

# Safety Matters: Market Access Services Newsletter

Spring 2021

## Africa

### Morocco

#### [Certificate of Conformity \(CoC\) Scheme](#)

The Ministry of Industry, Trade, Green and Digital Economy (MICEVN) in the Kingdom of Morocco reinforces the mandatory Certificate of Conformity (CoC) requirements from January 1, 2021. The currently given flexibility of the so-called “declaration of honour”, concerning regulated shipments arriving at Morocco border points without CoC, ended on December 31, 2020.

Therefore, the Certificate of Conformity has to be presented for any consignment falling under the list of regulated products shared by MICEVN.

Follow the below links to access the Moroccan authority's circular, a list of regulated products, and more details on the CoC requirements.

[MICEVN Circular \(French\)](#)

[MICEVN Circular \(English\)](#)

[List of Regulated Products \(French\)](#)

[Morocco - Verification of Conformity Program Brochure \(English\)](#)

### Algeria

#### [Update to Characteristics of Short Range Devices Used in Established Private Internal Radio Networks](#)

The Autorité de Régulation de la Poste et des Communications Électroniques (ARPCE) in Algeria issued Décret exécutif n° 21-43 du 3 Joumada Ethania 1442 on January 17, 2021 in the Journal Officiel de la Republique Algerienne published January 20, 2021.

The regulation updates the “characteristics of short range devices used in the established private internal radio networks.

## South Africa

### Proposed Compulsory Specification for General Service Lamps (GSLs)

The Compulsory Specification for Energy Efficiency and Functional Performance Requirements of General Service Lamps (GSLs)-VC 9109 was published on the [South African official gazette web-site](#) on March 1, 2021. The proposed compulsory specification covers the energy efficiency and functional performance for general lighting directional and non-directional lamps of all shapes and finishes; using incandescent, halogen, fluorescent, light emitting diode (LED), and other light source technologies (not including high-intensity discharge lamps); that also satisfies:

- Capable of operating on a voltage up to 300V of either direct current or alternating current with a frequency of 50Hz;
- Emitting light with a total luminous flux of 60 to 3300 lumens;
- Light emission with the chromaticity coordinates (x, y) that are within the range:
  - $0.250 < x < 0.570$  and
  - $-2.3172 x^2 + 2.3653 x - 0.2400 < y < 2.3172 x^2 + 2.3653 x - 0.1400$ ;
- A lamp base which can be connected to one of the following general service lamp sockets
  - Screw base types: E11, E12, E14, E17, E26 or E27
  - Bayonet base types: B15d, BA15d, B22, B22d or BC22
  - Pin base types: G4, GU4, G5.3, GU5.3, GX5.3, GY6.35, G9, GU10, GZ10 or GX53 base
  - R7s
- Alternative base types which can be connected to the above lamp base sockets by using commercially available passive adaptors.

## Asia

### China

#### CCC Testing in Hong Kong

In cooperation with the China Quality Certification Center (CQC) TÜV Rheinland Hong Kong has successfully launched [China Compulsory Certification \(CCC\)](#) services. Our Hong Kong office is now the only TÜV Rheinland location to offer CCC testing for household and similar use appliances and information technology equipment that belong to electric product categories in Mainland China.

Currently our test scope covers the below products:

Product Category	Product	Safety Standard	EMC Standard
Household Appliance	Appliance for heating liquids	GB 4706.1 GB 4706.19	—
Household Appliance	Electric oven	GB 4706.1 GB 4706.14	—
Household Appliance	Microwave oven	GB 4706.1 GB 4706.21	—
IT Equipment	Computer monitor	GB 4943.1	GB/T 9254 GB 17625.1
IT Equipment	Built-in power supply, adaptor or charger for a computer	GB 4943.1	GB/T 9254 GB 17625.1

## India

### Extended Implementation of CRO Phase V Products to October 2021

On March 12, [Notification S.O. 1166\(E\)](#) (published by Indian Ministry of Electronics and Information Technology, or MeitY) extended the implementation time for CRO Phase V product categories to October 1, 2021.

