

**MARKET ACCESS FOR NON-AGRICULTURAL PRODUCTS**

Negotiating Text

Understanding on the Interpretation of the Agreement on  
Technical Barriers to Trade as Applied to Trade in Electronics

*Communication from the European Communities and Switzerland*

The following communication, dated 7 September 2009, is being circulated at the request of the delegation of the European Communities and Switzerland as a revision of the earlier document JOB(07)/42/Rev.1 as included in the compilation of texts of the Chairman of the Negotiating Group on Market Access of 6 December 2008 (TN/MA/W/103/Rev.3).

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Understanding on the Interpretation of the Agreement on Technical Barriers to Trade  
as Applied to Trade in Electronics

*Members,*

*Recalling* that pursuant to paragraph 16 of the Doha Ministerial Declaration, Members agreed to negotiations aimed at reducing or as appropriate eliminating tariffs and non-tariff barriers on non agricultural products;

*Desiring* to further the expansion of production and trade in the area of electrical and electronics equipment, electrical household appliances and consumer electronics, so as to promote growth and employment and bridge global digital divides;

*Convinced* that reduction and, as appropriate, elimination of obstacles to trade in electronics caused by divergent, duplicative and burdensome national standards, technical regulations and conformity assessment procedures will be to the benefit of all Members, taking into account the importance of trade in electronics for developing countries and of the global nature of the industry;

*Affirming* their existing rights and obligations under the WTO Agreement, including the Agreement on Technical Barriers to Trade, in particular the current obligations that standards, technical regulations and conformity assessment procedures be based, where appropriate, on relevant international standards and be performance-based rather than prescriptive, and not prepared, adopted or applied with a view to or with the effect of creating unnecessary obstacles to international trade;

*Recalling* the work by the ITA Committee on conformity assessment procedures and the guidelines on electromagnetic compatibility agreed among ITA Members;

*Recognizing* the important role of the TBT Committee in providing Members an opportunity to consult on matters related to the operation of the TBT Agreement and the furtherance of its objectives, as well as the Committee's ability to establish working parties or other bodies as may be appropriate;

*Noting* that the reduction and, as appropriate, elimination of non-tariff barriers in electronics does not prevent Members from taking measures consistent with the Agreement on Technical Barriers to Trade that are necessary to, *inter alia*, protect human, animal, or plant life or health or the environment; or to prevent deceptive practices; or to protect essential security interests;

*Desiring* to interpret the provisions of the Agreement on Technical Barriers to Trade as they apply to standards, technical regulations and conformity assessment procedures for trade in electronics products;

Hereby *agree* as follows:

1. This Understanding applies to standards, technical regulations, and conformity assessment procedures related to the safety and electromagnetic compatibility (EMC) of electrical and electronics equipment, electrical household appliances and consumer electronics specified in Annex 1 of this Understanding.

2. The terms used in this Understanding shall have the same meaning as in the Agreement on Technical Barriers to Trade, unless otherwise specified in Annex 3 of this Understanding.

### **3. International Standardisation and Innovation**

#### **3.1 International Standard-Setting Bodies**

3.1.1 For the purpose of applying Articles 2.4, 5.4 and point F of Annex 3 of the TBT Agreement regarding safety of electrical equipment and their electromagnetic compatibility for the products under this Understanding, the International Organization for Standards (ISO), International Electrotechnical Commission (IEC) and the International Telecommunication Union (ITU) shall be considered relevant international standard-setting bodies.

#### **3.2 Convergence to International Standards**

3.2.1 Without prejudice to Art. 2.3 of the Agreement on Technical Barriers to Trade, Members undertake to review technical regulations covered by this Understanding with a view to increasing their convergence to applicable international standards at regular intervals, not exceeding five years. When reviewing their existing technical regulations, Members shall consider whether the circumstances that have given rise to any national divergence from the international standard continues to exist.

