

CDT

**GCC Standardization Organisation
GSO**

**Gulf Technical Regulation for Prohibition of Hazardous
Substances in Electrical and Electronic Equipment**

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Introduction

1. Based on the objectives of the Gulf Cooperation Council (GCC) aiming at the achievement of integration and interdependence between the Member States in order to reach their unity in all fields, in line with the objectives of the new unified economic agreement between the GCC States that laid the foundations for the GCC common market to develop common action between the GCC States, and mark the steps of economic integration starting with the creation of a free trade zone, followed by a customs union, and subsequently the completion of GCC common market requirements, and ultimately the economic and monetary union as well as the standardization of business, industrial and customs legislation applicable in the Member States;
2. In order to achieve the GCC objectives, beginning with the establishment of the Gulf Standardization Organisation (GSO); to promote the economic integration, along with the customs union requirements, including the unification of standards and metrology in the Member States; to ensure the safety and quality of the goods entering the GCC markets for the interest of their citizens, to streamline various standardization activities and to follow up their application and to comply therewith in order to contribute to the development of their production and service sectors, the development of GCC intra-trade, the protection of consumers, environment and public health, the promotion of GCC industries to bolster GCC economy and maintain and preserve the gains of GCC States, and the reduction of technical barriers to trade (TBT) in line with the goals of the customs union and the GCC States' concessions to the World Trade Organisation (WTO);
3. Under the resolutions of the GCC Financial Economic and Cooperation Committee in its 72nd session (4-5 November 2006) "urging GSO to complete its efforts in setting unified procedures to apply GSO Standards in GCC countries collectively; these standards shall be implemented uniformly in the first port of entry in support of the application in due time of the requirements of the Customs Union and facilitate the flow of goods"
4. In accordance with the resolution of the GSO Board of Directors in its 6th session (5 June 2007) approving commencement of the implementation of the recommendations of the project intended to develop compliance verifications in GCC States, under the Regional Conformity Assessment Scheme (RCAS) including "adoption of the concept that obligations should be based on the primary requirements of the product (safety, health and environment) as a basis for setting the new GCC approach to legislative obligations";
5. In accordance with the resolution of GSO Board of Directors in its 11th session (Doha, 22 November 2009) announcing the official accession of the Republic of Yemen to the GCC Standardization Organisation starting from 1 January 2010, pursuant to the decision of the GCC Supreme Council in its 29th session (Muscat, 30 December 2008);
6. Whereas the Laws and Regulations and control procedures applicable in the Member States on safety features of the Electrical and Electronic Equipment vary in scope and content leading to barriers to trade and differences in tender conditions in the intended GCC common market,

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without tangible return of these differences on customer protection against the hazards that may arise from these products;

7. Whereas barriers to the intended GCC common market should be removed to allow the marketing of safe products with sufficient safety;
8. Whereas consistency and adaptation should be achieved through specifying the basic requirements and the unified rules between the GCC Member States regarding consumer health and safety required in Low-Voltage Electrical and Electronic Equipment to allow its marketing and its free movement across the customs union territory;
9. Whereas the Low-Voltage Electrical and Electronic Equipment placed on the intended common market should not cause harm to the direct user or the surrounding environment;
Whereas the safety of Low-Voltage Electrical and Electronic Equipment should be determined by reference to its intended use, it should allow higher limits to cover any unseen conditions taking into account consumers' behaviour;
10. Whereas, any Electrical and Electronic Equipment placed on the market must be safe for human health when used in normal or reasonably foreseeable conditions of use;
11. Whereas, GSO is entrusted with development, approval, updating and publishing of Gulf Technical Regulations and Standards together with procedures of GCC compliance verification for commodities, products, measurement and calibration instruments, definitions, technical symbols and terminology, and requirements of sampling, inspection, testing and calibration in accordance with the executive bylaws issued thereof;
12. This Regulation related to Low-Voltage Equipment has been issued stating the primary requirements to be met in Low-Voltage Equipment manufactured locally or imported to or from any of the GCC States. Any of these products shall be allowed to be freely distributed in GCC Member States' markets without impediment in custom ports as far as they comply with the requirements of this Technical Regulation.

Note: This introduction and all annexes form an integral part of this Regulation.

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CHAPTER I

GENERAL PROVISIONS

ARTICLE (1): DEFINITIONS

According to the provisions of this Regulation, the following words and phrases shall have the meanings assigned to each of them, unless the context requires otherwise: -

1. **Cooperation Council:** Cooperation Council for the Arab States of the Gulf.
2. **Organisation:** Standardization Organisation for the Cooperation Council for the Arab States of the Gulf (GSO).
3. **Member States:** Member States of the Standardization Organisation for the Cooperation Council for the Arab States of the Gulf (United Arab Emirates, Kingdom of Bahrain, Kingdom of Saudi Arabia, Sultanate of Oman, State of Qatar, State of Kuwait and Republic of Yemen).
4. **Board of Directors:** Organisation's Board of Directors.
5. **Technical Council:** Organisation's Technical Council.
6. **Gulf Committee of Conformity Assessment:** The committee supervising the process of issuing the technical regulations of the Gulf; it includes in its membership representatives of the national standardization bodies in the Member States; these representatives are experts in the matters of conformity or application of standards.
7. **General Committee for Standards:** The Committee supervising the process of issuing Standards and the activities of the Technical Committees of Standards in the Organisation; it has in its Membership directors of national Standards Departments in the National Standardization Bodies of the Member States.
8. **Gulf Accreditation Centre:** Accreditation Centre for the GCC States.
9. **Gulf Conformity Marking:** Is a specific marking of the Cooperation Council for the Arab States of the Gulf which is affixed to the products according to the requirements of the Gulf Technical Regulations concerning the Gulf Conformity Marking.
10. **Gulf Conformity Tracking System:** An electronic tracking system for products subject to the Gulf Technical Regulations.
11. **Quick Response (QR) Code:** A code granted by the Organisation, consisting of black units arranged in a square grid on a white background, which enables the storage of a large amount of information that can be read by a device with an information application to read this type of code (such as smart devices, cameras, etc.).
12. **Manufacturer:** Any natural or legal person who manufactures Electrical and Electronic Equipment or assigns its design or manufacturing to another natural or legal person and then markets the same under his name or trademark.

