



هيئة التقييس

لدول مجلس التعاون لدول الخليج العربية  
GCC Standardization Organization

SUSTAINABLE PARTNERSHIP



## Gulf Technical Regulation for Low Voltage Electrical Equipment & Appliances



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

The issuance of this regulation is aimed to achieve integration and conjunction of the Gulf common market, and ensure the safety and quality of the goods that enter the Member States markets, for the safety and the interest of their citizens, and promoting of the path of economic integration going along with the customs union requirements in the member states to contribute to the trade, bolster Gulf economy, maintain and preserve the gains of Gulf member states and reduction of technical barriers to trade.

GSO seeks through the issuance of this regulation to the economic operators benefits by developing harmonized procedures for Gulf conformity assessment and standards that will facilitate the movement of goods into the Member States and between them.

By removing the technical barriers, the Gulf market competition will be consolidated so that to sell safety and safe products with regard to the health and consumer safety that must be fulfilled on all low voltage electrical equipment to allow placing them on the market and then move freely in the Customs Union area.

### Regulation Objectives

The Technical Regulation for Low Voltage Electrical Equipment and Appliances (BD-142004-01) 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. Electrical equipment: means all electrical and electronic devices and appliances and fixtures that contain electrical and/or electronic components designed for use with the rate of a Low Voltage.

### **Benefits to economic operators:**

1. Unification of conformity Assessment procedures in accordance with the Gulf unified regulations and standards.
2. Mutual recognition of international conformity schemes and the most important of IECEE CB Scheme
3. Remove the technical barriers and set up the unified GCC market with fair competition and uniform conditions without impeding products in customs ports if they meet the requirements of the regulation.
4. Clarify the obligations and responsibilities of the manufacturer and the importer such as provide technical documentation and declaration of conformity

of the manufacturer and the importer to the Gulf technical regulations.

5. Affix the Gulf Conformity Marking on products which make it easier for consumers to identify safe products that conforms to the Gulf regulations and reduce costs related to customs clearance and market surveillance.

6. Enable manufacturer and importer to move compliant products freely within the Member States markets, namely after taking into consideration the national differences, such as volts, frequency and plugs and sockets in each of the Member States.

## Safety Objectives

The Manufacturer and the Importer shall ensure and prove before placing Electrical equipment on the market or making them available on the market, that Electrical equipment have been constructed in accordance with good engineering practice in safety essential requirement 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.

## OBLIGATIONS OF ECONOMIC OPERATORS

### Obligations of the Manufacturer

1. The Manufacturer shall place on the market only electrical equipment conforming to the requirements of the Technical Regulation for Low Voltage Electrical Equipment and Appliances (BD-142004-01).



2. 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.
3. 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 the Technical Regulation for Low Voltage Electrical Equipment and Appliances (BD-142004-01).
4. The Manufacturer shall carry out the applicable conformity assessment procedure and shall provide the necessary evidence about it.
5. Where compliance of electrical equipment with the requirements has been demonstrated, the Manufacturer shall draw up a Manufacturer Declaration of Conformity, and affix the Gulf Conformity Marking in accordance with the relevant gulf requirements related to Gulf Conformity Marking.
6. The Manufacturer Declaration of Conformity shall be kept for a period of 10 years after the electrical equipment has been placed on the market.

7. 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.
8. 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.
9. 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.
10. 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.
11. 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.



12. 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.

13. 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.

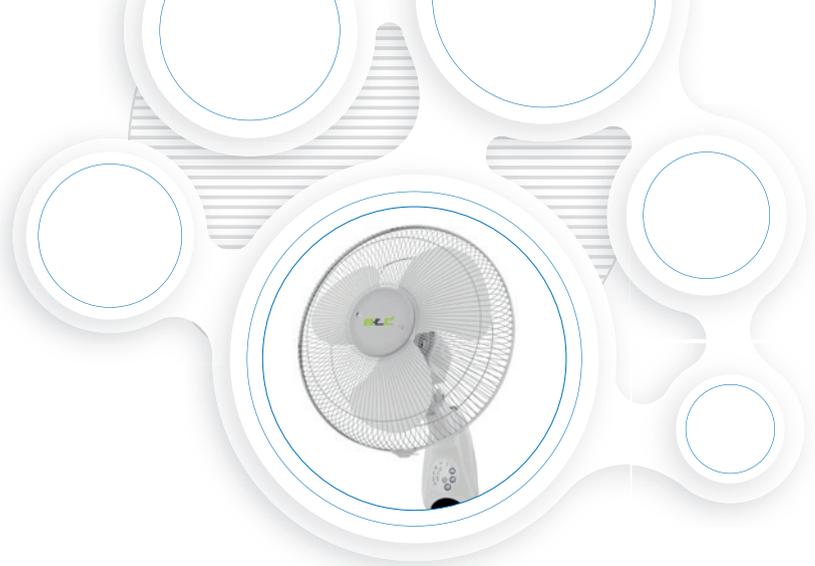
14. The Manufacturer shall cooperate with the Competent National Authorities in the Member States, at its request, as regards any action taken to eliminate the risks posed by electrical equipment, which he has placed on the market.

### **Obligations of the Authorized Representative**

1. The Manufacturer may appoint an Authorized Representative, by a written mandate, for taking responsibilities except the responsibility of ensuring that electrical equipment has been designed and manufactured in accordance with the requirements set out in the Technical Regulation for Low Voltage Electrical Equipment and Appliances (BD-142004-01) and the responsibility of preparing the technical documentation.

2. 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.



## Obligations of the Importer

1. The Importer shall place on the market only electrical equipment conforming to the requirements of the Technical Regulation for Low Voltage Electrical Equipment and Appliances (BD-142004-01).
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 Technical Regulation for Low Voltage Electrical Equipment and Appliances (BD-142004-01) requirements.
4. The Importer shall draw up a written Declaration of Conformity of electrical equipment.
5. Where an Importer considers or has reason to believe that electrical equipment is not in conformity with the requirements, 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 Technical Regulation for Low Voltage Electrical Equipment and Appliances (BD-142004-01) requirements.

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 days.

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.

## 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 Technical Regulation for Low Voltage Electrical Equipment and Appliances (BD-142004-01) requirements.
3. Where a Distributor considers or has reason to believe that electrical equipment is not in conformity with the requirements set out in the Technical Regulation for Low Voltage Electrical Equipment and Appliances (BD-142004-01), 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 Technical Regulation for Low Voltage Electrical Equipment and Appliances (BD-142004-01) requirements.



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.