3.2.2 In this review, Members should consider the possibility of making reference to standards as a means to confer a presumption of conformity with requirements of their domestic technical regulations to products complying with the specifications of standards. Such standards shall be in compliance with Art. 2.4 of the Agreement of Technical Barriers to Trade.

#### **3.3 Alternative Standardisation Documents for Innovative Products**

3.3.1 For innovative electronic products covered by this Understanding, Members note that interested parties and industry consortia may develop technical specifications that facilitate production and marketing of such innovative products insofar as international standards do not exist or do not

address sufficiently the innovative feature. These technical specifications may be presented within the relevant international standard-setting bodies as referred to in Article 3.1 to be approved as soon as the interested parties have found agreement.

3.3.2 Any alternative standardisation document for innovative products under the coverage of this Understanding that has been elaborated demonstrably in full respect of the principles set out in the Decision of the WTO Committee on Technical Barriers to Trade (G/TBT/1/Rev.8) of 23 May 2002, Section IX (*Decision of the Committee on Principles for the Development of International Standards, Guides and Recommendations with relation to Articles 2, 5 and Annex 3 of the Agreement*) on the development of international standards, shall be considered akin to an international standard for the purpose of applying Article 2.4 of the Agreement on Technical Barriers to Trade *provided that*:

- (a) the technical specifications contained in such alternative standardisation document are used in the design of a specific product category under the coverage of this Understanding in a majority of the products traded world-wide of that specific product category; and
- (b) such document is presented by at least two members of a relevant international standard-setting body as defined under paragraph 3.1 jointly with a clear demonstration of how the abovementioned principles have been respected with a view to its adoption as an international standard; and
- (c) within a period of [3-5] months from the date of presentation of the alternative standardisation document referred to under paragraph b, the international standard-setting body shall publish the document following its appropriate procedure; and
- (d) the interested parties or industry consortia that have elaborated this alternative standardisation document do not restrict the use of the technical specifications through licenses or other entitlements and disclose all the technical information necessary to implement the standard.

3.3.3 In order to gain the full status of an international standard, the alternative standardisation document has to be approved according to the applicable rules of the relevant international standardisation body.

#### 3.4 Development of International Standards, Guides and Recommendations

For international standards to make a maximum contribution to the achievement of trade facilitation for the products under this Understanding, Members confirm the importance they attach to the principles set out in the Decision of the WTO Committee on Technical Barriers to Trade (G/TBT/1/Rev.8) of 23 May 2002, Section IX (*Decision of the Committee on Principles for the Development of International Standards, Guides and Recommendations with relation to Articles 2, 5 and Annex 3 of the Agreement*) on the development of international standards.

#### 3.5 Innovation and New Features

3.5.1 No Member shall prevent or unduly delay the placing on its market of a product on the ground that it incorporates a new technology or a new feature which has not yet been regulated unless that Member can demonstrate, based on scientific or technical information, that this new technology or new feature creates a risk for safety or for electromagnetic compatibility or for any other legitimate objective as listed in Art. 2.2 of the Agreement of Technical Barriers to Trade.

3.5.2 When a Member decides to refuse the placing on the market or to require the withdrawal from the market of a product on the ground that it incorporates a new technology or a new feature creating a risks referred to in paragraph 3.5.1, this Member shall immediately notify this decision to the Member of origin of the product and to the economic operator concerned. The notification shall include all relevant scientific or technical information.

#### **Conformity Assessment Procedures for Electromagnetic Compatibility**

4. For the purpose of applying Article 5.1.2 of the TBT Agreement, where a Member requires positive assurance of conformity with its applicable technical regulations or standards for electromagnetic compatibility for accepting a product on its market<sup>1</sup> covered by this Understanding, the Member shall accept any one or more of the following options as a means for providing such positive assurance of conformity:

- (a) a supplier's declaration of conformity as assurance of conformity with such standards or technical regulations where testing of the product by recognized test laboratories on the territory of the Member shall not be mandatory and, if testing is undertaken, the choice of the test laboratory shall rest with the supplier;
- (b) a supplier's declaration of conformity as assurance of conformity with such standards or technical regulations on the basis of test reports issued by competent test laboratories.