Products in Phase V include:

- Wireless Microphones
- Digital Cameras
- Video Cameras
- Webcam (Finished Products)
- Smart Speakers (with and without Display)
- Dimmers for LED products
- Bluetooth Speakers

## Malaysia

### New Online Certification Platform for Communication and Multimedia Products

On March 1, 2021, the Standard and Industrial Research Institute of Malaysia (SIRIM) announced a

newly enhanced module of Compliance approval (type approval) and eCoC (electronic certificate of conformity) in eComM, Online Certification for Communication and Multimedia Products.

The new eCoC design changes involved the product information layout, with the addition of "Marketing Name" and "Product Features" information fields.

Regarding the Marketing Name information:

- If a product has a marketing name, this information must be provided to facilitate public online search.
- If the product doesn't have a marketing name, then the model name will be used as a marketing name or leave it as blank.
- One cert can include more than 1 marketing name, at no extra cost.
- Changing a product's marketing name is the same as changing product information, and so a new certificate will be required, and there will be the same cost as a new application.

These changes only apply to new Compliance Approval (Type Approval) application under the Normal and Hybrid application category.

## **Europe**

### **European Union**

#### **New EU Energy Labels**

As of March 1, 2021, a number of new eco-design rules were introduced in the EU, including a new version of the EU energy label. Initially, the new label will only be applicable to fridges and freezers, dishwashers, washing machines, and external monitors such as television sets.

The biggest change from the current label is that the rating system will return to an A-G scale, which is simpler to understand but will be stricter on products. Most products on the market that are currently achieving ratings of A+, A++ or A+++ will now be labelled as "B", "C" or "D". In addition, product labels must include a QR link to an online database that includes more product details.

New labels for light bulbs and lamps with fixed light sources will be enforced by September 1, 2021, and other products will follow in the coming years.

### **Portugal**

#### **Proposed Amendment on the Decree-Law No 152-D/2017 on Waste Management**

The Ministry of Economy of the Portuguese Institute of Quality issued [draft legislation](#) on February 23, 2021, updating Decree-Law No 152-D/2017. Decree-Law No 152-D/2017 introduced the requirement to mark reusable packaging and packaging managed under the deposit system, as well as the requirement to mark recyclable packaging with the indication of its appropriate destination. The draft Decree-Law would require waste treatment operators to prove compliance with the qualification requirements and applicable standards by means of a document issued by qualified verifiers.

## Turkey

### [Draft on Ecodesign Requirements for Electric Motors and Variable Speed Drives](#)

On April 8, 2021, the Turkish Ministry of Industry and Technology released the [draft of requirements](#) for electric motors and variable speed drives. Among the many applications, it is also applicable for motor designed specifically for the traction of electric vehicles.

This regulation is based on Commission Regulation No 2019/1781/EU on eco-design requirements for electric motors and variable speed drives pursuant to Directive 2009/125/EC of the European Parliament and of the Council, repealing Commission Regulation (EC) No 640/2009 in the framework of alignment with the European Union legislation.

## Middle East

### Iraq

#### [Certificate of Registration \(CoR\) Scheme Implementation](#)

According to the Iraqi Certificate of Registration Program (CoR) introduced by the Ministry of Trade, gradual implementation timelines are specified for each category falling under the scheme (see below table).

Effective from 1st January 2021, manufacturers and suppliers of “Electrical (Household Appliances, IT Equipment)” exporting to Iraq must obtain the CoR prior to shipments. This will be a mandatory prerequisite to be issued the import license.

As the sole certification body of the scheme, TÜV Rheinland experts worldwide are happy to receive the CoR scheme applications and provide any information required about the program in order for traders to achieve smooth market access.

[CLICK HERE](#) for more details about the scheme.

