



**GCC Standardization Organization
GSO**

**Gulf Technical Regulation
for Low Voltage Electrical Equipment and
Appliances**

Note:

**Only the Arabic version of this Regulation is authentic
in law and is applicable where there are differences
with this translation**

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Introduction

1. Starting off the goals of the Gulf Cooperation Council (GCC) aiming at achievement of integration and in conjunction among member states in all fields reaching to their unity, in agreement with the objectives of the new unified economic agreement between GCC states that laid the foundations for the common GCC market to develop common action between GCC states, and marked the steps of economic integration starting with creation of a free trade zone, then customs union, and then completion of GCC common market requirements, and ultimately the monetary and economic union as well as standardization of business, industrial and customs legislations applicable in the member states.
2. In realization of the GCC goals of creating Gulf Standardization Organization (GSO), promoting the economic integration march, going along with the customs union requirements including unification of standards and metrology in the member states, ensuring safety and quality of the goods entering GCC markets for the interests of their citizens, consolidation, follow up and implementation and unification by various standardization activities to participate in development of its production and services sectors, development of GCC intra-trade, protection of consumers, environment and public health, promotion of GCC industries to bolster GCC economy and maintain and preserve the gains of GCC states, and reduction of technical barriers to trade (TBT) in agreement with goals of the customs unification and GCC states concessions in World Trade Organization (WTO).
3. In implementation of 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 to be applied collectively in the same manner at inter-state entry ports in implementation of the customs notification requirements at the scheduled time and to streamline flow of commodities traffic”.



4. In implementation of the resolution of GSO Board of directors in its 6th session (5 June 2007) approving commencement of implementing recommendations of the project of developing compliance verification in GCC states; Regional Conformity Assessment Scheme (RCAS) including “adoption of the concept that obligation should be based on the product essential requirements (safety, health and environment) as a basis for setting the new GCC approach to legislative obligation.
5. In implementation of the resolution of GSO Board of directors in its 11th session (Doha, 22 November 2009) by announcing the official accession of the Republic of Yemen to the GCC Standardization Organization starting from 01 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 electrical equipment vary in scope and content leading to barriers to trade and difference in tender conditions in the desired GCC common market, without tangible return of this difference on customer protection against the hazards that may arise from these products.
7. Whereas barriers to the desired GCC common market should be lifted to allow selling 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 equipment to allow placing it on the market and free movement in the customs union territory.
9. Whereas the Low-Voltage electrical equipment placed on the desired common market should not cause harm to the direct user or the surrounding environment.
10. Whereas the safety of Low-Voltage electrical equipment should be determined by reference to the intended use, it should allow higher limits to cover any unseen conditions taking into account consumer’s behavior.
11. Whereas safety standards of Low-Voltage electrical equipment should be considered when placed on the market taking into account the requirement to abide thereby during the specified normal period of use for Low-Voltage electrical equipment.



12. And whereas GSO is entrusted with developing, 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.

This Regulation related to Low-Voltage equipment has been issued stating the essential requirements to be met in Low-Voltage equipment manufactured locally or imported to any of GCC states. Any of these products shall be allowed to be freely distributed in GCC Member states markets without impediment in custom ports, since they are complying with the requirements of this Technical Regulation.

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

CHAPTER I

GENERAL PROVISIONS

Introduction: This Technical Regulation “Gulf Technical Regulation for Low Voltage Electrical Equipment and Appliances” is the second issue, which considered an amendment and an update of the first issue number (BD07070503), dated 27/11/2007, and entitiled “The Conformity Assessment Regulation related to electrical equipment designed for use within certain voltage limits”.

The most important amendments and updates:

- a. Precise definition and determining obligations of "economic operators", "Conformity Assessment Procedures" and obligations of "the Notified Bodies";
- b. Oblige the Manufacturers to carry out a risk analysis of all hazards that the electrical equipment may present, as well as an assessment of the potential exposure to such hazards;
- c. Add requirements related to electromagnetic compatibility of Low-Voltage electrical equipment.

Article (1): Definitions

For the purposes of this Technical Regulation, the following definitions shall apply:

1. Cooperation Council: Cooperation Council for the Arab States of the Gulf.
2. Organization: Standardization Organization for the Cooperation Council for the Arab States of the Gulf (GSO).
3. Member States: Member States of the Standardization Organization 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: Organization’s Board of Directors.

5. Technical Council: Organization's Technical Council.
6. Gulf Committee of Conformity Assessment: The committee overseeing the process of issuing the Gulf Technical Regulations, and its Membership includes representatives from national Standardization Organization of Member States, which are specialists in conformity assessment or Standards application fields.
7. General Committee for Standards: The Committee supervising the process of issuing Standards and the activities of Technical Committees of Standards in the organization, and has in its Membership directors of national Standards departments in the National Standardization Bodies of Member States.
8. Electrical equipment: means all electrical and electronic devices and appliances and fixtures that contain electrical and/or electronic components designed for use with a voltage rating of between 50 and 1000 V for alternating current and between 75 and 1500 V for direct current, other than the electrical equipment and phenomena listed in Annex (2).
9. Rated voltage: means the nominal voltage specified by the Manufacturer for the electrical equipment.
10. Rated voltage range: means the voltage range specified for the electrical equipment by the Manufacturer, expressed by its minimum and maximum limits.
11. Rated power input: The power input specified for the electrical equipment by the Manufacturer.
12. Rated power input range: The power input range specified for the electrical equipment by the Manufacturer, expressed by its minimum and maximum limits.
13. Rated current: The current specified for the electrical equipment by the Manufacturer.
14. Rated frequency: The frequency specified for the electrical equipment by the Manufacturer.
15. Rated frequency range: The frequency range specified for the electrical equipment by the Manufacturer, expressed by its minimum and maximum limits.
16. Normal operation: The circumstances under which the electrical equipment is operated for ordinary use when it is connected to a power source.



17. Electromagnetic disturbance: Any electromagnetic phenomenon that can degrade the operation of a device or a unit of a device or a system. An electromagnetic disturbance can be equivalent to electromagnetic noise, an unwanted signal, or a change in the diffusion of the medium itself.
18. Immunity: The ability of a device or a unit of a device or a system to operate without degradation of quality in the presence of an electromagnetic disturbance.
19. Electromagnetic compatibility: The ability of a device or a unit of a device or a system to function satisfactorily in its electromagnetic environment without introducing electromagnetic disturbances that are not tolerated by anything in that environment.
20. Economic operators: Means the Manufacturer, the Authorized Representative, the Importer or the Distributor.
21. Supply chain: All the stages of the electrical equipment after the production and right up to the final consumer (including import and storage operations and wholesale and retail and delivery).
22. Placing on the market: Means the first making available of electrical equipment on the Gulf Common Market.
23. Making available on the market: Means any supply of electrical equipment for distribution, consumption or use on the Member states in the course of a commercial activity, whether in return for payment or free of charge.
24. Withdrawal: Means any measure aimed at preventing electrical equipment in the supply chain from being made available on the market.
25. Recall: Means any measure aimed at achieving the return of electrical equipment that has already been made available to the end user.
26. Manufacturer: Means any natural or legal person who manufactures electrical equipment or has it designed or manufactured, and markets that electrical equipment under his name or trademark.