The supplier's declaration of conformity shall be based on ISO/IEC 17050.

5. Where a Member requires positive assurance of conformity in accordance with paragraph 4(b) of this Understanding, that Member shall not require third-party testing to be performed by a test laboratory within its territory and shall accept test reports:

- (i) in form of the International Electrotechnical Commission System for Conformity Testing and Certification of Electrical Equipment (IECEE CB Scheme) Test Reports, issued by one of the recognized CB Testing Laboratories, by one of the Recognised CB Manufacturer's Testing Laboratories, or by one of the National Certification Bodies, provided this is in accordance with the rules and procedures of the IECEE CB Scheme and with the Member's commitments thereunder;<sup>2</sup> or
- (ii) issued in accordance with relevant international standards, guides and recommendations, including ISO/IEC 17025 and ISO/IEC Guide 65, by any test laboratory that has been accredited by a signatory to the International Laboratory Accreditation Cooperation Mutual Recognition Agreement (ILAC MLA), or one of its regional bodies' mutual recognition agreements (MLAs), and designated by a competent body of another WTO Member.

6. Members shall not require mandatory third-party certification and developed country Members shall endeavour to accept supplier's declaration of conformity in accordance with paragraph 4(a) of this Understanding.

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<sup>1</sup> This includes, where applicable, the granting of permissions to use any marks that have mandatory status for placing the product on the market.

<sup>2</sup> This may include any supplementary testing for national differences in conformity with the CB Scheme.

### Conformity Assessment Procedures for Safety

7. For the purpose of applying Article 5.1.2 of the TBT Agreement, where a Member requires positive assurance of conformity with its applicable technical regulations or standards for safety for accepting a product on its market<sup>3</sup> covered by this Understanding, the Member shall accept any one or more of the following options as a means for providing such positive assurance of conformity:

- (a) a supplier's declaration of conformity as assurance of conformity with such standards or technical regulations where testing of the product by recognized test laboratories on the territory of the Member shall not be mandatory and, if testing is undertaken, the choice of the test laboratory shall rest with the supplier;
- (b) a supplier's declaration of conformity as assurance of conformity with such standards or technical regulations on the basis of test reports issued by competent test laboratories;
- (c) a certificate as assurance of conformity with such standards and technical regulations issued by a conformity assessment body approved for that purpose.

The supplier's declaration of conformity shall be based on ISO/IEC 17050. Developed Members shall not require a positive assurance of conformity in accordance with paragraph 7(c).

8. Where a Member requires positive assurance of conformity in accordance with paragraphs 7(b) or 7(c) of this Understanding, that Member shall not require third-party testing to be performed by a test laboratory within its territory and shall accept test reports:

- (i) in form of the International Electrotechnical Commission System for Conformity Testing and Certification of Electrical Equipment (IECEE CB Scheme) Test Reports, issued by one of the recognized CB Testing Laboratories, by one of the Recognised CB Manufacturer's Testing Laboratories, or by one of the National Certification Bodies, when in accordance with the rules and procedures of the IECEE CB Scheme and with the Member's commitments thereunder;<sup>4</sup> or
- (ii) issued in accordance with relevant international standards, guides and recommendations, including ISO/IEC 17025 and ISO/IEC Guide 65, by any test laboratory that has been accredited by a signatory to the International Laboratory Accreditation Cooperation Mutual Recognition Agreement (ILAC MLA), or one of its regional bodies' mutual recognition agreements (MLAs), and designated by a competent body of another WTO Member.

9. Where a Member requires third-party certification as positive assurance of conformity in accordance with paragraph 7(c), that Member shall not require the body performing the third-party certification to be within its territory and shall accept a certificate in form of the International Electrotechnical Commission System for Conformity Testing and Certification of Electrical Equipment (IECEE CB Scheme) Test Certificates, accompanied by valid CB Test Reports, issued by one of the Issuing and Recognizing National Certification Bodies, provided this is in accordance with the rules and procedures of the IECEE CB Scheme and with the Member's commitments thereunder.<sup>5</sup>

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<sup>3</sup> This includes, where applicable, the granting of permissions to use any marks that have mandatory status for placing the product on the market.