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13. **Authorized Representative:** Any natural or legal person who is located within a Member State, having a notarized power of attorney to represent him in the performance of specific tasks.
14. **Importer:** Any natural or legal person who is located within a Member State, making available on the market Electrical and Electronic Equipment imported from outside the Member States.
15. **Distributor:** Any natural or legal person in the supply chain, other than the Manufacturer or the Importer, who makes Electrical and Electronic Equipment available on the market.
16. **Economic Operator:** The Manufacturer, the Authorized Representative, the Importer or the Distributor.
17. **Supply to the market:** Any supply of the product for the purpose of distribution, consumption or use in the Member States in the context of a business, with or without compensation.
18. **Market Offering:** The first offering of the product on the Member States' market, done by either the Manufacturer or the Importer.
19. **Supply Chain:** All the stages of the Electrical and Electronic Equipment after the production and right up to the final consumer (including import and storage operations and wholesale and retail and delivery).
20. **Withdrawal:** An action aimed at preventing Electrical and Electronic Equipment in the supply chain from being placed on the market.
21. **Recall:** An action aimed at achieving the return of Electrical and Electronic Equipment that has already been offered to the end user.
22. **Conformity:** Means that specified requirements relating to a product, service, process, system, person or body are fulfilled. These requirements are imposed by Gulf Standards or Technical Regulations, contractual clauses, customer, etc.
23. **Conformity Assessment:** Means that the process demonstrating whether specified requirements relating to a product, process, system, person or entity have been met.
24. **Conformity Assessment Bodies:** Bodies that perform conformity assessment activities, including calibration, testing, certification and inspection.
25. **Accepted Conformity Assessment Body:** The Conformity Assessment Body designated by the Organisation as an eligible body for conformity assessment in a particular area, in accordance with the applicable GCC technical regulations.
26. **Gulf Procedures for Conformity Assessment:** A document approved by the Board of Directors, which describes the procedures used directly or indirectly for the Conformity Assessment.
27. **Preventive Principle:** The principle that gives Member States the right to take protective and preventive measures on the basis of available information in the absence of sufficient scientific evidence that the product is unsafe, provided that the State seeks additional information necessary for the objective assessment of the source of the hazard in the product.
28. **National Legislation:** A mandatory document issued by the competent authorities of any Member State specifying the basic requirements of a product or a specific category of products.
29. **Accreditation:** A third-party attestation certifying that a particular Conformity Assessment Body is competent to carry out specific Conformity Assessment activities.

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30. **Gulf Standards:** A document approved by the Board of Directors that provides - for voluntary, regular and frequent use - the rules and instructions or characteristics of the products or relevant processes and production methods, and includes in particular terminology and definitions, packaging and labelling requirements or labels that apply to the products or services, processes or production methods.
31. **Gulf Technical Regulation:** A document approved by the Board of Directors that provides the characteristics of the product, the related processes and the production methods, and includes the administrative provisions in force, the compliance with these provisions being mandatory. It could include in particular terminology and definitions, packaging and labelling requirements or labels that apply to the products or services, processes or production methods.
32. **Prerequisites:** Product specific requirements that may affect safety, health and the environment, which must be adhered to.
33. **Competent National Authorities:** Entities authorized by national governments of the Member States to apply some or all of the provisions of this Regulation.
34. **Market Surveillance:** Activities and measures taken by market surveillance authorities to verify that the products meet the requirements of the relevant Gulf Technical Regulations and do not constitute a hazard to health, safety and the environment or any other aspect of the protection of the public interest.
35. **Market Surveillance Authority:** Entity designated by each Member State as a competent authority responsible for carrying out market surveillance on its territory. Member States may designate more than one entity for this purpose.
36. **Clearance Authority:** Government bodies in the Member States responsible for customs clearance of products at importation.
37. **Electrical and Electronic Equipment:** Equipment approved (in at least one of its functions) as operating correctly on electrical and electromagnetic currents; generating, transmitting and measuring equipment of these currents and fields designed to operate with rated voltage not exceeding 1,000 V for alternative current and 1,500 V for direct current.
38. **Large-scale Fixed Industrial Equipment:** A set of large-scale machines, equipment and/or components/parts that operate as a whole on a specific application, which are permanently installed or fixed in a particular location by professionals and are used and maintained by professionals in a manufacturing, research or development facility.
39. **Large-scale Fixed Equipment:** A combination of several types of equipment and other tools as required, which are assembled and installed by professionals and designed for permanent use at a predefined particular site, fixed by professionals.
40. **Cables:** All rated cables for a voltage not exceeding 250 V which are used to connect Electrical and Electronic Equipment to electrical outlets or to connect such equipment to each other.
41. **Homogeneous Substance:** A substance of uniform component in its entirety, or a substance consisting of a combination of materials that cannot be disassembled or separated into different substances by mechanical actions, such as disassembly, cutting, crushing, milling or abrasive operations.

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42. **Industrial Control and Surveillance Tools:** Control and surveillance tools designed exclusively for industrial and professional use.
43. **Availability of Alternative:** The possibility to manufacture and deliver an alternative within a reasonable period of time in relation to the time required to manufacture and deliver the materials listed in Annex (2).
44. **Spare Part:** a separate piece of Electrical or Electronic Equipment that can replace an original part so that the device cannot function as intended without that piece. The functionality of the equipment is restored or upgraded when the original part is replaced with the spare part.
45. **Off-road machines available exclusively for professional use:** Machines that have energy source on board and which require continuous or semi-continuous movement between fixed and successive work locations, which are available for professional use only.
46. **Hazard(s):** Potential source of damage.
47. **Risk(s):** The possibility of a risk of damage that may be associated with the severity of the damage.

ARTICLE (2): SCOPE & OBJECTIVE

This Gulf Technical Regulation sets forth rules for the prohibition of hazardous substances in Electrical and Electronic Equipment in order to contribute to the protection of human health and the environment, including environmental recycling and the proper disposal of waste of the Electrical and Electronic Equipment.

The provisions of this Regulation shall apply to all Electrical and Electronic Equipment specified in Annex (1), with the exception of Equipment in any of the uses specified in Annex (3) and Annex (4).

ARTICLE (3): RELEASE ONTO THE MARKET AND SAFETY OBJECTIVES

Member States shall ensure that all categories of the Electrical and Electronic Equipment specified in Annex (1) to be released onto the market as of 22 July 2017 (including Cables and Spare Parts necessary for repairing, reusing, updating or upgrading) do not exceed the maximum concentration values (in weight) specified in Annex (2) in the Homogenous Substances used therein, taking into account the coating materials.