27. Authorized Representative: Means any natural or legal person established within one of the Member states who has received a written mandate from a Manufacturer to act on his behalf.
28. Importer: Means any natural or legal person established within one of the Member states who places on the market electrical equipment from a third country outside the Member states.
29. Distributor: Means any natural or legal person in the supply chain, other than the Manufacturer or the Importer, who makes electrical equipment available on the market.
30. 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.
31. Conformity assessment: Means the process demonstrating whether specified requirements relating to electrical equipment have been fulfilled.
32. Gulf-Type examination: Is the part of a conformity assessment procedure in which a Notified Body examines the technical design of a product, verifies, and attests that the technical design of the product meets the requirements of the Gulf Technical Regulations that apply to it.
33. Gulf-Type examination certificate: Is a certificate issued by a Notified Body after examining the technical design of a product and verifying that the technical design of the product meets the requirements of the applicable Gulf Technical Regulations.
34. Conformity Assessment Bodies: Means bodies that perform conformity assessment activities, including calibration, testing, certification and inspection.
35. Notified Body: A Conformity Assessment Body notified by the Notifying Authority as a notified Conformity Assessment Body in a specific field according to the applicable Gulf Technical Regulations.
36. Notifying Authority: the competent authority which is responsible for the notification.

37. Gulf procedures of Conformity Assessment: A document approved by the Board of Directors, which describes the procedures used directly, or indirectly for the conformity assessment.
38. Precautionary principle : Principle, which gives Member States the right to take preventive and protective measures temporary, based on the information available and in the absence of sufficient scientific evidence on the lack of safety of the product, provided that State sought to obtain the additional information necessary for the objective assessment of the source of danger in the product.
39. National Regulations: A mandatory document issued by the competent authorities in the Member States sets out the essential requirements for a product or for a specific category of products.
40. Accreditation: Shall mean an attestation by a third party, which formally prove that a particular notified conformity assessment body is competent to carry out a specific conformity assessment activities.
41. Gulf Conformity Marking: Is a specific marking of the Cooperation Council for the Arab States of the Gulf which is stuck on the product or/and the Declaration of Conformity to indicate that the product is in conformity with the requirements set out in the applicable Gulf Technical Regulations.
42. 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 include in particular terminology and definitions, packaging and labeling requirements or labels that apply to the products or services, processes or production methods.
43. Gulf Technical Regulation: A document approved by the Board of Directors that provides the characteristics of the products, the related processes and their production methods, and includes the administrative provisions in force, with which the compliance is mandatory. It could include in particular terminology and definitions, packaging and labeling requirements or labels that apply to the products or services, processes or production methods.



44. Technical documents: Documents listed in Annexes (3) and (4) of this Technical Regulation.
45. Essential requirements: Requirements for products, which may affect the safety, health and the environment, and that, must be respected.
46. Market surveillance: Means the activities carried out and measures taken by the Market Surveillance Authorities to ensure that the products comply with the applicable requirements set out in the relevant Gulf Technical Regulations and do not endanger health, safety and environment or any other aspect of public interest protection.
47. Market Surveillance Authority: Shall mean an authority determined by each Member States as a qualified body responsible for carrying out market surveillance on its territory. Member States may designate more than one body for this purpose.
48. Hazard: Means a potential source of harm.
49. Risk: Means the probable rate of occurrence of a hazard causing harm and the degree of severity of the harm.

Article (2): Scope

This Technical Regulation shall apply to electrical equipment hereinbefore referred to as electrical equipment in Article (1).

Article (3): Subject-matter

This Technical Regulation lays down the mandatory requirements for the safety and electromagnetic compatibility of electrical equipment with which all electrical equipment must comply before its placing on the market and then move freely within the Member States markets.

Article (4): Making available on the market and safety objectives

Electrical equipment may be made available on the market only if, having been constructed in accordance with good engineering practice in safety matters in force in the Member States it does not endanger the safety of persons, property and environment when properly installed, maintained, and used in applications for which it was made.

Annex (1) shows all the essential requirements of safety necessary to achieve the objectives referred to in this Article.

Article (5): Free Movement

Member States shall take all appropriate measures to ensure the free movement within the Member States markets of electrical equipment complying with the requirements of this Technical Regulation, taking into account national differences.

Article (6): Electromagnetic compatibility

Electrical equipment covered by this Technical Regulation shall be designed and manufactured so as to achieve electromagnetic compatibility requirements as indicated in paragraph (4) of Annex (1).

Article (7): Supply of electricity

Member States shall ensure that stricter safety requirements than those laid down in Articles (4) and (6) and Annex (1) are not imposed to electrical equipment by electricity supply bodies for connection to the grid, or for the supply of electricity to users of electrical equipment.

CHAPTER II

OBLIGATIONS OF ECONOMIC OPERATORS

Article (8): Obligations of the Manufacturer

1. The Manufacturer shall place on the market only electrical equipment conforming to the requirements of this Technical Regulation.
2. When placing electrical equipment on the market, the Manufacturer shall ensure that it has been designed and manufactured in accordance with the requirements set out in Articles (4) and (6) and Annex (1).
3. The Manufacturer shall carry out the applicable conformity assessment procedure in accordance with Article (20) and shall provide the necessary evidence about it.
4. Where compliance of electrical equipment with the requirements referred to in paragraph (2) of this Article has been demonstrated, the Manufacturer shall draw up a Manufacturer Declaration of Conformity, as referred to in paragraph (1) of Article (17), and affix the Gulf Conformity Marking in accordance with the relevant gulf requirements related to Gulf Conformity Marking.
5. The Manufacturer Declaration of Conformity shall be kept for a period of 10 years after the electrical equipment has been placed on the market.
6. The Manufacturer shall ensure that procedures are in place for series production to remain in conformity. Changes in electrical equipment design or characteristics and changes in the Gulf Standards or in technical specifications by reference to which conformity of electrical equipment is declared shall be adequately taken into account.
7. When deemed appropriate with regard to the risks presented by electrical equipment, the Manufacturer shall, to protect the health and safety of consumers and the environment, carry out sample testing of marketed electrical equipment, investigate, and, if necessary, keep a register of complaints, of non-conforming electrical equipment and electrical equipment recalls, and shall keep Distributors informed of any such monitoring.