<sup>4</sup> This may include any supplementary testing for national differences in conformity with the CB Scheme.

<sup>5</sup> This may include any supplementary testing for national differences in conformity with the CB Scheme.

10. In addition, that Member may accept certificates issued by any conformity assessment body that the Member deems competent, or otherwise approves, for that purpose provided that any requirements that the conformity assessment body must meet to be deemed competent or otherwise approved are based on relevant international standards, guides or recommendations, and that conformity assessment bodies in the territory of any other Member are accorded treatment no less favourable than conformity assessment bodies in the Member's own territory with respect to the procedures, criteria, and any other conditions with which conformity assessment bodies must comply in order for the Member to accredit or otherwise approve them as competent to test and certify that a product conforms with the Member's standard or technical regulation.

11. Developing Members requiring third party certification in accordance with paragraph 7(c) shall list these products in Annex 2 through a notification to the WTO Secretariat. Without prejudice to Art. 5.1.2 of the Agreement on Technical Barriers to Trade, Members undertake to review the products listed in Annex 2 with a view to reducing the number of products for which third party certification is required, at regular intervals, not exceeding five years. When reviewing the required conformity assessment procedures, Members shall positively consider the experience gained by other Members with assurances of conformity as described under paragraph 7 (a) and 7(b).

### **Ensuring Conformity for EMC and Safety**

12. Within [two] months of the entry into force of this Understanding and, thereafter on a triennial basis, Members shall notify to the Working Party established under paragraph 22 of this Understanding which one or more of the conformity assessment procedures under paragraph 4 and 7 are required for the products covered by this Understanding as positive assurance of conformity with regard to electromagnetic compatibility and safety. This notification shall also contain the list required under paragraph 11.

13. When revising existing regulatory measures or introducing new regulatory measures, Members shall take into account experiences of other Members with the introduction and maintenance of supplier's declaration of conformity, in accordance with paragraphs 4(a) and 7(a) of this Understanding.

### **Registration**

14. Registration of the product with the authorities of the importing Member, for placing a product on its market for the first time, may only be required if not more trade-restrictive than necessary, and registration shall be automatic. Members that have chosen supplier's declaration of conformity, in accordance with paragraphs 4(a) and 7(a), shall endeavour not to require any registration. The importing Member may review the assurance of conformity, but such review shall not prevent or otherwise delay the placing on the market of any product complying with its technical regulations and standards.

### **Transparency and Due Process**

15. Further to Articles 2.9, 2.10, 5.6 and 5.7 of the TBT Agreement, before amending an existing or adopting a new standard, technical regulation or conformity assessment procedure that is not in accordance with relevant standards, guides or recommendations issued by international standard-setting bodies, and in case the technical regulation or the conformity assessment procedure may have a significant effect on trade, Members shall also:

- (a) facilitate, upon request, consultations with any interested party and provide to interested parties information on the assessment of risks and the impact of any proposed standard, technical regulation or conformity assessment procedure; and
- (b) publish or otherwise make available the public responses to significant comments by other Members or interested parties at the same time as the adoption of the standard, technical regulation or conformity assessment procedure.

16. For the purpose of enabling interested parties to become acquainted with all technical regulations, in accordance with Article 2.11 of the TBT Agreement, Members shall ensure that any standard, technical regulation or conformity assessment procedure in force is publicly available and easily accessible to interested parties.

### **Emergency measures under market surveillance**

17. If a Member has good cause to believe that a particular product does not comply with the technical regulations applicable to it, or that the product creates risk for human health and safety, the Member may prevent the placement of that product on its market, or require the withdrawal of that product from its market. Any such emergency measures shall be notified to the exporting Member with an explanation of the reasons why such measures have been taken, based on technical or scientific information taking into account the intended end-use, and indicate whether the need for such measures is due to:

- (a) failure to comply with applicable technical regulations, or conformity assessment procedures; or
- (b) incorrect application of technical regulations, or conformity assessment procedures.