ARTICLE (4): FREE MOVEMENT

Member States shall take all necessary measures to ensure the free movement of Electrical and Electronic Equipment, complying with the requirements of this Regulation, on the markets of the Member States.

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CHAPTER II

OBLIGATIONS OF ECONOMIC OPERATORS

ARTICLE (5): OBLIGATIONS OF THE MANUFACTURER

1. The Manufacturer shall place on the market only Electrical and Electronic Equipment conforming to the requirements of this Technical Regulation.
2. When placing on the market Electrical and Electronic Equipment, the Manufacturer shall ensure that it has been designed and manufactured according to the requirements set out in Article (3).
3. The Manufacturer shall carry out the applicable Risk Analysis in accordance with Article (15) and shall provide the necessary evidence thereon.
4. The Manufacturer shall carry out the applicable Conformity Assessment according to Article (15) and shall provide the necessary evidence thereon.
5. Where compliance of the Electrical and Electronic Equipment with the requirements referred to in paragraph (3) of this Article is demonstrated, the Manufacturer shall draw up a Manufacturer's Declaration of Conformity, as referred to in paragraph (1) of Article (13) hereof.
6. The Manufacturer's Declaration of Conformity shall be kept for a period of ten (10) years after the Electrical and Electronic Equipment have been placed on the market.
7. The Manufacturer shall comply with the GSO's Gulf Conformity Tracking System and provide all necessary information about the products and suppliers and the corresponding Conformity Assessment procedures in accordance with Article (14).
8. The Manufacturer shall ensure that the necessary procedures are implemented to ensure the continuity of conformity for the serial production of the Electrical and Electronic Equipment. The Manufacturer shall also take into account any change in the design or characteristics of the Electrical and Electronic Equipment or in the GSO's Standards or the technical specifications upon which the conformity of the Electrical and Electronic Equipment is approved.
9. When deemed appropriate with regard to the risk exposure presented by the Electrical and Electronic Equipment, the Manufacturer shall, to protect the health and safety of consumers and the environment, carry out sample testing of marketed Electrical and Electronic Equipment, investigate, and, if necessary, keep a register of Claims relating to non-conforming Electrical and Electronic Equipment and Recalls, and shall keep the Distributors informed of any such consequences thereof.
10. The Manufacturer shall ensure that the Electrical and Electronic Equipment bear a type number, and batch or serial number or other element allowing their identification, except, where the size or nature of the Electrical and Electronic Equipment prevents doing so. In addition, the required information shall be provided on the packaging of the Electrical and Electronic Equipment or its accompanying notices.

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11. The Manufacturer shall indicate his registered trademark on the Electrical and Electronic Equipment. In addition, he shall indicate on the Electrical and Electronic Equipment, his name or registered trade name, and the address at which he can be contacted, except when it would not be possible. All the required information shall be provided on the packaging of the Electrical and Electronic Equipment or its accompanying notices.
12. The Manufacturer shall ensure that the Electrical and Electronic Equipment is accompanied with safety information in Arabic, and that the instructions for use are provided in Arabic.
13. A Manufacturer, who considers or has any reason to believe that the Electrical and Electronic Equipment, which he has placed on the market, is not conforming to the Gulf Technical Regulations in force, shall immediately take the corrective measures necessary to make the Electrical and Electronic Equipment compliant, or to withdraw or recall it, whichever is appropriate. Should the Electrical and Electronic Equipment present any risk, the Manufacturer shall immediately inform the competent National Authorities of the Member States in which the Electrical and Electronic Equipment was made available, giving details, in particular, of the non-compliance and of any corrective measures taken in this regard.
14. The Manufacturer shall, upon request from the competent National Authorities in the Member States, provide those authorities with all the information and documentation necessary to demonstrate the conformity of the Electrical and Electronic Equipment, in Arabic and if this is not possible, documents in English may be submitted.
15. The Manufacturer shall co-operate with the competent National Authorities in the Member States, whenever they request to be informed of the actions taken to remove the risks posed by the Electrical and Electronic Equipment, placed on the market by the Manufacturer.

ARTICLE (6): OBLIGATIONS OF THE AUTHORIZED REPRESENTATIVE

1. The Manufacturer may appoint an Authorized Representative, by written power of attorney.
2. The obligations laid down in Article 8(2) and the drawing up of technical documentation shall not form part of the Authorized Representative's power of attorney.
3. The Authorized Representative shall perform the tasks specified in the power of attorney obtained from the Manufacturer. The power of attorney shall allow the Authorized Representative to do at least the following: -
 - a. keep at the disposal of the competent National Authorities the Manufacturer's Declaration of Conformity and the Technical Documentation for a period of 10 years after the product has been placed on the market;
 - b. upon a reasoned request from the competent National Authorities, provide those authorities with all the information and documentation necessary to demonstrate the conformity of the Electrical and Electronic Equipment;
 - c. co-operate with the Competent National Authorities, at their request, on any action taken to remove the risks posed by the Electrical and Electronic Equipment covered by the power of attorney.