8. The Manufacturer shall ensure that electrical equipment bear a type number, and batch or serial number or other element allowing its identification, except, where the size or nature of electrical equipment does not allow it. In addition, the required information shall be provided on the packaging or in a document accompanying the electrical equipment.
9. The Manufacturer shall indicate his registered trademark on the electrical equipment. In addition, he shall indicate on the electrical equipment, his name or registered trade name, and the address at which he can be contacted, except where it is not possible. All the required information shall be provided on the packaging or in a document accompanying the electrical equipment.
10. The Manufacturer shall ensure that the electrical equipment is accompanied by safety information in Arabic language, and that the instructions for use are provided in Arabic language.
11. A Manufacturer who consider or have reason to believe that electrical equipment, which he has placed on the market, is not in conformity with the Gulf Technical Regulations in force shall immediately take the corrective measures necessary to bring that electrical equipment into conformity, to withdraw it or recall it, if appropriate. Where the electrical equipment presents a risk, the Manufacturer shall immediately inform the Competent National Authorities of the Member States in which he made the electrical equipment available to that effect, giving details, in particular, of the non-compliance and of any corrective measures taken.
12. The Manufacturer shall, further to a 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 equipment, in Arabic language, and if it is not possible, documents in English can be submitted after the approval of those authorities. The said information and documentation shall be provided during a period of time specified by the relevant authorities not to exceed twenty working day.
13. The Manufacturer shall cooperate with the Competent National Authorities in the Member States, at its request, as regards any action taken to eliminate the risks posed by electrical equipment, which he has placed on the market.

Article (9): Obligations of the Authorized Representative

1. The Manufacturer may appoint an Authorized Representative, by a written mandate.
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 mandate.
3. The Authorized Representative shall perform the tasks specified in the mandate received from the Manufacturer. The mandate shall allow the Authorized Representative to do at least the following:
 - a. Keep the Manufacturer Declaration of Conformity and the Technical Documentation at the disposal of the Competent National Authorities for a period of 10 years after the product has been placed on the market;
 - b. Further to a reasoned request from the Competent National Authorities, provide those authorities with all the information and documentation necessary to demonstrate the conformity of electrical equipment;
 - c. Cooperate with the Competent National Authorities, at their request, on any action taken to eliminate the risks posed by electrical equipment covered by the mandate.

Article (10): Obligations of the Importer

1. The Importer shall place on the market only electrical equipment conforming to the requirements of this Technical Regulation.
2. The Importer shall ensure that the appropriate conformity assessment procedure has been carried out by the Manufacturer and shall provide the necessary evidence about it.
3. The Importer shall ensure that the electrical equipment bears the Gulf Conformity Marking and is accompanied by the required documents, and that the Manufacturer has complied with the requirements set out in paragraphs (8) and (9) of Article (8).
4. The Importer shall draw up a written Declaration of Conformity of electrical equipment in accordance with paragraph (2) of Article (17).

5. Where an Importer considers or has reason to believe that electrical equipment is not in conformity with the requirements set out in Articles (4) and (6) and Annex (1), he shall not place the electrical equipment on the market until it has been brought into conformity. Furthermore, where the electrical 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 equipment or on its packaging or in a document accompanying the electrical equipment.
7. The Importer shall ensure that the electrical equipment is accompanied by safety information in Arabic language, and that the instructions for use are provided in Arabic language.
8. The Importer shall ensure that, while electrical equipment is under his responsibility, storage or transport conditions do not jeopardize its compliance with the requirements set out in Articles (4) and (6) and Annex (1).
9. When deemed appropriate with regard to the risks presented by electrical equipment, the Importer shall, to protect the health and safety of consumers and the environment, carry out sample testing of marketed electrical equipment, investigate, and, if necessary, keep a register of complaints, of non-conforming electrical equipment and electrical equipment recalls, and shall keep Distributors informed of any such monitoring.
10. The Importer who considers or has reason to believe that electrical equipment, which he has placed on the market, is not in conformity with the Gulf Technical Regulations in force shall immediately take the corrective measures necessary to bring that electrical equipment into conformity, to withdraw it or recall it, if appropriate. Furthermore, where the electrical equipment presents a risk, the Importer shall immediately inform the Competent National Authorities of the Member States in which he made the electrical equipment available to that effect, giving details, in particular, of the non-compliance and of any corrective measures taken.
11. The Importer shall, for a period of 10 years after the electrical equipment has been placed on the market, keep copies of the Manufacturer Declaration of Conformity and the Importer Declaration of Conformity at the disposal of the Competent National Authorities.

12. The Importer shall, further to a 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 equipment, in Arabic language, and if it is not possible, documents in English can be submitted after the approval of those authorities. The said information and documentation shall be provided during a period of time specified by the relevant authorities not to exceed twenty working day.
13. The Importer shall cooperate with the Competent National Authorities in the Member States, at its request, as regards any action taken to eliminate the risks posed by electrical equipment, which he has placed on the market.

Article (11): Obligations of the Distributor

1. The Distributor shall make available on the market only compliant electrical equipment.
2. Before making electrical equipment available on the market, the Distributor shall verify that the electrical equipment bears the Gulf Conformity Marking, that it is accompanied by the required documents and by safety information in Arabic language, and that the instructions for use are provided in Arabic language, and that the Manufacturer and the Importer have complied with the requirements set out in paragraphs (8) and (9) of Article (8) and paragraph (6) of Article (10).
3. Where a Distributor considers or has reason to believe that electrical equipment is not in conformity with the requirements set out in Articles (4) and (6) and Annex (1), he shall not make the electrical equipment available on the market until it has been brought into conformity. Furthermore, where the electrical equipment presents a risk, the Distributor shall inform the Manufacturer or the Importer to that effect as well as the Market Surveillance Authorities.
4. The Distributor shall ensure that, while electrical equipment is under his responsibility, storage or transport conditions do not jeopardize its compliance with the requirements set out in Articles (4) and (6) and Annex (1).

5. The Distributor who considers or has reason to believe that electrical equipment, which he has made available on the market, is not in conformity with the Gulf Technical Regulations in force shall make sure that the corrective measures necessary to bring that electrical equipment into conformity, to withdraw it or recall it, if appropriate, are taken. Furthermore, where the electrical equipment presents a risk, the Distributor shall immediately inform the Competent National Authorities of the Member States in which he made the electrical equipment available to that effect, giving details, in particular, of the non-compliance and of any corrective measures taken.
6. The Distributor shall, further to a 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 electrical equipment. He shall cooperate with those authorities, at their request, on any action taken to eliminate the risks posed by electrical equipment, which he has made available on the market.

Article (12): Cases in which obligations of the Manufacturer apply to the Importer and the Distributor

An Importer or Distributor shall be considered a Manufacturer for the purposes of this Technical Regulation and he shall be subject to the obligations of the Manufacturer under Article (8), where he places electrical equipment on the market under his name or trademark or modifies electrical equipment already placed on the market in such a way that compliance with the applicable requirements may be affected.

Article (13): Identification of economic operators

1. Economic operators shall, on request, identify to the Market Surveillance Authorities any economic operator who has supplied them with electrical equipment, and any economic operator to whom they have supplied with electrical equipment.
2. Economic operators shall have the appropriate systems and procedures in order to be able to present the information referred to in the first paragraph of this Article to the Market Surveillance Authorities at the request of these authorities for a period of 10 years after they have supplied the electrical equipment.

CHAPTER III

CONFORMITY OF ELECTRICAL EQUIPMENT

Article (14): Presumption of conformity with Gulf Standards

Electrical equipment, which is in conformity with Gulf Standards or parts thereof, shall be presumed to be in conformity with the safety and electromagnetic compatibility requirements covered by those Standards or parts thereof, set out in Articles (4), (6), and Annex (1).