Any such emergency measure shall be repealed as soon as the reasons for its introduction no longer exist.

### **Transitional Arrangements and Technical Cooperation**

18. No Member shall be obliged to apply the provisions of this Understanding before the expiry of a period of three years following its entry into force.

19. Developing Members are entitled to extend the transition period provided for in paragraph 18 by one additional year for the application of paragraph 3 of this Understanding and two additional years for the application of paragraphs 4 to 11 of this Understanding.

20. As provided for by Article 11 of the TBT Agreement, developed Members shall provide, on request and on mutually agreed terms and conditions with developing and least-developed Members, technical cooperation in the implementation of the commitments under this Understanding. This should also include technical cooperation on post-market surveillance based on the experience in developed Members.

21. Members shall encourage their competent bodies to participate in international accreditation systems and to become signatories of international accreditation schemes.

### **Final Provision**

22. Pursuant to Article 13.2 of the TBT Agreement, the TBT Committee, in coordination with the ITA Committee, shall establish a Working Party on Electrical and Electronics Goods. The Working Party shall oversee the operation and implementation of this Understanding, and to address any developments in global trade in electronics of importance to this Understanding, with particular emphasis on issues of interest and concern to developing Members.

23. On a triennial basis following the expiry of the general period provided in paragraph 18 of this Understanding, the Working Party shall examine Members' regimes with respect to compliance with this Understanding and in particular the justifications provided by Members under paragraph 12. The Working Party shall establish a report on the findings of its examination. The Working Party shall also examine the products listed in Annex 1 of this Understanding with the aim of systematically expanding the product list. The Working Party shall also examine the state of Annex 2 with a view to exchanging experiences with the different conformity assessment procedures applied by Members by product groups.

24. The Annexes to this Understanding constitute an integral part thereof.



Annex 1

**Electrical and Electronic Equipment, Electrical Household Appliances  
and Consumer Electronics covered under this Agreement**

[Scope to be determined:

This Agreement covers the products contained in the WTO Information Technology Agreement and the products listed below, except for those with a voltage range of higher than 1000 voltage for alternating current and 1500 voltage for direct current, parts and components for motor vehicles, and products for specific uses when duly justified and appropriate to the potential level of risk.]

HS2002 No.	PRODUCT DESCRIPTION
841451	Table, floor, wall, window, ceiling or roof fans,
841459	Fans (excl. Table, floor, wall, window, ceiling or roof fans)
841460	Hoods incorporating a fan
841510	Window or wall air conditioning machines, self-contained
841581	Air conditioning machines incorporating a refrigerating unit and valve for reversal of the cooling/heat cycle, nes.
841582	Air conditioning machines incorporating a refrigerating unit, nes.
841583	Air conditioning machines comprising a motor-drive
841810	Combined refrigerator-freezers, with separate external doors
841821	Household refrigerators, compression-type
841822	Household electrical refrigerators, absorption-type
841829	Household refrigerators, non-electrical, absorption type
841830	Freezers of the chest type, of a capacity <= 800 l
841840	Freezers of the upright type, of a capacity <= 900l
841850	Refrigerated or freezing chests, cabinets, display
842211	Dish-washing machines of the household type
842219	Dish-washing machines (excl. Those of the household)
842430	Water cleaning appliances with built-in motor
845011	Fully-automatic household or laundry-type washing machines
845012	Household or laundry-type washing machines, with built-in centrifugal dryer
845019	Household or laundry-type washing machines, of a dry linen capacity <=10kg, nes.
845020	Laundry-type washing machines, of a dry linen capacity >10kg
845121	Drying machines, of a dry linen capacity <= 10 kg
845129	Drying machines for textile yarns, fabrics or made up textiles articles
846912	Typewriters, automatic (excl. Word-processing machines)
846920	Typewriters, electric (excl. Automatic typewriters)
850110	Motors of an output <= 37,5 w
850120	Universal ac/dc motors of an output > 37,5 w
850131	Dc motors of an output > 37,5 w but <= 750 w
850132	Dc motors and dc generators of an output > 750 w b
850133	Dc motors and dc generators of an output > 75 kw b
850134	Dc motors and dc generators of an output > 375 kw
850140	Ac motors, single-phase, of an output > 37,5 w
850151	Ac motors, multi-phase, of an output > 37,5 w but
850152	Ac motors, multi-phase, of an output > 750 w but <75kw
850153	Ac motors, multi-phase, of an output > 75 kw
850161	Ac generators "alternators", of an output <= 75 kva
850162	Ac generators 'alternators', of an output > 75 kva
850163	Ac generators 'alternators', of an output > 375 kva