ARTICLE (7): OBLIGATIONS OF THE IMPORTER

1. The Importer shall place on the market only Electrical and Electronic Equipment conforming to the requirements of this Technical Regulation.
2. The Importer shall ensure that the appropriate Conformity Assessment procedures are carried out by the Manufacturer and shall provide the necessary evidence thereof.
3. The Importer shall ensure that the Electrical and Electronic Equipment bears the Gulf Conformity Marking and comes with the required documents, and that the Manufacturer has complied with the requirements set out in paragraphs (10) and (11) of Article (5).
4. The Importer shall draw up a written Declaration of Conformity for the Electrical and Electronic Equipment in accordance with paragraph (2) of Article (13).
5. Where an Importer considers or has any reason to believe that the Electrical and Electronic Equipment is not in conforming with the requirements set out in Article (3), he shall not place on the market the Electrical and Electronic Equipment until it is brought into conformity. Furthermore, where the Electrical and Electronic Equipment presents a risk, the Importer shall inform the Manufacturer and the Market Surveillance Authorities to that effect.
6. The Importer shall indicate his name or his registered trade name, and the address at which he can be contacted, on the Electrical and Electronic Equipment or on its packaging or in documents or notices accompanying the Electrical and Electronic Equipment, and these shall be in Arabic or English or both.
7. The Importer shall ensure that the Electrical and Electronic Equipment is accompanied by safety information in the Arabic language and that the instructions for use are provided in the Arabic language.
8. When deemed appropriate with regard to the risk exposure presented by the Electrical and Electronic Equipment, the Importer shall, to protect the health and safety of consumers and the environment, carry out sample testing of marketed Electrical and Electronic Equipment, investigate, and, if necessary, keep a register of claims relating to non-conforming Electrical and Electronic Equipment or recalls, and shall keep the Distributors informed of any such monitoring.
9. The Importer, who considers or has any reason to believe that the Electrical and Electronic Equipment, which he has placed on the market, is not in conforming to the Gulf Technical Regulation in force, shall immediately take the corrective measures necessary to make the Electrical and Electronic Equipment conform, or withdraw or recall it, whichever appropriate. Where the Electrical and Electronic Equipment presents any risk, the Importer shall immediately inform the competent National Authorities of the Member States, in which markets such Electrical and Electronic Equipment was offered, of such risk, giving details, in particular, the details relating to the non-compliance and of any corrective measures taken in this regard.
10. The Importer shall, for a period of ten (10) years after the Electrical and Electronic Equipment is placed on the market, keep copies of the Manufacturer's Declaration of Conformity and the Importer's Declaration of Conformity at the disposal of the competent National Authorities. The

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Importer shall ensure the provision of technical documentation to the competent National Authorities, upon request, for a period of ten (10) years.

11. The Importer shall, upon request from the competent National Authorities in the Member States, provide those authorities with all the information and documentation necessary to demonstrate the conformity of the Electrical and Electronic Equipment, in the Arabic language, and if this is not possible, documents in English can be submitted.
12. The Importer shall co-operate with the competent National Authorities in the Member States, whenever they request to be informed of the actions taken to remove the risks posed by the Electrical and Electronic Equipment placed by the Manufacturer on the market.

ARTICLE (8): OBLIGATIONS OF THE DISTRIBUTOR

1. The Distributor shall make available on the market only Electrical and Electronic Equipment conforming to the requirements of this Technical Regulation.
2. Before releasing onto the market the Electrical and Electronic Equipment, the Distributor shall verify that the Electrical and Electronic Equipment bears the Gulf Conformity Marking and comes with the safety information in the Arabic language on the required accompanying documents, that the instructions for use are provided in the Arabic language, and that the Manufacturer and the Importer have complied with the requirements set out in paragraphs (10) and (11) of Article (5) and paragraph (6) of Article (7) hereof.
3. Where a Distributor considers or has any reason to believe that the Electrical and Electronic Equipment is not in conformity with the requirements set out in Articles (4) and (6) and Annex (1), he shall not place on the market the Electrical and Electronic Equipment until it is brought into conformity. Furthermore, where the Electrical and Electronic Equipment presents any risk, the Distributor shall inform the Manufacturer or the Importer of such risk as well as the Market Surveillance Authorities.
4. The Distributor who considers or has any reason to believe that the Electrical and Electronic Equipment, which he has placed on the market, is not conforming to the Gulf Technical Regulation in force, shall make sure that the corrective measures necessary to bring such Electrical and Electronic Equipment into conformity are taken, to withdraw it or recall it, whatever appropriate. Furthermore, where the Electrical and Electronic Equipment presents some risk, the Distributor shall immediately inform the competent National Authorities of the Member States in which he made the Electrical and Electronic Equipment available, of such risk, giving details, in particular, of the non-compliance and of any corrective measures taken in this regard.
5. The Distributor shall, upon request from a competent National Authorities in the Member States, provide those authorities with all the information and documentation necessary to demonstrate the conformity of the Electrical and Electronic Equipment. The Distributor shall co-operate with those authorities, at their request, on any action taken to remove the risks posed by the Electrical and Electronic Equipment, which he has placed on the market.

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ARTICLE (9): CASES IN WHICH OBLIGATIONS OF THE MANUFACTURER APPLY TO THE IMPORTER AND THE DISTRIBUTOR

For the purposes of this Technical Regulation, an Importer or Distributor of Electrical and Electronic Equipment shall be considered a Manufacturer and shall be subject to the obligations of the Manufacturer under Article (5) hereof, should he place an Electrical and Electronic Equipment on the market under his own name or trademark or modify any Electrical and Electronic Equipment already placed on the market in such a way that compliance with the applicable requirements may be affected.

CHAPTER III

CONFORMITY OF ELECTRICAL AND ELECTRONIC EQUIPMENT

ARTICLE (10): PRESUMPTION OF CONFORMITY WITH GULF STANDARDS

The Electrical and Electronic Equipment that have been proved to comply with the requirements of Article (3) using the methods of tests, measurements or assessment contained in the relevant GSO Standards shall be deemed compliant with the requirements of this Regulation.

Refer to the Organisation’s website for a list of applicable Gulf Standards.

ARTICLE (11): PRESUMPTION OF CONFORMITY WITH INTERNATIONAL STANDARDS

Where the Gulf Standards referred to in Article (10) are not issued or published, the Electrical and Electronic Equipment that have been proved to comply with the requirements in Article (3) using the methods of tests, measurements or assessment contained in the International Standards (ISO) or IEC shall be deemed to be compliant with the requirements of this Regulation.

ARTICLE (12): FORMAL OBJECTION TO GULF STANDARDS

1. When a Member State or the Organisation considers that a Gulf Standard does not entirely satisfy the Electrical and Electronic Equipment requirements set out in Article (3), the matter shall be brought to the Gulf Committee of Conformity Assessment with arguments to the case. The Committee shall then express its opinion on the matter.
2. In the light of the Committee's opinion, the Organisation shall make the decision on request to amend the concerned Gulf Standard.
3. When it is required to amend the Gulf Standard, the General Committee for Standards shall review and amend the concerned Gulf Standard.