The list of the applicable Gulf Standards is available on the Web site of the Organization.

Article (15): Presumption of conformity with International Standards

Where Gulf Standards as referred to in Article (14) have not yet been drawn up or published, electrical equipment which is in conformity with the International Electrotechnical Commission (IEC) Standards or parts thereof, shall be presumed to be in conformity with the safety and electromagnetic compatibility requirements covered by those Standards or parts thereof, set out in Articles (4) and (6) and Annex (1).

Article (16): Formal objection to Gulf Standards

1. When a Member State or the Organization considers that a Gulf Standard does not entirely satisfy the safety and electromagnetic compatibility requirements, which it covers and which are set out in Articles (4) and (6) and Annex (1), they shall bring the matter before the Gulf Committee of Conformity Assessment, giving its arguments. The Committee shall deliver its opinion without delay.
2. In the light of the Committee's opinion, the Organization shall take the decision on the request to amend the concerned Gulf Standard.
3. When it is required to amend the Gulf Standard, the General Committee for Standards reviews and amends the concerned Gulf Standard.

Article (17): Manufacturer Declaration of Conformity / Importer Declaration of Conformity

1. Manufacturer Declaration of Conformity:
 - a. The Manufacturer Declaration of Conformity shall state that the fulfillment of the safety and electromagnetic compatibility requirements set out in Articles (4) and (6) and Annex (1) has been demonstrated;
 - b. The Manufacturer Declaration of Conformity shall be drawn up in both Arabic and English. It shall have the model structure and contain the elements set out in Annex (5). It shall contain the Conformity Assessment Procedure applicable to the electrical equipment pursuant to Article (20) and shall be updated whenever necessary;
 - c. By drawing up the Manufacturer Declaration of Conformity, the Manufacturer shall assume responsibility for the compliance of the electrical equipment.
2. Importer Declaration of Conformity:
 - a. The Importer Declaration of Conformity shall state that the fulfillment of the safety and electromagnetic compatibility requirements set out in Articles (4) and (6) and Annex (1) has been demonstrated for all imported electrical equipment in the consignment;
 - b. The Importer Declaration of Conformity shall be drawn up in both Arabic and English. It shall have the model structure and contain the elements set out in Annex (6). It shall contain the Conformity Assessment Procedure applicable to the electrical equipment pursuant to Article (20) and shall be updated whenever necessary;
 - c. By drawing up the Importer Declaration of Conformity, the Importer shall assume responsibility for the compliance of all imported electrical equipment in the consignment.

Article (18): General principles of the Gulf Conformity Marking

1. Electrical equipment made available on the market shall bear the Gulf Conformity Marking.
2. Electrical equipment made available on the market must meet all applicable requirements related to Gulf Conformity Marking.

3. Member States shall presume that electrical equipment bearing the Gulf Conformity Marking in accordance with the requirements of this regulation, satisfy the safety and electromagnetic compatibility requirements set out in Articles (4) and (6) and Annex (1).
4. Electrical equipment not bearing a Gulf Conformity Marking or which do not comply with this Technical Regulation may be shown and used only at trade fairs and exhibitions, provided that they are accompanied by a sign which can not be easily removed and clearly indicates that they do not comply with this Technical Regulation and that they will not be made available in the Market before being brought into conformity.

CHAPTER IV

CONFORMITY ASSESSMENT

Article (19): Risk analysis

Manufacturer shall, before placing electrical equipment on the market, carry out a risk analysis through the identification of the chemical, physical, mechanical, electrical, hygiene, radioactivity, flammability and heating hazards that the electrical equipment may present, as well as an assessment of the potential exposure to such hazards.

Article (20): Applicable conformity Assessment Procedures

1. The Gulf Committee of Conformity Assessment shall determine two lists for two categories of electrical equipment depending on their degree of hazard to persons, property and environment referred to as list (1) and list (2).
2. The electrical equipment in list (1) is subject to the Conformity Assessment Procedure set out in Annex (3).
3. The electrical equipment in list (2) is subject to the Conformity Assessment Procedure set out in Annex (4).
4. Electrical equipment with the IECEE CB SCHEME certificate of conformity, which must take into account the national differences of Member states including Gulf Conformity Marking,

shall be considered to meet the Conformity Assessment Procedures detailed in the Annexes (3) and (4).

5. Before placing any electrical equipment on the market, Manufacturer shall use the appropriate Conformity Assessment Procedure as detailed in paragraphs (2), (3) or (4) of this Article.

Article (21): General principles for dealing with Conformity Assessment Bodies

In case of use of a third party Conformity Assessment Body for Conformity Assessment Procedure, it must be a Notified Body according to the definition in article (1).

Article (22): in-house laboratories

1. When an in-house laboratory belonging to Manufacturers or forming part of them is used to issue the test reports mentioned in paragraph (1.b) of Annex (3) and paragraph (2.b) of Annex (4), the said laboratory shall constitute a separate and distinct part of the manufacturing unit and shall not participate in the design, production, supply, installation, use or maintenance of the electrical equipment it tests.
2. The in-house laboratories mentioned in paragraph (1) of this Article shall meet the following requirements:
 - a. It shall be accredited in accordance with the Gulf Technical Regulations related to accreditation by the Gulf Accreditation Center 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. It shall be organizationally identifiable and have reporting methods which ensure their impartiality and demonstrate it to the Gulf Accreditation Center or to the relevant accreditation body;
 - c. Neither the laboratory nor its personnel shall they engage in any activity that might conflict with their independence of judgment or integrity in relation to their test activities;

- d. The laboratory shall supply its services exclusively to the Manufacturers of which it forms a part.
3. Manufacturers shall give information concerning their accreditation in-house laboratories to the Notifying Authority and to the Market Surveillance Authorities at the request of these authorities.

CHAPTER V

OBLIGATIONS AND POWERS OF MEMBER STATES

Article (23): Precautionary principle

The Competent National Authorities in the Member States take into account the precautionary principle for the electrical 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 (24) of this Technical Regulation.

Article (24): General obligation to organize market surveillance

Member States shall organize and perform the market surveillance of electrical equipment placed on the market in accordance with the requirements of the Gulf Technical Regulations in force. In addition, Articles (25) and (26) of this Technical Regulation shall apply.

Article (25): Instructions to the Notified Body

1. Market Surveillance Authorities may request a Notified Body to provide information relating to any type examination certificate, which that body has issued or withdrawn, or which relates to any refusal to issue such a certificate, including the test reports and Technical Documentation.
2. If a Market Surveillance Authority finds that electrical equipment is not in conformity with the safety and electromagnetic compatibility requirements set out in Articles (4) and (6) and Annex (1), it shall, where appropriate, instruct the Notified Body to withdraw the certificates of that electrical equipment.

3. Where necessary, and in particular where the conditions set out in paragraph (3) of Annex (4) are not fulfilled, the Market Surveillance Authority shall instruct the Notified Body to review the certificates issued by the said Notified Body.