HS2002 No.	PRODUCT DESCRIPTION
850164	Ac generators 'alternators', of an output > 750 kva
850231	Generating sets, wind-powered
850239	Generating sets (excl. Wind-powered and powered by spark-ignition internal combustion piston engines)
850240	Electric rotary converters
850421	Liquid dielectric transformers, having a power handling capacity <=650kva
850422	Liquid dielectric transformers, having a power handling capacity>650kva to 1600kva
850423	Liquid dielectric transformers, having a power handling capacity>1600kva to 10,000kva
850431	Transformers having a power handling capacity <= 1kva
850432	Transformers, having a power handling capacity > 1kva to 16kva
850433	Transformers having a power handling capacity > 16kva
850434	Transformers having a power handling capacity > 500kva, nes.
850440*	Static converters
850450*	Inductors (excl. Inductors for discharge lamps or tubes)
850490	Parts of electrical transformers and inductors, nes.
850530	Electro-magnetic lifting heads
850590	Electromagnets and their parts (excl. Magnets for medical use)
850610	Manganese dioxide cells and batteries (excl. Spent)
850630	Mercuric oxide cells and batteries (excl. Spent)
850640	Silver oxide cells and batteries (excl. Spent)
850650	Lithium cells and batteries (excl. Spent)
850660	Air-zinc cells and batteries (excl. Spent)
850680	Primary cells and primary batteries, electric (excl. Spent)
850690	Parts of primary cells and primary batteries, n.e.
850710	Lead-acid accumulators of a kind used for starting piston engines
850720	Lead acid accumulators (excl. Spent and starter batteries)
850730	Nickel-cadmium accumulators (excl. Spent)
850740	Nickel-iron accumulators (excl. Spent)
850780	Electric accumulators (excl. Spent and lead-acid, nickel-cadmium, nickel-iron, nickel-hydride, lithium-ion accumulators)
850910	Domestic vacuum cleaners, incl. Dry cleaners and wet vacuum cleaners, with self-contained electric motor
850920	Domestic floor polishers, with self-contained electric motor
850930	Domestic kitchen waste disposers, with self-contained electric motor
850940	Domestic food grinders and mixers and fruit or vegetables juice extractors, with self-contained electric motor
850980	Electro-mechanical household appliances, with self-contained electric motor
851010	Electric shavers
851020	Hair clippers with self-contained electric motor
851030	Hair-removing appliances with self-contained electric motor
851090	Parts of electric shavers, hair clippers and hair-removing appliances
851310	Portable electrical lamps, battery or magneto powered, nes.
851410	Resistance heated industrial or laboratory furnaces and ovens
851420	Furnaces and ovens functioning by induction or dielectric loss
851430	Electric industrial or laboratory furnaces and ovens
851440	Industrial or laboratory induction or dielection heating equipment, nes.
851511	Soldering irons and guns, electric
851519	Brazing or soldering machines (excl. Soldering irons)
851521	Fully or partly automatic machines for resistance welding of metal, fully or partly automatic
851529	Machines for resistance welding of metals, neither fully nor partly automatic
851531	Fully or partly automatic machines for arc welding of metals
851539	Machines for arc welding of metals, incl. Plasma arc welding
851580	Electric machines and apparatus for laser or other
851610	Electric instantaneous or storage water heaters and immersion heaters