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**ARTICLE (13): MANUFACTURER’S DECLARATION OF CONFORMITY / IMPORTER’S
DECLARATION OF CONFORMITY**

1. Manufacturer’s Declaration of Conformity:

- A. The Manufacturer’s Declaration of Conformity shall state that all requirements set out in Articles (3) are met.
- B. The Manufacturer’s Declaration of Conformity shall be drawn up in both Arabic and English in accordance with the form attached as Annex (6) with all the data contained therein. The Declaration shall state that the Conformity Assessment Procedures applicable to the Electrical and Electronic Equipment pursuant to Article (16) have been carried out. The Declaration shall be updated whenever necessary.
- C. By drawing up the Manufacturer’s Declaration of Conformity, the Manufacturer shall be liable for the compliance of the Electrical and Electronic Equipment.
- D. Where Electrical and Electronic Equipment are subject to those regulations, the Manufacturer’s Declaration of Conformity may be approved according to one or more of the GCC’s technical regulations. The Manufacturer’s Declaration of Conformity shall then specify all relevant Gulf technical regulations with their versions and all associated information in the Manufacturer’s Declaration of Conformity form.

2. Importer’s Declaration of Conformity:

- A. The Importer shall issue the Importer's Declaration of Conformity after fulfilling his liabilities in accordance with Article (7) and having been satisfied that the Manufacturer fulfils his liabilities set in Article (5). The Importer shall bear his legal liabilities by placing the products subject of approval in the GCC common market.
- B. The Importer’s Declaration of Conformity shall be drawn up in both Arabic and English in accordance with the form attached as Annex (6) with all the data contained therein. The Declaration shall state that the Conformity Assessment Procedures applicable to the Electrical and Electronic Equipment pursuant to Article (16) have been carried out. The Declaration shall be updated whenever necessary.
- C. By drawing up the Importer’s Declaration of Conformity, the Importer shall be liable for the compliance of the Electrical and Electronic Equipment.
- D. Where Electrical and Electronic Equipment are subject to those regulations, the Importer’s Declaration of Conformity may be approved according to one or more of the GCC’s technical regulations. The Importer’s Declaration of Conformity shall then specify all relevant Gulf technical regulations with their versions and all associated information in the Importer’s Declaration of Conformity form.

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ARTICLE (14): GENERAL PRINCIPLES OF THE GULF CONFORMITY MARKING

1. Electrical and Electronic Equipment released onto the market shall meet the Gulf Conformity Tracking System requirements as regards the Gulf Conformity Marking.
2. Electrical and Electronic Equipment released onto the market shall bear the Gulf Conformity Marking.
3. Member States shall presume that the Electrical and Electronic Equipment bearing the Gulf Conformity Marking in accordance with the requirements of this Regulation, satisfy the requirements set out in Article (3).
4. Electrical and Electronic Equipment not bearing a Gulf Conformity Marking or which do not comply with this Technical Regulation may be only shown and used at trade fairs and exhibitions, provided that they are exhibited together with a sign that cannot be easily removed and which clearly indicates that they do not comply with this Technical Regulation and that they will not be made available on the market before being brought into conformity.

CHAPTER IV

CONFORMITY ASSESSMENT

ARTICLE (15): RISK ANALYSIS

Before placing on the market Electrical and Electronic Equipment, the Manufacturer shall analyse the risks by identifying the hazards resulting from the substances used in the manufacture of such Electrical and Electronic Equipment and shall assess the risk of exposure to such hazards.

ARTICLE (16): CONFORMITY ASSESSMENT PROCEDURE

Before placing on the market Electrical and Electronic Equipment, the Manufacturer shall carry out the Conformity Assessment Procedure in accordance with Annex (5).

ARTICLE (17): TEST REPORTS

1. The test reports listed in the conformity assessment procedure in Annex 5 should be issued by a laboratory that meets one of the following requirements: -
 - a. A laboratory accredited by the Gulf Accreditation Centre or any accreditation body that has signed the Mutual Recognition Agreements (MRA) of the International Laboratory Accreditation Cooperation (ILAC);
 - b. A laboratory affiliated to the Conformity Assessment Certification System of the International Electrotechnical Commission (IECEE CB SCHEME);

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- c. A laboratory affiliated to an Accepted Body;
 - d. An internal laboratory belonging to the Manufacturer in accordance with the requirements of paragraph (2) of this Article.
2. When internal laboratories belonging to the Manufacturer or forming a part thereof are used to issue the test reports, the laboratories shall be independent of the Manufacturer and shall not participate in the design, production, supply, installation, use or maintenance of any of the Electrical and Electronic Equipment they are testing.
 3. The internal laboratories belonging to the Manufacturer shall meet the following requirements: -
 - a. shall be accredited in accordance with the Gulf Technical Regulations related to accreditation by the Gulf Accreditation Centre or any accreditation body signatory of the Mutual Recognition Arrangement (MRA) of the International Laboratory Accreditation Cooperation (ILAC) or the Multilateral Recognition Arrangement (MLA) of the International Accreditation Forum (IAF);
 - b. shall be organisationally identifiable and have reporting methods which ensure and demonstrate their impartiality to the Gulf Accreditation Centre or to the relevant accreditation body;
 - c. Neither the laboratory nor its personnel shall be engaged in any activity that might be in conflict with their independence of judgment or integrity in relation to their test activities;
 - d. The laboratory shall provide its services exclusively to the manufacturers who form part of them.
 4. Manufacturers shall submit, upon request, to the Organisation and Market Surveillance Authorities information that the laboratories issuing the test reports are fulfilling the requirements of this Article.

CHAPTER V

OBLIGATIONS AND POWERS OF MEMBER STATES

ARTICLE (18): PRECAUTIONARY PRINCIPLE

The competent National Authorities in the Member States take into account the precautionary principle for the Electrical and Electronic Equipment, as provided for in Article (1) of this Technical Regulation, especially when fulfilling the general obligation to organize market surveillance activities, in accordance with Article (29) of this Technical Regulation.

ARTICLE (19): GENERAL OBLIGATION TO ORGANIZE MARKET SURVEILLANCE

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Member States shall organize and perform the market surveillance of Electrical and Electronic Equipment placed on the market in accordance with the requirements of the Gulf Technical Regulations in force.