Article (26): The relationship between the Competent National Authorities and the bodies issuing the IECEE CB SCHEME certificate of conformity

1. Competent National Authorities may request the bodies issuing the IECEE CB SCHEME certificate of conformity to provide information relating to any certificate, which those bodies have issued or withdrawn, within the scope of their work.
2. If the Competent National Authorities in any Member States find that electrical equipment with an IECEE CB SCHEME certificate of conformity is not complying with the safety and electromagnetic compatibility requirements set out in Articles (4) and (6) and Annex (1), it shall inform the body who has issued this certificate in order to take the necessary measures. If this body did not carry out the necessary corrective actions and did not provide sufficient guarantees about that, the concerned authority may suspend the acceptance of certificates issued by that body and informs the IECEE, the Organization and the rest of the Member States to take the necessary measures about it.

Article (27): Procedure for dealing with electrical equipment presenting a risk at national level

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 electrical equipment covered by this Technical Regulation presents a risk to the health or safety of persons, property and environment, they shall carry out an evaluation in relation to the concerned electrical equipment covering all the requirements laid down in this Technical Regulation. The relevant economic operators shall cooperate 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 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 equipment into compliance with those requirements, to withdraw the electrical equipment from the market, or to recall it within a reasonable period, commensurate with the nature of the risk, as they may prescribe.
3. The Market Surveillance Authorities shall inform the body issuing the IECEE CB SCHEME certificate of conformity and the IECEE Organization, or the Notified Body about the actions taken in accordance with paragraphs (1) and (2) of this Article.
4. Where the Market Surveillance Authorities of one Member State consider that the non-compliance of the electrical equipment is not restricted to their national territory, they shall notify the Organization 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.
5. The relevant economic operator shall ensure that appropriate corrective actions are taken in respect of electrical equipment, which that operator has made available on the market.
6. 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 electrical equipment's being made available on their national market, to withdraw the electrical equipment from that market or to recall it. They shall notify the Organization and the other Member States, without delay, of those measures.
7. 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 equipment, the origin of the electrical 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 operator. In particular, the Market Surveillance Authority shall indicate whether the non-compliance is due to either:
 - a. Failure of the electrical 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 (14) and (15) conferring the presumption of conformity.
8. Member States, other than the Member State initiating the procedure set out in paragraphs (6) and (7) of this Article, shall inform the Organization 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 equipment, and, in the event of disagreement with the notified national measures, of their objections.
9. 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 Organization in respect of the provisional measures taken by a Member State, those measures shall be deemed to be justified.
10. Member States shall ensure that appropriate restrictive measures are taken in respect of the concerned electrical equipment, such as withdrawal of the electrical equipment from their market, without delay.

Article (28): Safeguard procedures of Member States

1. Where, on completion of the procedure set out in paragraphs (5) and (6) of Article (27) of this Technical Regulation, objections are raised against measures taken by a Member State, or where the Organization considers national measures to be contrary to the Gulf Technical Regulations in force, the Organization shall without delay enter into consultation with the Member States and the relevant economic operator or operators and shall evaluate the national measures. Based on the results of that evaluation, the Organization shall decide whether the national measures are justified or not. The Organization shall address its decision to all Member States and the relevant economic operator or operators.

2. If the national measures are considered justified by the Organization, all Member States shall take the measures necessary to ensure that the non-compliant electrical equipment is withdrawn from their market, and shall inform the Organization accordingly. If the national measures are considered unjustified by the Organization, the Member State concerned shall withdraw the measures.
3. Where the national measures are considered by the Organization to be justified and the non-compliance of the electrical equipment is attributed to shortcomings in the Gulf Standards referred to in Article 27(7)(b), the Organization 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 Organization shall deliver its final decision without delay.

Article (29): Exchange of information — Gulf Rapid Information Exchange System

The notification referred to in paragraphs (4) and (6) of Article (27) 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 the information and supporting evidence shall be attached according to this Technical Regulation and the Gulf Rapid Information Exchange System.

Article (30): Formal non-compliance

1. Without prejudice to Article (27), 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:
 - a. That the Gulf Conformity Marking has been affixed in violation of Article (18);
 - b. That the Gulf Conformity Marking has not been affixed;
 - c. That the Declaration of Conformity has not been drawn up;
 - d. That the Declaration of Conformity has not been drawn up correctly;
 - e. That Technical Documentation is either not available or not complete.



2. Where the non-compliance referred to in paragraph (1) of this Article persists, the Member State concerned shall take appropriate measures to restrict or prohibit the electrical equipment being made available on the market, or shall ensure that it is recalled or withdrawn from the market.

CHAPTER VI

ORGANIZATION PROCEDURES

Article (31): Amendments and implementing measures

1. The Gulf Committee of Conformity Assessment may, for the purposes of adapting them to technical and scientific developments, do the following:
 - a. Amend the paragraph (2.e) of Annex (1);
 - b. Amend the Annex (2);
 - c. Issue, review and publish the list (1) and list (2) referred to in paragraph (1) of Article (20);
2. The amendments carried out by the Gulf Committee of Conformity Assessment in accordance with this Article become effective after approval by the Technical Council.

Article (32): Committee procedures

For this Technical Regulation and their amendments, the Gulf Committee of Conformity Assessment can be assisted by the General Committee of Standardization and have the right to refer any technical subject to sectorial or specialized committees or subcommittees from these committees, who can appeal to experts and consultants outside the organization.

CHAPTER VII

ADMINISTRATIVE PROVISIONS

Article (33): Reporting

1. Six months after the entry into force of this Technical Regulation and every year thereafter, Member States will send to the Organization 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 equipment and of the effectiveness of this Technical Regulation, as well as a presentation of the market surveillance activities performed by the Member States and the statement of the barriers and give statistical data with a focus on non-conforming products.
3. The Organization draws up and publishes a summary of the national reports.

Article (34): Transparency and confidentiality

When the Competent National Authorities of the Member States and the Organization adopt measures under this Technical Regulation, it must commit the requirements of transparency in terms of the need to inform consumers on the health and safety risks that can be exposed them as a result of the use of electrical equipment, and must take into account confidentiality requirements in terms of the need for non-disclosure of information not related to health and safety obtained for the purposes of this Technical Regulation and the market surveillance activities which, by its nature, is covered by professional secrecy, except for information relating to the safety properties of electrical equipment which must be made public.

Article (35): Motivation of measures

1. Any measure taken pursuant to this Technical Regulation to prohibit or restrict the placing on the market of electrical equipment, to withdraw electrical equipment or to recall electrical equipment from the market shall state the exact grounds on which it is based.



2. Such a measure shall be notified without delay to the concerned party, which shall at the same time be informed of the remedies available to it under the laws in force in the Member State in question and of the time limits applicable to them.

Article (36): Penalties

1. Member States lay down rules on penalties for economic operators, which may include criminal sanctions for serious infringements, applicable to infringements of the national provisions adopted pursuant to this Technical Regulation, and shall take all measures necessary to ensure that they are implemented.
2. The penalties mentioned in paragraph (1) of this Article shall be effective, proportionate and dissuasive and may be increased if the relevant economic operator has previously committed a similar infringement of this Technical Regulation.
3. One year after the entry into force of this Technical Regulation, the Member States will notify the Organization of the rules mentioned in paragraph (1) and (2) of this Article, and will notify it without delay of any subsequent amendment to them.

