



# INTERNATIONAL APPROVALS Newsletter

TUV Rheinland of North America, Inc.

Summer 2015



## PLEASANTON, CALIFORNIA, JULY 13, 2015

A trans-Pacific partnership was signed into renewed accord as TÜV Rheinland of North America and Korea Testing Laboratory (KTL) agreed to continue their exclusive testing and certification partnership. Under the terms of the agreement, consumer electrical and medical devices tested and certified in one country would be recognized and therefore certified as conforming to equivalent standards in the corresponding country. This is the second time

the two testing bodies have renewed their pledge of cooperation and mutual understanding, an agreement that has been in place for 15 years.

Korea Testing Laboratory (KTL) is a not-for-profit organization sponsored by the Korean government as a National Certification Body for calibration, testing, inspection and certification services for the KC mark, the official mark all electronic products must carry in order to be sold on the open market in South Korea. TÜV Rheinland is an independent testing and certification body with locations throughout North America. A Nationally Recognized Testing Laboratory (NRTL), TÜV Rheinland offers certification services to numerous industries and facilitates global market access.

As a result of this partnership customers of both testing labs will be able to certify their products for sale in the other country without having to go through a lengthy and expensive process of shipping the product to an in-country test lab. Instead, OEMs will benefit from local contacts and local testing services without the extra language and government bureaucracy barriers.

“Our customers on both sides of the globe will continue to benefit from shared testing and certification responsibilities. As global market demand increases TÜV Rheinland and KTL will work together to remove barriers to entry, expedite time-to-market and reduce costs to companies wishing to do business in our respective territories,” said Gerhard Luebken, CEO of TÜV Rheinland of North America.

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### ALSO IN THIS ISSUE:

- South Africa: SABS Internal Preliminary Investigation
- South Korea: KC safety scheme
- Pakistan: 2.4 GHz Band is now open to use for some devices
- Philippines: New audio and video guidelines
- Saudi Arabia implements a new standard for Western Water Closets
- India: Extension order
- Singapore: Approval granted to the MTOs
- Argentina: TÜV Argentina new safety mark.

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The official signing was held at TÜV Rheinland's Pleasanton, CA office.


KTL President and CEO Mr. Lee Wonbok joined Gerhard Luebken and a delegation of TÜV Rheinland executives including Mr. Uwe Meyer, Business Field Manager – Medical Testing, as well as other executives, represented TÜV Rheinland.



**SOUTH KOREA**

KC safety scheme for DC appliances are announced but still a draft version is in public hearing stage until July 1st 2015. Unless there are particular changes, this will be officially announced and products newly included will be mandatory from January 2016.

Please find summary of the changes as below.

 <b>KC SAFETY SCHEME FOR DC APPLIANCES *</b> *DRAFT VERSION		
CHANGES	PREVIOUS	NEW
Validity of KC regulatory confirmation scheme	5 Years	5 ~ 10 years Depending on products, for example: <ul style="list-style-type: none"> <li>• Hair &amp; Beauty care appliances: 7 years</li> <li>• Electric tooth brush: 8 years</li> <li>• Audio processor: 10 years</li> <li>• Projector: 7 years</li> <li>• Binding machine: 10 years</li> <li>• Fax machine: 10 years</li> <li>• PC power supply: 10 years, etc.</li> </ul> For your products category, please talk to your account manager or our team members.
Product Ratings that are Subjected in the KC scope	Below AC or DC 1000V	Over AC 30V, DC 42V Exceptions: DC appliances that are previously listed in the product scope are still subjected to KC approvals even though rating is not in the scope. For Example, products rated below AC 30V, DC 42V Vacuum cleaner, food mixer, juicer, Electric blanket, tablet PC, Notebook, etc. are subjected to KC conformity confirmation scheme.
Battery scope change	Energy density exceeding 400wh/L.	All type of battery is subjected without condition.
Power consumption limitation <ul style="list-style-type: none"> <li>• Dish washer, Dish dryer</li> <li>• Refrigerator, Freezer, Ice maker, etc.</li> <li>• Electric fan, Range hood, etc.</li> </ul>		Dish washer, Dish dryer.....Below 5kW Refrigerator, Freezer, Ice maker, etc.....Below 1.5kW Electric fan, Range hood, etc.....Below 1kW