ARTICLE (20): PROCEDURES FOR DEALING WITH ELECTRICAL AND ELECTRONIC EQUIPMENT THOUGHT TO PRESENT RISKS TO A MEMBER STATE

1. Where the Market Surveillance Authorities of one Member State have taken action pursuant to the Gulf Technical Regulations in force related to products presenting a high risk, or where they have sufficient reason to believe that the Electrical and Electronic Equipment covered by this Technical Regulation presents some risk to the health or safety of persons, property and environment, these authorities shall carry out an evaluation in relation to the concerned Electrical and Electronic Equipment covering all the requirements laid down in this Technical Regulation. The relevant Economic Operators shall co-operate as necessary with the Market Surveillance Authorities.
2. Where, in the course of the evaluation mentioned in paragraph (1) of this Article, the Market Surveillance Authorities of a Member State find that the Electrical and Electronic Equipment does not comply with the requirements laid down in this Technical Regulation, they shall, without delay, require the relevant Economic Operator to take appropriate corrective actions to bring the Electrical and Electronic Equipment into compliance with those requirements, to withdraw the Electrical and Electronic Equipment from the market, or to recall it within a reasonable period, commensurate with the nature of the risk, as they may prescribe.
3. Where the Market Surveillance Authorities of one Member State consider that the non-compliance of the Electrical and Electronic Equipment is not restricted to their national territory, they shall notify the Organisation and the other Member States of the results of the evaluation and of the actions which they have required the relevant Economic Operator to take.
4. The relevant Economic Operator shall ensure that appropriate corrective actions are taken in respect of Electrical and Electronic Equipment that the Operator has placed on the market.
5. Where the relevant Economic Operator does not take adequate corrective action within the period referred to in the paragraph (2), the concerned Market Surveillance Authorities shall take appropriate provisional measures to prohibit or restrict the availability of the Electrical and Electronic Equipment on their national market, to withdraw it from that market or to recall it. These authorities shall notify the Organisation and the other Member States, without delay, of such measures.
6. The information referred to in paragraph (6) shall include all available details, in particular the data necessary for the identification of the non-compliant Electrical and Electronic Equipment, the origin of the Electrical and Electronic Equipment, the nature of the alleged non-compliance and the risk involved, the nature and duration of the national measures taken by the Market Surveillance Authorities concerned and the arguments put forward by the relevant Economic

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Operator. In particular, the Market Surveillance Authority shall indicate whether the non-compliance is due to either: -

- a. Failure of the Electrical and Electronic Equipment to meet requirements relating to the health or safety of persons, property and environment; or
 - b. Shortcomings in the Gulf Standards referred to in Articles (10) and (11) conferring the presumption of conformity.
7. Member States, other than the Member State initiating the procedure set out in paragraphs (4) and (6) of this Article, shall inform the Organisation and the other Member States of any measures adopted and of any additional information at their disposal relating to the non-compliance of the concerned Electrical and Electronic Equipment, and, in the event of disagreement with the notified national measures, of their objections.
 8. Where, within three months of receipt of the information referred to in paragraph (6), no objection has been raised by either a Member State or the Organisation in respect of the provisional measures taken by a Member State, those measures shall be deemed to be justified.
 9. Member States shall ensure that appropriate restrictive measures are taken in respect of the Electrical and Electronic Equipment concerned, such as withdrawal without any delay of the Electrical and Electronic Equipment from their market.

ARTICLE (21): SAFEGUARD PROCEDURES OF MEMBER STATES

1. Where objections are raised against measures taken by a Member State upon completion of the procedure set out in paragraphs (4) and (5) of Article (20) of this Technical Regulation, or where the Organisation considers national measures to be contrary to the Gulf Technical Regulations in force, the Organisation shall without delay enter into consultation with the Member States and the relevant economic Operator(s) and shall evaluate the national measures. Based on the results of that evaluation, the Organisation shall decide whether the national measures are justified or not. The Organisation shall address its decision to all Member States and the relevant Economic Operator(s).
2. If the national measures are considered justified by the Organisation, all Member States shall take the measures necessary to ensure that the non-compliant Electrical and Electronic Equipment is withdrawn from their market, and shall inform the Organisation accordingly. If the national measures are considered unjustified by the Organisation, the Member State concerned shall withdraw the measures.
3. Where the national measures are considered by the Organisation as justified and the non-compliance of the Electrical and Electronic Equipment is attributed to shortcomings in the Gulf Standards referred to in paragraph 6(b) of Article 20, the Organisation shall inform the Gulf Committee of Conformity Assessment and the General Committee of Standardization and invite them to enter into consultation and to give their opinion. The Organisation shall deliver its final decision without any delay.

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ARTICLE (22): EXCHANGE OF INFORMATION — GULF RAPID INFORMATION EXCHANGE SYSTEM

The notification referred to in paragraphs (3) and (5) of Article (20) shall be provided for through the Gulf Rapid Information Exchange System, and shall mention that it is a requirement of this Technical Regulation and the General Product Safety Directive, and all information and supporting evidence shall be attached according to this Technical Regulation and the Gulf Rapid Information Exchange System.

ARTICLE (23): NON-COMPLIANCE WITH ADMINISTRATIVE REQUIREMENTS

1. Without prejudice to Article (20) of this Regulation, where a Member State makes one of the following findings, it shall require the relevant Economic Operator to put an end to the non-compliance concerned when: -
 - a. the Gulf Conformity Marking has been affixed in violation of Article (18);
 - b. the Gulf Conformity Marking has not been affixed;
 - c. the Declaration of Conformity has not been drawn up;
 - d. the Declaration of Conformity has not been drawn up correctly;
 - e. the Technical Documentation is either not available or not complete.
2. Where the non-compliance referred to in paragraph (1) of this Article continues, the Member State concerned shall take appropriate measures to restrict or prohibit the Electrical and Electronic Equipment being placed on the market, or shall ensure that it is recalled or withdrawn from the market.

CHAPTER VI

ORGANISATION'S PROCEDURES

ARTICLE (24): AMENDMENTS AND APPLICATION MEASURES

1. In order to keep abreast of technical and scientific developments, the Organisation may, through the Gulf Committee of Conformity Assessment, update Article (2), Article (3), Annex (1), Annex (2), Annex (3) and Annex (4).
2. Member States shall submit all requests for the granting, renewal or revocation of exemptions to the Organisation that shall be decided by the Gulf Committee of Conformity Assessment.
3. Any review or amendment to the list of prohibited substances listed in Annex (2) shall comply with other chemicals-related legislation, as the Organisation deems appropriate.
4. When reviewing or amending Annex 2, materials, including micronutrients, nanoparticles, or combinations of similar substances, the following shall be considered:

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- a. The negative impact of the material on waste management processes of electrical and electronic devices and equipment, including the possibility of preparing, reusing or recycling waste of these devices.
 - b. The use of the material may cause uncontrolled releases of the substance or result in hazardous precipitation, mutagenic or decomposed products as they are prepared for reusing, recycling or treatment of waste of Electrical and Electronic Equipment under current operating conditions.
 - c. The possibility of unacceptable exposure of the workers involved in the collection and processing of waste of Electrical and Electronic Equipment.
 - d. The possibility of replacing them with substitutes or alternative technologies causing less negative effects.
5. Amendments made by the Gulf Committee of Conformity Assessment in accordance with this Article shall be valid after their approval by the Technical Council.