CHAPTER VIII

FINAL PROVISIONS

Article (37): Other relevant Technical Regulations

The General Product Safety Directive (BD-091005-04) shall apply to electrical equipment for topics not covered by this Technical Regulation.

Article (38): Transposition

Member States, which their legal systems require the transfer of the Gulf Technical Regulations to national legislation before their entry into force will enact such national legislation prior to the effective date of this Technical Regulation, and will forthwith inform the Organization thereof.

Article (39): Repeal

The issue N°1 of the Conformity Assessment Regulation N° (BD 07070503) dated 27/11/2007, as well as any Gulf or National Technical Regulation related to the safety of electrical equipment in the same scope, are repealed as from the date of the entry into force of this Technical Regulation.

Article (40): Entry into force

This Technical Regulation shall enter into force on the 01/07/2016.

Annex (1)

Essential requirements of the safety objectives for electrical equipment designed for use within certain voltage limits and the requirements of the electromagnetic compatibility

1. Essential requirements

- a. The essential characteristics shall be marked on the electrical equipment clearly and in a way that cannot be removed easily, or, if this is not possible, on an accompanying notice, and shall include the instructions for use, in order to ensure that electrical equipment will be used safely and in applications for which it was made.
- b. The electrical equipment, together with its component parts, shall be made in such a way as to ensure that it can be safely and properly assembled and connected.
- c. The electrical equipment shall be so designed and manufactured as to ensure that protection against the hazards set out in paragraphs (2) and (3) of this Annex is assured, providing that the electrical equipment is used in applications for which it was made and is adequately maintained.

2. Protection against hazards arising from the electrical equipment

Measures of a technical nature shall be prescribed in accordance with paragraph (1) above, in order to ensure:

- a. That persons are adequately protected against the danger of physical injury or other harm which might be caused by direct or indirect contact;
- b. That temperatures, arcs, radiations or electromagnetic influences which would cause a danger for persons or property or environment, are not produced;
- c. That persons and property are adequately protected against nonelectrical dangers caused by the electrical equipment which are revealed by experience;
- d. That the insulation must be suitable for foreseeable conditions of use of the electrical equipment.
- e. Must be taking into account the voltage and frequency of each Member State, as well as the type and shape of the plugs and socket outlets used in each state according to the following table:

	United Arab Emirates	Kingdom of Bahrain	Kingdom of Saudi Arabia	Sultanate of Oman	State of Qatar	State of Kuwait	Republic of Yemen
Rated voltage (Volt)	230/400±10%_6%	230/400±6%	127/220±5 For domestic and commercial use 220/380 ±5 For industrial use	240/415±6%	240/415±6%	240/415±6%	220/400±6%
Frequency (Hertz)	50 Hz ±0.5 (1%)	50 Hz ±0.5 (1%)	60 Hz ± 0.1	50 Hz ±0.5 (1%)	50 Hz ±0.5 (1%)	50 Hz ±0.5 (1%)	50 Hz
Type and shape of the plugs and sockets	C/D/G	G	G	C/G	D/G	C/G	A/D/G

Note: Type and shape of the plugs and sockets shall be reviewed from the IEC website www.iec.ch.

f. Electrical equipment intended to operate in non-air-conditioned or external atmospheres shall be designed to work in those atmospheres commensurate with the weather conditions in the Member States.

3. Protection against hazards, which may be caused by external influences on the electrical equipment

Technical measures are to be laid down in accordance with paragraph (1) of this Annex, in order to ensure:

a. That the electrical equipment meets the expected mechanical requirements in such a way that persons and property are not endangered;



- b. That the electrical equipment shall be resistant to non-mechanical influences in expected environmental conditions, in such a way that persons and property are not endangered;
- c. That the electrical equipment shall not endanger persons and property in foreseeable conditions of overload.

4. Requirements for electromagnetic compatibility

- a. The electromagnetic disturbance generated by electrical equipment does not exceed the level above which radio and telecommunications equipment or other equipment cannot operate as intended;
- b. Electrical equipment has a level of immunity to the electromagnetic disturbance to be expected in its intended use, which allows it to operate without unacceptable degradation of its intended use.



Annex (2)

Equipment and phenomena outside the scope of this technical regulation

1. Electrical equipment for use in an explosive atmosphere
2. Electrical equipment for radiology and medical purposes
3. Electrical parts for goods and passenger lifts
4. Electricity meters
5. Electric fence controllers
6. Radio-electrical interference
7. Specialized electrical equipment, for use on ships, aircraft or railways, which complies with the safety provisions drawn up by International Bodies in which the Member States participate.

Annex (3)

Conformity Assessment Procedure related to electrical equipment in list (1)

1. Technical Documentation:

- a. The Manufacturer shall establish the Technical Documentation, which shall make it possible to assess the conformity of electrical equipment to the relevant requirements, and shall include an adequate analysis and assessment of the risk(s).
- b. The Technical Documentation shall specify the applicable requirements and cover, as far as relevant for the assessment, the design, manufacture and operation of electrical equipment. The Technical Documentation shall, wherever applicable, contain at least the following elements:
 1. A general description of electrical equipment;
 2. A detailed description with conceptual design and manufacturing drawings, including a list of components, materials, sub-assemblies and circuits used in the electrical equipment;
 3. Descriptions and explanations necessary for the understanding of those drawings and schemes and the operation of electrical equipment;
 4. The addresses of the places of manufacture and storage of electrical equipment;
 5. A list of the Gulf or IEC Standards applied in full or in part, and descriptions of the solutions adopted to meet the essential requirements of the Gulf Technical Regulations in force where those Gulf or IEC Standards have not been applied. In the event of partly applied Gulf Standards, the Technical Documentation shall specify the parts, which have been applied;
 6. Results of design calculations made, examinations carried out, etc.;
 7. A description of the conformity assessment procedure followed;
 8. Test reports from in-house laboratories belonging to the Manufacturer, in accordance with Article (22) of this Regulation, or from a Notified Body.
- c. The Technical Documentation shall be drawn up in Arabic language. If it is not possible, documents in English can be submitted after the approval of the Competent National Authorities in the Member States.

- d. Following a reasoned request from the Market Surveillance Authority of a Member State, the Manufacturer shall provide a translation of the relevant parts of the Technical Documentation into the Arabic language.
- e. When the Competent National Authorities request the Technical Documentation or a translation of parts thereof from a Manufacturer or an Importer, it may fix a deadline for receipt of such file or translation, which shall be 20 working days, unless a shorter deadline is justified in the case of serious and immediate risk.
- f. If the Manufacturer or the Importer does not comply with the requirements of points (c), (d) and (e) of this paragraph, the Market Surveillance Authorities may require it to have a test performed by a Notified Body at its own expense within a specified period in order to verify the compliance of the electrical equipment with the homologated Standards and the safety and electromagnetic compatibility requirements set out in Articles (4) and (6) and Annex (1).