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**SOUTH KOREA CONTINUED ON NEXT PAGE...**

## SOUTH KOREA CONTINUED...

As a reminder – below we have displayed all KC safety certification schemes:

Scheme		Safety Certification	Self-regulatory Safety Confirmation	Supplier's Confirmation of Conformity
Product Testing	Safety Testing	○	○	○
Factory Inspection	Production & Inspection Facilities	○	N/A	N/A
	Materials and Manufacturing Processes	○	N/A	N/A
	Product Verification	○	N/A	N/A
Certification		Issue Certificate	Issue Confirmation Registration	Issue Confirmation of conformity
Regular Inspection		○	X	X



### PHILIPPINES

The Bureau of Product Standards, Department of Trade and Industry of Philippines published: Department Administrative Order No. 14-2, Series of 2014 or the Implementing Guidelines for the Mandatory Certification of Audio & Video Products covered by Philippine National Standards IEC 60065:2007 - Audio, Video, and Similar Electronic Apparatus - Safety Requirements.

These guidelines cover audio and video products as follows: Television sets: - CRT TV: colored and black & white, 110 Volts - 250 Volts ac, 50/60 Hertz or 60 Hertz - LCD Panel TV (with CCFL or LED backlight): up to 45 inches LCD panel, up to 250 Volts ac (directly connected to mains), 50/60 Hertz or 60 Hertz CD/VCD/DVD Players: Stand-alone player: 110 Volts - 250 Volts ac, 50/60 Hertz or 60 Hertz



### MALAYSIA

SRD Bands: 5470-5650MHz Band Open for Use. The 5470-5650MHz band has been opened for use by SRD's in Malaysia. Please contact your account manager if you'd

like to upgrade your equipment that contains band and would like to apply for approvals to use this band. [info@tuv.com](mailto:info@tuv.com)

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## PAKISTAN



Effective this month, 2.4 GHz Band is now open to use for Some Devices. The full 2.400 – 2.835GHz band is now open for use by BT and ZIGBEE devices. The band is also open, now for certain types of WLAN devices, mainly Smart Phones and Tablets. For other WLAN devices, the 2.4GHz band is still restricted to the 2473.5 – 2483.5MHz section of the band.

## MADAGASCAR



**Authority Name Change:** The OMERT (Office Malagasy d'Etudes et de Régulation des Télécommunications) has become Autorité de Régulation des Technologies de Communication (ARTEC).





## INDIA

With immediate effect TUV has issued the following Extension Order: <http://tinyurl.com/IASummer2015India> notifying that below select products have been provided with additional time for complying to CRS Registration scheme. The extension date now stands as 13th Aug 2015.



### Extension Order

The below select products have been provided with additional time for complying to CRS Registration scheme.

S. No. in the Schedule of the Order	Product	Indian Standard Number	Title of Indian Standard
16	Power Adaptors for IT Equipments	IS 13252 (Part-1) : 2010	Information Technology Equipment - Safety - General Requirements
17	Power Adaptors for Audio, Video & Similar Electronic Apparatus	IS 616 : 2010	Audio, Video and Similar Electronic Apparatus - Safety Requirements
18	UPS/Invertors of rating $\leq 5$ KVA	IS 16242 (Part-1) : 2014	General and Safety Requirements for UPS
19	DC or AC Supplied Electronic Controlgear for LED Modules	IS 15885 (Part 2/Sec 13) : 2012	Safety of Lamp Controlgear Part 2 Particular Requirements Section 13 D.C. or A.C Supplied Electronic Controlgear for LED Modules
21	Self-Ballasted LED Lamps for General Lighting Services	IS 16102 (Part 1):2012	Self-Ballasted LED Lamps for General Lighting Services Part 1 Safety Requirements
22	Fixed General Purpose LED Luminaires	IS 10322 (Part 5   Sec 1) : 2012	Luminaires Part 5 Particular Requirements Sec 1 Fixed General Purpose Luminaires
23	Mobile Phones	IS 13252 (Part-1): 2010	Information Technology Equipment -Safety -General Requirements

Additionally - Great news! TUV India has its Second Lab accredited by BIS under the CRS Scheme cover 29 product categories out of 30 (Excluding Battery). A copy of the accreditation is available upon request.