ARTICLE (25): COMMITTEE PROCEDURES

For this Technical Regulation and its subsequent amendments, the Gulf Committee of Conformity Assessment may require the assistance of the General Committee of Standardization and has the right to refer any technical subject to sectorial or specialized committees or to subcommittees from these committees, and experts and consultants from outside the Organisation can be called upon.

CHAPTER VII

ADMINISTRATIVE PROVISIONS

ARTICLE (26): REPORTING

1. Six months after the entry into force of this Technical Regulation and every year thereafter, each Member State shall send to the Organisation a report on the application of this Technical Regulation.
2. The report mentioned in paragraph (1) of this Article shall contain an evaluation of the situation concerning the safety of Electrical and Electronic Equipment and of the effectiveness of this Technical Regulation, as well as an overview of the market surveillance activities performed by the Member State and a statement on barriers and shall also include statistical data with a focus on non-conforming products.
3. The Organisation shall draw up and publish a summary of the national reports.

ARTICLE (27): TRANSPARENCY AND CONFIDENTIALITY

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When the competent National Authorities of the Member States and the Organisation adopt measures under this Technical Regulation, they must be committed to the requirements of transparency, namely the need to inform consumers on health and safety risk as a result of using the Electrical and Electronic Equipment, but they must take into account any confidentiality requirements, namely the need to not disclose information not related to health and safety that would have been provided for the purposes of this Technical Regulation and the market surveillance activities and which are by nature covered by professional secrecy, and to limit themselves to information relating to the safety properties of Electrical and Electronic Equipment that must be made available to the consumers.

ARTICLE (28): MOTIVATION OF MEASURES TAKEN

1. Any measure taken pursuant to this Technical Regulation to prohibit or restrict the placing on the market, to withdraw or to recall electrical equipment from the market shall state the precise grounds on which it is based.
2. Such a measure shall be notified without delay to the concerned party, who at the same time shall be informed of the remedies available for it under the laws in force in the relevant Member State and of the time frame applicable to them.

ARTICLE (29): PENALTIES

Member States shall determine - through their national legislation - penalties applicable to breaches of the provisions of this Regulation.

CHAPTER VIII

FINAL PROVISIONS

ARTICLE (30): OTHER RELEVANT TECHNICAL REGULATIONS

1. All Gulf Technical Regulations applicable in addition to this Regulation shall apply to Electrical and Electronic Equipment in all matters not specifically provided for herein.
2. The following GCC Technical Sectorial Regulations: "Gulf Technical Regulations for Low Voltage Electrical Equipment" in addition to this Regulation shall apply to Electrical and Electronic Equipment in respect of the basic safety requirements.
3. The General Regulations for the Safety of Products shall apply to Electrical and Electronic Equipment in all matters not specifically provided for herein.

ARTICLE (31): TRANSPOSITION OF THE REGULATION INTO MEMBER STATES' NATIONAL LEGISLATION

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Member States whose legal systems require the transposition of the Gulf Technical Regulations into national legislation before their enforcement will enact such national legislation prior to the effective date of this Technical Regulation, and will inform forthwith the Organisation thereof.

ARTICLE (32): FIRST EDITION OF THE REGULATION

This document is the first edition of the Gulf Technical Regulation for the Prohibition of Hazardous Substances in Electrical and Electronic Equipment. This document shall replace and supersede any special Gulf or national technical regulations relating to the prohibition of hazardous substances in Electrical and Electronic Equipment, effective from the date of entry into force of this Technical Regulation.

ARTICLE (33): EFFECTIVE DATE

This Regulation shall enter into force as of the date to be specified by the Board of Directors. Member States shall complete the necessary procedures for application.

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ANNEX (1)

ELECTRICAL AND ELECTRONIC EQUIPMENT WITHIN THE SCOPE OF THIS REGULATION

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This Regulation shall not apply to:

- a. equipment necessary to protect the security of Member States, including weapons, munitions and materials designed for military purposes;
- b. equipment designed for space transmission;
- c. equipment specially designed for installation as part of another type of equipment not covered by this Regulation, so that the equipment can only be operational if it contains this part and can only be replaced with equipment designed for this purpose;
- d. large-scale fixed industrial equipment;
- e. means of transport for humans or goods, except for two-wheeled vehicles which model is not approved;
- f. movable machines (not designed for use on public roads) especially available for professional use;
- g. effective medical equipment designed for transplantation in the human body;
- h. photovoltaic cell panels intended for use in a system designed, assembled and installed by professionals for permanent use in a specific location for solar power generation for residential, commercial, industrial and public purposes; and
- i. equipment specifically designed for R & D and available on a specific manufacturing request basis only.

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ANNEX (2)

**PROHIBITED SUBSTANCES REFERRED TO IN ARTICLE (3) AND MAXIMUM PERMISSIBLE
CONCENTRATION PERCENTAGES (IN WEIGHT) IN HOMOGENEOUS MATERIALS**

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ANNEX (3)

APPLICATIONS EXEMPTED FROM PROHIBITION UNDER THIS REGULATION

A. Mercury

B. Lead

C. Cadmium

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ANNEX (4)

**APPLICATIONS RELATED TO MEDICAL EQUIPMENT AND SURVEILLANCE AND CONTROL EQUIPMENT
EXEMPTED FROM PROHIBITION UNDER THIS REGULATION**

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ANNEX (5)

PROCEDURE FOR CONFORMITY ASSESSMENT OF ELECTRICAL AND ELECTRONIC EQUIPMENT BY “MODEL INSPECTION”

1. Model Inspection is part of the Conformity Assessment Procedure whereby an Accepted Body reviews the technical design of a product and confirms and acknowledges that the technical design of the product meets the requirements of the relevant Gulf Technical Regulations.
2. Model Inspection will be carried out in any of the following ways:
 - Inspect a typical model of the entire product, representing the expected production, (production model);
 - Evaluate the conformity of the technical design of a product by reviewing the technical documents and evidence referred to in paragraph 3, taking samples representing the expected production, of one or more critical parts of the product (combining the production model with the design model);
 - Evaluate the compatibility of the technical design of a product by reviewing the technical documents and evidence referred to in paragraph 3, without inspecting any samples (design model).
3. The Manufacturer shall submit the application for a model inspection to one Accepted Body of his own choice.