2. Manufacturing:

- a. The Manufacturer shall take all measures necessary so that the manufacturing process and its monitoring ensure conformity of the manufactured electrical equipment with the Technical Documentation mentioned in paragraph (1), and with the requirements of the Gulf Technical Regulations that apply to them.
- b. The management systems which are in conformity with the relevant Gulf or ISO Standards specifications related to management systems shall presume conformity with the requirements set out in point (a) of this paragraph.

3. Gulf Conformity Marking and Declaration of Conformity:

- a. The Manufacturer shall affix the GCC Conformity Marking in accordance with the relevant Gulf Technical Regulations and requirements to each individual electrical equipment that is in conformity with the requirements of the Gulf Technical Regulations in force.



- b. The Manufacturer shall draw up a written Declaration of Conformity for each electrical equipment Model (Manufacturer Declaration of Conformity) in accordance with Article 17(1) and the model sets out in Annex (5), and shall keep it among the Technical Documentation at the disposal of the Competent National Authorities for 10 years after the product has been placed on the market. The Manufacturer Declaration of Conformity shall identify the product Model for which it has been drawn up.
- c. A copy of the Manufacturer Declaration of Conformity shall be made available to the relevant authorities upon request.

4. The Manufacturer's Authorized Representative:

The Manufacturer's Authorized Representative may fulfill the obligations set out in paragraph (3) on behalf the Manufacturer, provided that they are specified in the mandate.

Annex (4)

Conformity Assessment Procedure related to electrical equipment in list (2)

1. The Manufacturer shall lodge an application for Gulf-type examination with a single Notified Body of his choice. The application shall include:
 - a. The name and address of the Manufacturer and, if the application is lodged by the Authorized Representative, his name and address as well;
 - b. A written declaration that the same application has not been lodged with any other Notified Body;
 - c. The Technical Documentation set out in paragraph (2) below;
 - d. The representative specimens of the product. The Notified Body may request further specimens if needed for carrying out the test programme;
 - e. The supporting evidence for the adequacy of the technical design solution. This supporting evidence shall mention any documents that have been used, in particular where the relevant Gulf or IEC Standards have not been applied in full. The supporting evidence shall include, where necessary, the results of tests carried out by the appropriate laboratory of the Manufacturer, or by another testing laboratory on his behalf and under his responsibility.
2. **Technical Documentation:**
 - a. The Manufacturer shall establish the Technical Documentation, which shall make it possible to assess the conformity of electrical equipment to the relevant requirements, and shall include an adequate analysis and assessment of the risk(s).
 - b. The Technical Documentation shall specify the applicable requirements and cover, as far as relevant for the assessment, the design, manufacture and operation of electrical equipment. The Technical Documentation shall, wherever applicable, contain at least the following elements:
 1. A general description of electrical equipment;
 2. A detailed description with conceptual design and manufacturing drawings, including a list of components, materials, sub-assemblies and circuits used in the electrical equipment;
 3. Descriptions and explanations necessary for the understanding of those drawings and schemes and the operation of electrical equipment;

4. The addresses of the places of manufacture and storage of electrical equipment;
 5. A list of the Gulf or IEC Standards applied in full or in part, and descriptions of the solutions adopted to meet the essential requirements of the Gulf Technical Regulations in force where those Gulf or IEC Standards have not been applied. In the event of partly applied Gulf Standards, the Technical Documentation shall specify the parts, which have been applied;
 6. Results of design calculations made, examinations carried out, etc.;
 7. 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.
 8. A description of the conformity assessment procedure followed.
 9. Test reports from in-house laboratories belonging to the Manufacturer, in accordance with Article (22) of this Regulation, or from a Notified Body.
- c. The Technical Documentation shall be drawn up in Arabic language. If it is not possible, documents in English can be submitted after the approval of the Competent National Authorities in the Member States.
 - d. Following a reasoned request from the Market Surveillance Authority of a Member State, the Manufacturer shall provide a translation of the relevant parts of the Technical Documentation into the Arabic language.
 - e. When the Competent National Authorities request the Technical Documentation or a translation of parts thereof from a Manufacturer or an Importer, it may fix a deadline for receipt of such file or translation, which shall be 20 working days, unless a shorter deadline is justified in the case of serious and immediate risk.

- f. If the Manufacturer or the Importer does not comply with the requirements of points (c), (d) and (e) of this paragraph, the Market Surveillance Authorities may require it to have a test performed by a Notified Body at its own expense within a specified period in order to verify the compliance of the electrical equipment with the homologated Standards and the safety and electromagnetic compatibility requirements set out in Articles (4) and (6) and Annex (1).
- g. The Manufacturer shall keep the Technical Documentation at the disposal of the Competent National Authorities for 10 years after the electrical equipment has been placed on the market.
3. **The Notified Body shall:**
- a. **For Electrical equipment:**
1. Examine the Technical Documentation and supporting evidence to assess the adequacy of the technical design of electrical equipment.
 2. Evaluate, if necessary together with the Manufacturer, the risk analysis carried out by the Manufacturer in accordance with Article (19).
- b. **For the specimen(s):**
1. Verify that the specimen(s) have been manufactured in conformity with the Technical Documentation, and identify the elements which have been designed in accordance with the applicable provisions of the relevant Gulf or IEC Standards, as well as the elements which have been designed without applying the relevant provisions of those Standards;
 2. Carry out appropriate examinations and tests, or have them carried out, to check whether, where the Manufacturer has chosen to apply the solutions in the relevant Gulf or IEC Standards, these have been applied correctly;
 3. Carry out appropriate examinations and tests, or have them carried out, to check whether, where the solutions in the relevant Gulf or IEC Standards have not been applied, the solutions adopted by the Manufacturer meet the corresponding essential requirements of the Gulf Technical Regulations in force;
 4. Agree with the Manufacturer on a location where the examinations and tests will be carried out.

c. The Notified Body shall draw up an evaluation report that records the activities undertaken in accordance with points (a) and (b) of paragraph (3) and their outcomes. Without prejudice to its obligations vis-à-vis the Notifying Authority, the Notified Body shall release the content of that report, in full or in part, only with the agreement of the Manufacturer.

d. For the Gulf-type examination certificate:

1. Where the type meets the requirements of the Gulf Technical Regulations in force that apply to the concerned electrical equipment, the Notified Body shall issue a Gulf-type examination certificate to the Manufacturer.
2. The Gulf-type examination certificate shall include a reference to this Technical Regulation and shall contain the name and address of the Manufacturer, a list of the tests performed, their conclusions together with a reference to the relevant test report, the conditions (if any) for its validity, and a color image of the electrical equipment, its clear description, including its dimensions and the necessary data for identification of the approved type. The certificate may have one or more Annexes attached.
3. The certificate and its Annexes shall contain all relevant information to allow the conformity of manufactured electrical equipment with the examined type to be evaluated and to allow for in-service control.
4. Where the type does not satisfy the requirements of the Gulf Technical Regulations in force that apply to the concerned electrical equipment, the Notified Body shall refuse to issue a Gulf-type examination certificate and shall inform the applicant accordingly, giving detailed reasons for its refusal.

e. For changes in the state of the art:

The Notified Body shall keep itself apprised of any changes in the generally acknowledged state of the art, and where these changes indicate that the approved type may no longer comply with the requirements of the Gulf Technical Regulations in force, and shall:

1. The Notified Body shall determine whether such changes require further investigation. If so, the Notified Body shall inform the Manufacturer accordingly.