[Ministry of Trade CoR Scheme Circular](#)

[Iraq - Certificate of Registration Scheme Brochure \(English\)](#)

**Bahrain**

[EER Label for Air Conditioners](#)

The Bahrain Testing and Metrology Directorate (BTMD), in the Ministry of Industry, Commerce and Tourism (MOICT) issued a notification about the new registration procedure criteria for obtaining the Bahraini Energy Efficiency Rate (EER) label for air-conditioners using the EER platform online.

As of April 1, 2021, all manufacturers, traders, and importers must submit their registration applications through the online platform. By June 30, 2021, registration renewals will no longer be through the Electricity and Water Authority (EWA), and will only be done through the online platform. The deadline for approving consignments with the old version of the Bahraini EER will be no later than October 1, 2021.

TÜV Rheinland Hong Kong Ltd. has been designated by the BTMD as a [Notified Body for Energy Efficiency Labeling and MEPS for air conditioners](#), and so is able to provide technical approval and registration services to manufacturers and importers.

[Learn more on our Certification Filter page.](#)

**Israel**

[New List of Products Exempt from Telecommunication Approval](#)

The Israeli government published new up-to-date list of products that are exempt from Ministry of Communications (MoC) certification / approval:

- BT devices operate in the 2,400-2483.5 MHz upon IEEE 802.15.1 With integral antenna up to 100mW e.i.r.p
- ANT/ANT+ devices operate in the 2,400-2483.5 MHz with integral antenna up to 100mW e.i.r.p
- Devices intended only for the reception of satellite transmissions for position determination using a determination system Global location such as GPS, GLONASS, GALILEO or BEIDOU
- A parabolic antenna with a diameter not exceeding 244 cm, including side equipment used by it, intended for the reception of satellite broadcasts
- Operating in the field of infrared frequencies between 1,000 GHz and 3,000 GHz and which the power Their transmission does not exceed 200 mW

- Computer peripherals- Mouse, Keyboard
- Computer monitor
- Video Streamer (which complies with the provisions of the European Radio Equipment Directive) 2014/53 / EU, and bears the CE marking indicating this
- E-book reader (without cellular)
- Tablet (without cellular)
- Laptop (without cellular)
- Desktop computer (without cellular)
- Converter for receiving television broadcasts to the public) TV receiver set-top box (, which meets the provisions of the European Radio Equipment Directive) 2014/53/EU, and bears the CE marking indicating this
- TV set (TV Receiver, set top box)
- A radio receiver for the reception of public broadcasts using FM/DAB/AM technologies
- Spare parts for mobile phone
- Wristwatch, other than cellular wristwatch
- Vacuum cleaner
- Portable battery-operated metal detector

There may be a gap between what is required by the MOC and what is being allowed through Customs at this time. Contact our experts if you have any questions.

## **Saudi Arabia**

### **List of Products Within SASO IECEE Recognition Certificate (SIRC) Scope**

The Saudi Standards, Metrology and Quality Organization (SASO) has extended the scope of National Certificate of Recognition of Electrical Devices & Components (IECEE) to include additional products, implemented in 2 stages:

*Stage 1 (July 1, 2021)*

At this stage, SASO will include below products in scope of SIRC as a mandatory requirement for market access:

Product	Testing Standard
Kettles	IEC 60335-2-15
Coffee Makers	IEC 60335-2-15
Electrical Oil Fryers	IEC 60335-2-13
Electric Pumps	IEC 60335-2-41 IEC 60335-2-51
Video Games & Accessories	IEC 62368-1
Cables	IEC 60227 & Parts IEC 60245 & Parts IEC 60502 & Parts IEC 60702-1 IEC 60800 IEC 62821 & Parts IEC 62930

*Stage 2 (September 1, 2021)*

At this stage, SASO will include below products in scope of SIRC as a mandatory requirement for market access:

Product	Testing Standard
Shavers	IEC 60335-2-8
Desktop Computers	IEC 62368-1
AC Circuit Breakers	IEC 60898-1
AC/DC Circuit Breakers	IEC 60898-2
DC Circuit Breakers	IEC 60898-3
Main Current Circuit Breakers	IEC 60947-2
Mobile Charging Cables	IEC 62368-1