The application shall contain: -

- The name and address of the Manufacturer, and the name and address of the Authorized Representative of the Manufacturer if the application is made by the Authorized Representative;
- A written declaration stating that the same request has not been submitted to any other Accepted Body;
- Technical documentation. Documents should be able to assess the conformity of the product to the requirements of the approved GCC technical regulations. It should also contain appropriate risk analysis and assessment. Technical documentation should specify applicable requirements and include, as required by the assessment, the design, manufacturing and operation of the product. Technical documents shall contain at least the following elements where necessary:
 - General description of the product;
 - Design and manufacturing drawings, component and component schematics, circuits, etc.;
 - Descriptions and notes necessary to understand the drawings and schemes referred to and the operating of the product;
 - A list of Gulf Standard Specifications or any other relevant technical specifications adopted by the Authority, applied in whole or in part, and a description of the solutions taken to meet the basic requirements of the Gulf Technical Regulations where the said standards are not applied. In case of partial use of GSO standards, the technical documents shall indicate the paragraphs that have been applied;

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- Results of existing design calculations, completed control operations, etc. and
 - Test reports;
 - Samples representative of the expected production. The Accepted Body may request more samples if necessary to conduct the testing program;
 - Evidence supporting the compatibility of technical solutions in design. This evidence should refer to all documents used, particularly when Gulf standards and / or related technical specifications are not applied in their entirety. Supporting evidence shall include, where appropriate, the results of the tests performed in the appropriate laboratory of the Manufacturer, or in another laboratory under the name of the Manufacturer and under his responsibility.
4. The Accepted Body shall:
- For the product:
- 4.1 Examine technical documentation and supporting evidence in order to assess the suitability of the technical design of the product;
- For samples:
- 4.2 Ensure that the manufacture of the samples conforms to the technical documents and identify elements that have been designed in accordance with the requirements of the Gulf Standards and/or related technical specifications, and elements designed without compliance with the applicable requirements of such standards;
- 4.3 Conduct the appropriate inspections and tests or authorize a third party to do so on its behalf; ensure, in the event that the Manufacturer has chosen to apply the technical solutions specified in the Gulf Standards and/or relevant technical specifications, that these technical solutions have been applied correctly;
- 4.4 Conduct the appropriate inspections and tests or authorize a third party to do so on its behalf; ensure, in the event that the Manufacturer has chosen to apply the technical solutions specified in the Gulf Standards and/or relevant technical specifications, that the technical solutions taken by the Manufacturer meet the basic requirements of the approved Gulf technical regulations;
- 4.5 Agree with the Manufacturer on the location where the inspections and tests will take place.
5. The Accepted Body shall issue an evaluation report on the procedures carried out by this body in accordance with paragraph 4 and on its outputs. Without prejudice to the responsibilities to the Authority, the Accepted Body shall publish this report in whole or in part only after receiving approval from the Manufacturer.
6. If the model complies with the requirements of the Gulf Technical Regulations applicable to the product in question, the Accepted Body shall issue for the Manufacturer the model inspection certificate, the validity period of which shall be one year. The certificate shall contain the name and address of the Manufacturer, the results of the inspections, the conditions of their validity (if any), and the data necessary to determine the approved model.

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The certificate and its attachments shall contain all appropriate information to enable the assessment of the conformity of products manufactured with the model inspected and enable monitoring during operation.

If the model does not comply with the requirements of the GCC technical regulations applicable to the product in question, the Accepted Body shall reject the issuance of the model inspection certificate and inform the applicant of its decision with detailed justification for its rejection.

7. The Accepted Body shall follow all state of the art developments of the technology. Where these developments indicate that the approved model may not conform to the requirements of the approved GCC technical regulations, the Accepted Body shall determine the need for additional tests. If additional tests are needed, the Manufacturer shall be informed.

The Manufacturer shall notify the Accepted Body in charge of maintaining the technical documents, of the Type Inspection Certificate with all changes in the approved model which shall comply with the requirements of the approved Gulf Technical Regulations, or with the conditions for the validity of the Certificate of Type Inspection. Such changes require additional authentication in the form of an addition to the primary model inspection certificate.

The Manufacturer shall notify the Accepted Body, keeping the technical documents of the Type Inspection Certificate, of all changes in the approved model, which may prejudice the conformity with the requirements of the approved Gulf Technical Regulations or with the requirements for the validity of the model inspection certificate. Such changes require additional authentication in the form of an addition to the primary model certificate.

8. Each Accepted Body shall inform the Organisation of the model inspection certificates and of any addition issued or withdrawn. It shall submit periodically, or upon request, a list of model inspection certificates and any additions rejected or issued in any manner whatsoever. Each Accepted Body shall inform other Accepted Bodies of the model inspection certificates and of any rejected or issued and/or restricted additions in any form, and upon request, of model inspection certificates and any addition made.

GSO, the Member States and other Accepted Bodies may request copies of the model inspection certificates and/or their addition. GSO and the Member States may request copies of the technical documents and the results of the inspections carried out by the Accepted Body. The Accepted Body shall keep a copy of the model inspection certificate, its attachments and additions to the technical documents, including the documents attached by the Manufacturer, until the expiry date of the certificate.

9. The Manufacturer shall keep a copy of the model inspection certificate and its attachments and attachments with the technical documents and keep them available to the national authorities for a period of ten (10) years after placing the product on the market.
10. The Authorized Representative of the Manufacturer may submit the application referred to in paragraph 3 and perform the duties referred to in paragraphs 7 and 9 on behalf of the Manufacturer, provided that this is stated in the power of attorney.

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ANNEX (6)

MANUFACTURER'S DECLARATION OF CONFORMITY

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ANNEX (7)

IMPORTER'S DECLARATION OF CONFORMITY