HS2002 No.	PRODUCT DESCRIPTION
851621	Electric storage heating radiators,
851629	Electric space-heating and soil-heating apparatus
851631	Electric hairdryers
851632	Electro-thermic hair dressing apparatus (excl. Hairdryers)
851633	Electric hand-drying apparatus
851640	Electric smoothing irons
851650	Microwave ovens
851660	Electric ovens, cookers, cooking plates and boiling rings and hobs
851671	Electro-thermic coffee or tea makers, for domestic use
851672	Electric toasters, for domestic use
851679	Electro-thermic appliances, for domestic use
851680	Electric heating resistors (excl. Those of agglomerated carbon or graphite)
851810*	Microphones and stands therefore (excl. Cordless microphones with built-in transmitter)
851821	Single loudspeakers, mounted in their enclosures
851822	Multiple loudspeakers, mounted in the same enclosures
851829	Loudspeakers, without enclosure
851830*	Headphones and earphones, whether or not combined
851840	Audio-frequency electric amplifiers
851850	Electric sound amplifier sets
851910	Coin-operated or disc-operated record-players
851921	Record players without loudspeaker
851929	Record players with loudspeaker (excl. Coin-operated)
851931	Turntables 'record-decks', with automatic record-changer
851939	Turntables 'record-decks', without automatic record-changer
851940	Transcribing machines
851992	Pocket-size cassette players 'dimensions <= 170 mm
851993	Cassette players "play only" (excl. Pocket-size and dictating machines)
851999	Sound-reproducing apparatus, not incorporating a sound recording device)
852010	Dictating machines not capable of operating without external power source
852032	Magnetic tape recorders incorporating sound-reproducing
852033	Cassette recorders incorporating sound-reproducing
852039	Magnetic tape recorders incorporating sound-reproducing
852090	Magnetic sound recording or reproducing equipment, nes.
852110	Magnetic tape-type video recording or reproducing apparatus for magnetic tape
852190	Video recording or reproducing apparatus, whether or not incorporating a video turning
852510*	Transmission apparatus for radio-telephony, radio-broadcasting or television
852530	Television cameras (excl. Video camera recorders)
852540*	Still image video cameras and other video camera recorders
852610	Radar apparatus
852691	Radio navigational aid apparatus
852692	Radio remote control apparatus
852712	Pocket-size radiocassette players
852713	Radio-broadcast receivers capable of operating without external source of power, nes
852719	Radio-broadcast receivers capable of operating with batteries
852731	Radio-broadcast receivers, for mains operation only, with analogue/digital reading system
852732	Radio-broadcast receivers, for mains operation only, with clock
852739	Radio-broadcast receivers, for mains operation only, without clock
852790	Receivers for radio-telephony, radio-telegraphy
852812	Television receivers, colour, whether or not incorporating a video recorder or reproducer
852813	Television receivers, black and white or other monochrome
852821	Video monitors, colour
852822	Video monitors, black and white or other monochrome
852830	Video projectors