In addition, SASO will introduce the recognition certificate of IECEx on July 1, 2021, which will include the below products:

Product	Testing Standard
Junction Boxes with Cable Glands	IEC 60079 Series
Control Boxes with Cable Glands	IEC 61241-0
Lighting Products	IEC 61241-1
Plugs and Sockets	IEC 61241-1-1
Pumps	IEC 61241-4 IEC 61241-11
Gas Detectors and Gas Detection Systems	IEC 61241-18

A valid and recent (dated within the last 3 years) IECEE test report and certificate issued by a Certified Body Testing Laboratory (CBTL) will be required to release these products from Customs port.

## North America

### USA

#### Proposed Rulemaking and Request for Comment on Test Procedure for Direct Heating Equipment

The U.S. Department of Energy (DOE) [proposed to amend the test procedure for direct heating equipment \(DHE\)](#) on April 16, 2021 to incorporate the most recent versions of the industry consensus test standards currently referenced in the Federal test procedure. Proposed changes include:

- Updating definitions for unvented heaters
- Accounting for multiple operational modes
- Specifying allowable measurement error for oil pressure, use of manufacturer values for gas supply pressure
- Reducing the number of thermocouples required in the thermocouple grid for models with small flues
- Clarifying instructions for calculations regarding condensate mass measurements

Comments, data and other relevant information regarding this notice of proposed rulemaking (NPR) must be submitted on or before June 30, 2021.

## Mexico

### [Proposed Draft Mexican Official Standard PROY-NOM-004-STPS-2020: Workplace Machinery and Equipment. Protective Systems and Safety Devices](#)

Draft Mexican Official Standard, PROY-NOM-004-STPS-2020: Machinery and equipment used in facilities, protective systems and safety devices, was published in Federal Gazette on February 8, 2021. The notified Mexican Official Standard establishes the safety requirements for workplace machinery and equipment and their protective devices, in order to prevent occupational risks and protect workers and workplace facilities.

The publication of this draft was the culmination of a successful, three-year collaborative effort between Mexico's Ministry of Labor, the company GIZ (Deutsche Gesellschaft für Internationale Zusammenarbeit), and TÜV Rheinland Mexico. After the 60-day public consultation period, the Ministry of Labor will meet with TÜV Rheinland de Mexico and GIZ to review comments submitted by the public and discuss modifications. After these edits and a final review, the standard will be released and then enforced one year after its publication date.

[Read the full press release \(SP\) here. →](#)

## Oceania

### Australia & New Zealand

#### [Amendments to Toy Safety Standards](#)

On December 18, 2020, two amendments for the standard [AS/NZS ISO 8124.1:2019 - Safety of toys Part 1: Safety aspects related to mechanical and physical properties](#) were published. These two amendments contained some substantial changes to the standard, mainly including new requirements for "Flying Toys" and "Toy Assemblies", as well other various changes to increase safety of toys. In addition, AS/NZS ISO 8124.3:2021 was published on February 12, 2021 as the third edition of AS/NZS ISO 8124.3 - Safety of toys, Part 3: Migration of certain elements.

Highlight of key revisions:

#### [AS/NZS ISO 8124.1:2019 Amd 1:2020 Flying toys](#)

- Updated definition entries for "free flight" and "leading edge"
- Added new definition entries for "flying toy" and "remote-controlled flying toy"
- Replaced existing clause 4.19 "Rotors and propellers" with "Flying toys," more closely aligning with

EN 71-1:2014+A1:2018

*AS/NZS ISO 8124.1:2019 Amd 2:2020 Various*

- Added new definition entry for “toy bag”
- Replaced existing clause 4.3.2 “Expanding materials” with updated requirements and test method, aligning with ASTM F963-17
- Updated subclause 4.5.1.1 to include new exemption for requirements of “Shape, size and strength of certain toys”
- Amended warning requirement of “toys with cords intended for children 18 months and over but under 36 months” & requirement to “other toys with folding mechanism”
- Updated instructions requirements for projectile toys
- Added new requirement in clause 4.36 that gives detail requirements on toy intended to be assembled
- Added feeler gauge procedure in tension test method

*AS/NZS ISO 8124.3:2021*

- Adaptation of the preface
- Inclusion of the full foreword from ISO 8124-3:2020
- Adaptation of limit for finger paints as set out in ISO 8124-3:2010/Amd.2:2018
- Amendments done within ISO 8124-3:2020
- Appendix deleted without replacement

Contact our experts if you have any questions about the standards.