2. Review the Gulf-type examination certificate, whenever necessary, in particular in case of a change to the manufacturing process, the raw materials or the components of the electrical equipment, and, in any case, every three years.
 3. The Manufacturer shall inform the Notified Body that holds the Technical Documentation relating to the Gulf-type examination certificate of all modifications to the approved type that may affect the conformity of the product with the essential requirements of the Gulf Technical Regulations in force or the conditions for validity of the certificate. Such modifications shall require additional approval in the form of an addition to the original Gulf-type examination certificate.
 - f. The Gulf-type examination certificate shall be withdrawn if the electrical equipment fails to comply with the safety and electromagnetic compatibility requirements set out in Articles (4) and (6) and Annex (1).
 - g. The Manufacturer shall keep a copy of the Gulf-type examination certificate, its Annexes and additions together with the Technical Documentation at the disposal of the Competent National Authorities for 10 years after the product has been placed on the market.
4. **Manufacturing:**
- a. The Manufacturer shall take all measures necessary so that the manufacturing process and its monitoring ensure conformity of the manufactured electrical equipment with the Technical Documentation mentioned in paragraph (2), with the approved type described in the Gulf-type examination certificate mentioned in point (d) of paragraph (3) and with the requirements of the Gulf Technical Regulations that apply to them.
 - b. The management systems which are in conformity with the relevant Gulf or ISO Standards specifications related to management systems shall presume conformity with the requirements set out in point (a) of this paragraph.
5. **Gulf Conformity Marking and Declaration of Conformity:**
- a. The Manufacturer shall affix the Gulf Conformity Marking in accordance with the relevant Gulf Technical Regulations and requirements to each individual electrical equipment that is in conformity with the requirements of the Gulf Technical Regulations in force.



- b. The Manufacturer shall draw up a written Declaration of Conformity for each electrical equipment Model (Manufacturer Declaration of Conformity) in accordance with Article 17(1) and the model sets out in Annex (5), and shall keep it among the Technical Documentation at the disposal of the Competent National Authorities for 10 years after the product has been placed on the market. The Manufacturer Declaration of Conformity shall identify the product Model for which it has been drawn up.
 - c. A copy of the Manufacturer Declaration of Conformity shall be made available to the relevant authorities upon request.
6. **The Manufacturer's Authorized Representative:**
- The Manufacturer's Authorized Representative may lodge the application referred to in paragraph (1) and fulfill the obligations set out in points (3.e), (3.g), and paragraph (5) on behalf the Manufacturer, provided that they are specified in the mandate.

Annex (5)
Manufacturer Declaration of Conformity

Declaration of Conformity	الإقرار بالمطابقة
1. Unique identification No of the electrical equipment(i.e Model no) -----	1. الرقم التعريفي الوحيد للجهاز أو المعدة الكهربائية (رقم الطراز مثلا) -----
2. Name of the manufacturer or his authorized representative -----	2. اسم الصانع أو ممثله الرسمي -----
3. Address of the manufacturer or his authorized representative -----	3. عنوان الصانع أو ممثله الرسمي -----
4. Object of the declaration (identification of electrical equipment allowing traceability) -----	4. موضوع الإقرار (تعريف الجهاز أو المعدة الكهربائية مع توفير معطيات التتبعية) -----
5. The object of the declaration described in point 4 is in conformity with the Gulf Technical Regulations -----	5. موضوع الإقرار المبين في الفقرة 4 مطابق لمتطلبات اللوائح الفنية الخليجية -----
6. References to the relevant standards used or references to the specifications in relation to which conformity is declared -----	6. الإشارة إلى المواصفات القياسية الخليجية المطبقة، أو المتطلبات الفنية المستخدمة في الإقرار بالمطابقة -----
7. The notified body name (if any) -----	7. اسم الجهة المقبولة (إذا لزم) -----
8. Number of the notified body -----	8. رقم الجهة المقبولة -----
9. Notified body scope -----	9. نطاق تدخل الجهة المقبولة -----
10. Additional information -----	10. معطيات إضافية -----
This declaration of conformity is issued under the sole responsibility of the manufacturer	تم إصدار هذا الإقرار تحت المسؤولية الكاملة للصانع
Signed for and on behalf of: -----	موقع من طرف وبتفويض عن: -----
(place and date of issue) -----	(مكان وتاريخ الإصدار) -----
(name, function) -----	(الاسم، الوظيفة) -----
(signature) -----	(التوقيع) -----

Documents to be annexed with this declaration:

- In case of the intervention of a Notified body the Conformity Assessment Procedure used & certificate issued

الوثائق الواجب إرفاقها مع هذا الإقرار:

- في حالة اللجوء إلى جهة مقبولة تحديد إجراء تفويض المطابقة المستخدم ونسخة من الشهادة الصادرة عنه

Annex (6)
Importer Declaration of Conformity

Declaration of Conformity		الإقرار بالمطابقة
1. Unique identification No of the electrical equipment (i.e Model no)	-----	1. الرقم التعريفي الوحيد للجهاز أو المعدة الكهربائية (رقم الطراز مثلا)
2. Name of the importer	-----	2. اسم المستورد
3. Address of the importer	-----	3. عنوان المستورد
4. Object of the declaration (identification of electrical equipment allowing traceability)	----- -----	4. موضوع الإقرار (تعريف الجهاز أو المعدة الكهربائية مع توفير معطيات التتبعية)
5. The object of the declaration described in point 4 is in conformity with the Gulf Technical Regulations	-----	5. موضوع الإقرار المبين في الفقرة 4 مطابق لمتطلبات اللوائح الفنية الخليجية
6. References to the relevant standards used, or references to the specifications in relation to which conformity is declared	----- -----	6. الإشارة إلى المواصفات القياسية الخليجية المطبقة، أو المتطلبات الفنية المستخدمة في الإقرار بالمطابقة
7. The notified body name (if any)	-----	7. اسم الجهة المقبولة (إذا لزم)
8. Number of the notified body	-----	8. رقم الجهة المقبولة
9. Notified body scope	-----	9. نطاق تدخل الجهة المقبولة
10. Additional information	-----	10. معطيات إضافية
This declaration of conformity is issued under the sole responsibility of the importer		تم إصدار هذا الإقرار تحت المسؤولية الكاملة للمستورد
Signed for and on behalf of: -----		موقع من طرف وبتفويض عن:
(place and date of issue)	-----	(مكان وتاريخ الإصدار)
(name, function)	-----	(الاسم، الوظيفة)
(signature)	-----	(التوقيع)

Documents to be annexed with this declaration:

- In case of the intervention of a Notified body the Conformity Assessment Procedure used & certificate issued

الوثائق الواجب إرفاقها مع هذا الإقرار:

- في حالة اللجوء إلى جهة مقبولة تحديد إجراء تفويض المطابقة المستخدم ونسخة من الشهادة الصادرة عنه