HS2002 No.	PRODUCT DESCRIPTION
852910*	Aerials and aerial reflectors of all kinds; parts
852990*	Parts suitable for use solely or principally with the apparatus of headings 8525 to 8528, others
853110	Burglar or fire alarms and similar apparatus
853180	Electric sound or visual signalling apparatus (excl. Flat/indicator LEC/LED panels)
853510	Fuses for a voltage > 1.000 v
853521	Automatic circuit breakers for a voltage > 1.000 v
853529	Automatic circuit breakers for a voltage >= 72,5 k
853530	Isolating switches and make-and-break switches, for a voltage >1000v
853540	Lightning arresters, voltage limiters and surge suppressors for a voltage >1000v
853590	Electrical apparatus for switching, protecting or making connections to or in electrical circuits, for a voltage >1000v
853610	Fuses for a voltage <= 1.000 v
853620	Automatic circuit breakers for a voltage <= 1000 v
853630	Apparatus for protecting electrical circuits for a voltage <1000v
853641	Relays for a voltage <= 60 v
853649	Relays for a voltage > 60 v but <= 1.000 v
853650*	Switches for a voltage <= 1.000 v (excl. Relays and automatic circuit breakers)
853669*	Plugs and sockets for a voltage <= 1.000 v (excl. Those for coaxial cables and printed circuits)
853690*	Electrical apparatus for switching electrical circuits
853710	Boards, cabinets and similar combinations of apparatus (excl. Numerical control panels)
853720	Boards, cabinets and similar combinations of apparatus for electric control or the distribution of electricity
853810	Boards, panels, consoles, desks, cabinets and other bases for electric control
853910	Sealed beam lamp units
853921	Tungsten halogen filament lamps (excl. Sealed beam lamps units)
853922	Filament lamps of a power <= 200 w and for a voltage >100v
853929	Filament lamps, electric (excl. Tungsten halogen lamps)
853931	Discharge lamps, fluorescent, hot cathode
853932	Mercury or sodium vapour lamps; metal halide lamps
853939	Discharge lamps (excl. Fluorescent, hot cathode lamps)
853941	Arc-lamps
853949	Ultraviolet or infra-red lamps
854011	Cathode ray television picture tubes, incl. Video, colour
854012	Cathode-ray television picture tubes, incl. Video, black and white or other monochrome
854020	Television camera tubes; image converters and intensifiers and other photo cathode tubes
854040	Data/graphic display tubes, colour, with a phosphor dot screen pitch <0.4mm
854050	Data/graphic display tubes, black and white or other monochrome
854060	Cathode-ray tubes (excl. Television and video-monitors)
854071	Magnetrons
854072	Klystrons
854079	Microwave tubes
854081	Receiver or amplifier tubes
854089	Electronic valves and tubes (excl. Receiver or amplifier tubes)
854320	Signal generators, electrical
854330	Machines and apparatus for electroplating
854340	Electric fence energisers
854381	Proximity cards and tags, generally consisting of an integrated circuit
854389*	Electrical machines and apparatus, having individual functions
854420	Coaxial cables, antenna feeders
854441*	Telecommunications cables, optical cables (other electric conductors, voltage <80v)
900912	Laser multifunction printers

\* These are, in part, covered by ITA.

Annex 2

**Notification by Members of Products for which Conformity Assessment  
according to Paragraph 7 (c) is required**

Member Country

HS2002 No.	PRODUCT DESCRIPTION
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### Annex 3

#### **Terms and their Definitions for the Purpose of This Understanding**

For the purpose of this Understanding, the following definitions<sup>6</sup> shall apply:

"Safety of electrical equipment" means that equipment, having been constructed in accordance with good engineering practice in safety matters, does not endanger the safety of persons, domestic animals or property when properly installed and maintained and used in applications for which it was made.

"Electromagnetic compatibility" means the ability of a device, unit of equipment or system to function satisfactorily in its electromagnetic environment without introducing intolerable electromagnetic disturbances to anything in that environment.

"Supplier" means any party that supplies the product and may be a manufacturer, distributor, importer, assembler, etc., as defined in ISO/IEC Guide 22:1996.

"Test laboratory" means a conformity assessment body that performs testing services and which has received attestation conveying formal demonstration of its competence to carry out these specific tasks.

"Designation" means governmental authorisation of a conformity assessment body or test laboratory to perform specified conformity assessment activities.

"International accreditation system": ILAC, International Laboratory Accreditation Cooperation, and IAF, International Accreditation Forum.

"International accreditation scheme": ILAC International Mutual Recognition Agreements and IAF Multilateral Recognition Arrangement (MLA)

"Interested party" means any legal or natural person affected by the policy, those who will be involved in implementation of the policy, and bodies that have stated objectives giving them a direct interest in the policy.

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<sup>6</sup> Based on ISO/IEC 17000:2004