## South America

### Brazil

*Publication of New ANATEL Act Nº 1630*

On March 11, 2021, the [National Telecommunications Agency \(ANATEL\)](#) published the new Act Nº 1630, Test Procedures For Evaluating the Specific Absorption Rate (SAR) for Telecommunications Products, replacing the previous Nº Act 955, which was published at the beginning of 2018.

Some of the changes in the new Act include:

- Changing the applicable frequency range from 300 MHz to 6 GHz to 4 MHz to 6 GHz
- Aligning testing procedures with the IEC/IEEE 62209-1528 standard for certification and homolo-

gation purposes of portable terminal stations in the 4MHz to 6GHz radio frequency band

- Exempting low power devices (average power below 20mW and peak power below 20W) that are portable from SAR tests regardless of the operating frequency band
- Relaxing requirements for SAR testing of batteries in portable devices sold with two or more batteries that have differences related to load capacity, physical dimensions or protection circuit
- Repealing the requirement to do SAR testing with all accessories, including non-conductive - now, only accessories with metallic/conductive parts must be tested along with the portable device
- Including new procedure of SAR measures for Non-Simultaneous Signals
- Including new procedure of Average Time Interval for Time-Averaging SAR – TAS
- Including new procedure to determine the maximum SAR in the spatial average of a portable devices
- Approving the considerations in the evaluation of products with proximity sensors, as provided in item 7.7 of the IEC/IEEE 62209-1528 standard, after 180 (one hundred and eighty) days from the publication of the Act

[Learn more from the official ANATEL document. →](#)

## Colombia

### Draft Resolution on Glass/Ceramic Tableware and Kitchenware

On April 13, 2021, the Ministry of Health and Social Welfare submitted a [draft Resolution](#) establishing the technical regulations for articles of glass, ceramic and glass-ceramic, tableware and kitchenware of glass, ceramic and glass-ceramic in contact with foodstuffs, and ceramic ware used for cooking food in order to minimize health and safety risks from the release of lead and cadmium. This Resolution will affect all such products which are manufactured in or imported into the country in order to prevent deceptive marketing practices.

## Chile

### Electric Vehicle Charger Installation

As of April 15, 2021, [Article 3, No. 14 of Law No. 18.410](#) has established that the specific power supply systems for electric vehicles (SAVE) that are used in the electric vehicle charging infrastructure must have prior authorization from the Superintendency of Electricity and Fuels. As long as the respective protocols are not in force, the following requirements must be presented:

- Identification of the applicant, company name, unique tax registration, commercial address
- Product identification (brand and model)

- Product data sheet, provided by the manufacturer
- Country of manufacture and factory identification
- Technical background of the products, based on the product in question
- Product documentation and certifications:
  - For Traveling Load Cables and Industrial Load Cables, Certificates or Test Reports that prove IEC 62752 or UL 2594 compliance or equivalent
  - For Load Mode 3 Charging Cables, Certificates or Test Reports accrediting IEC 62196-1 and IEC 62196-2 compliance or equivalent
  - For load mode 3 charging SAVE, Certificates or Test Reports accrediting IEC 61851-1 or UL 2594 compliance or equivalent
  - For load mode 4 SAVE, Certificates or Test Reports accrediting IEC 61851-23 or UL 2202 compliance or equivalent

Interested parties must submit product certificate attached to their applications for authorization of the above products through the "Authorization of Electromobility Products" platform, which will be available on the Superintendency's website.