scheme. The list of the laboratories is available from the website **http://www.cbscheme.org**. The CB test report needs to be accompanied by a CB test certificate; or
3) In-house laboratories belonging to the Manufacturer, in accordance with Article (22) of Gulf Technical Regulation (BD-142004-01); or
4) Laboratories of other Notified Body. The complete listing of Notified Bodies can be found from the website **https://www.gso.org.sa/nb/**

TEST REPORTS FOR PLUGS, SOCKETS AND CORD EXTENSION SET

SIRIM QAS International may outsource test for plugs, sockets and cord extension set if the applicants submitted applications without an acceptable test report. Testing for plugs, sockets and cord extension sets will be outsourced to the following laboratories:

1) TÜV SÜD PSB Pte Ltd, Singapore
2) Intertek Testing Services (Singapore) Pte Ltd

CRITERIA FOR AWARD OF CERTIFICATE

The following criteria are used by SIRIM QAS International Sdn. Bhd. in assessing the applicant for the award of the G-mark:

a) the product must **fully comply with the applicable** requirements of the standard;
b) the applicant's production site must have an acceptable quality system to verify the product to the required standard;
c) the applicant's production site must demonstrate the capability to comply with the G-Mark Requirements as specified in the Gulf Technical Regulations and Guides.

SUSPENSION / REVOCATION

A certificate may be suspended for a limited period, leading to termination of certification for misuse of the Gulf Mark for example, but not limited to: (Full terms can be found in the Certification Agreement, these terms are accepted on signing the Certification Application Form) in either of the following cases:

a) if the retest indicate non-conformance with the requirements of such a nature that immediate revocation is not necessary;
b) if a case of improper use of the license or the G-Mark, e.g. misleading prints or advertisement is not solved by suitable retractions and appropriate remedial measures by the licensee;
c) if there has been any other contravention to the G-Mark Agreement, or the applicable product standard(s);
d) if the licensee fails to comply with the due settlement of his financial obligation;

APPEALS AND DISPUTES

SIRIM QAS International has a procedure on appeals and disputes, which may be made available upon request. Appeals on revocations / withdrawals may be made within 6 months from the date of termination.

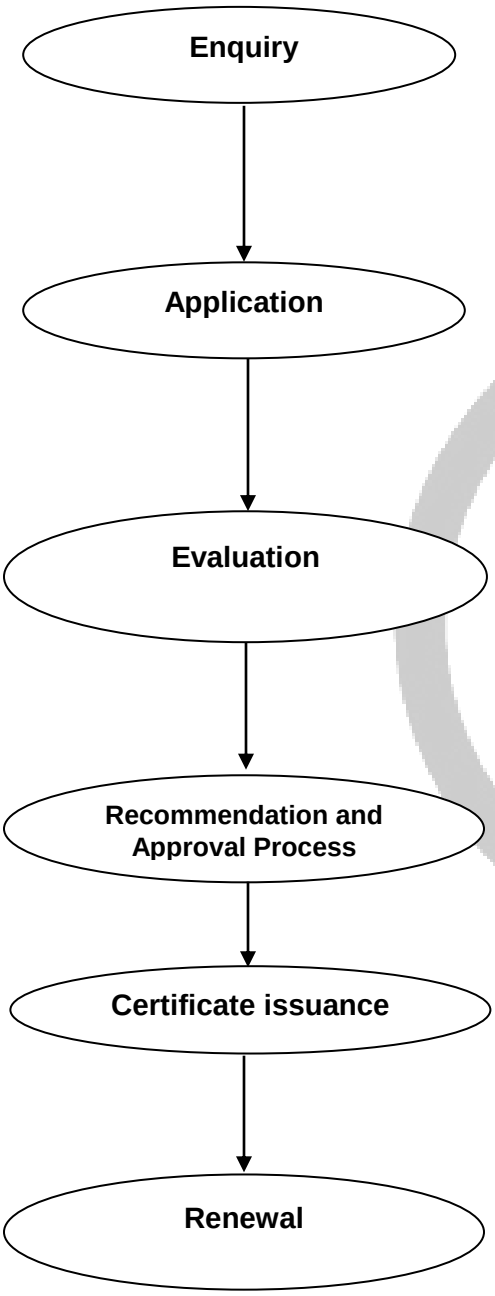
G-MARK

Used on products complying to the Technical Regulations and Guides.
Example of G-Mark;



Annex 1

G-MARK CERTIFICATION FLOW CHART



Action

- Information supplied to client
- G-Mark application and checklist
- Feasibility for certification examined with respect to standards, testing and evaluation.
- A quotation is issued to applicant based on information provided.

- Application form (GCC/FOR/01-1) and other application package + Copy of registration Trademark (GCC/FOR/01-6) + accompanying product information + fees + test report (if available).

- Standard / Product design evaluation
- Inspection conducted to examine safety, EE and EMC test report adequacy, design and record-keeping system.
- Samples selection and verification (if necessary).

- Certificate preparation and recommendation for approval

- Approval by Head of Section

- New test report shall be provided and reviewed against the previous technical file to ensure that the Essential Requirements and EMC are still being met (One(1) sample is required for verification (if necessary)).
- Approval for renewal on satisfactory verification reports.
- Payment of renewal fees.