This lab has specialization in following product category testing and would be taking up the full load under CRS Scheme for these product categories:

- Self-ballasted LED Lamps for General Lighting Services [IS 16102 (Part 1): 2012]
- Fixed General Purpose LED Luminaires [IS 10322 (Part 5 / Sec 1): 2012]
- DC or AC Supplied Electronic Control gear for LED Modules [IS 15885 (Part 2 / Sec 13): 2012]

Our TUV R Bangalore lab would continue to support the IT and A/V product categories, through this we would be able to split work loads and support you all at our best.

For more information and LED inquiries for India, please contact your TUV Rheinland Account Manager. [info@tuv.com](mailto:info@tuv.com)

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### **COSTA RICA**

Effective Immediately, SUTEL no longer accepts family approvals. SUTEL in Costa Rica now requires that each model has its own certificate, where family approvals used to be allowed. Any difference between models, such as color, hardware, or software, will require its own separate certificates.



### **SOUTH AFRICA**

On May 11th 2015 - SABS announced that an internal audit is being launched to improve processes and procedures. These activities could pose possible impact to your submittals where during review, the reviewers at SABS will be asking for extra documentation, possible delays, and changes in lead time.

Read the official announcement here:

<http://tinyurl.com/IASummer2015SouthAfrica>



### **NEW 802.11 REGULATIONS IN UKRAINE**

802.11a, c is now accepted in Ukraine



### **SAUDI ARABIA**

SASO has implemented the standard SASO 1473:2014 for the importation of Ceramic Sanitary Appliances - Western Water Closets (or known here as the lavatory, toilet bowl and its accessory.) This has been notified to the WTO as well and made official. The most important point stated by the standard is water consumption measurement.

When tested in accordance with the Saudi standard SASO 1474/2014, the average of the total flush volumes obtained shall not exceed:

(a) 3.0 Lpf for floor-mounted western water closets- pans types;

and (b) 4.0 Lpf for wall-hung western water closets-pans types.

All manufacturers, traders and importers are requested not to produce or import any Western closets until ensuring compliance with the standard SASO 1473:2014 The implementation of this technical regulation mentioned above will become compulsory as of 08/01/1436 AH (May 19, 2015), and it must be taken into account when issuing certificates of conformity.

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## SINGAPORE

On 15 June 2015, IDA announced that approval has been granted to M1 Limited, Singtel Mobile Singapore Pte Ltd and StarHub Mobile Pte Ltd (collectively the “MTOs”) to cease the operation of their 2G networks and the provision of 2G services, with effect from 1 April 2017. With the impending closure of the 2G networks, IDA will stop accepting new registrations and renewals of 2G-only[1] mobile terminals with effect from 15 September 2015.

Dealers/equipment suppliers who have previously registered 2G-only mobile terminals with IDA may however continue to import and sell such terminals for use in Singapore, but IDA will not renew the registration when it expires on or after 15 September 2015. Any other models of 2G-only mobile terminals that have not been registered with IDA may be brought in for re-export purposes only, provided the dealers/equipment suppliers have obtained a Dealer’s Individual License.

When selling 2G-only mobile terminals to customers, you are required to advise them on the impending cessation of 2G services with effect from 1 April 2017. This will help ensure that these customers make an informed choice and minimize any dispute, especially if they intend to use such terminals in Singapore.

Separately, for customers intending to purchase 3G or 4G mobile phones, do check if they are currently using 2G-only mobile phones. If yes, and they do not require access to mobile data services, please provide the necessary assistance to these customers on the various options to disable access to mobile data on their new 3G or 4G mobile phones, e.g. via making changes to the phone settings or to approach the customers’ respective MTO for assistance.

Read official announcement here: <http://tinyurl.com/lASummer2015Singapore>

## NEW AUTHORITY REPLACES CNC IN ARGENTINA

On April 29, 2015, the CNC in Argentina was de-authorized and was replaced by the Autoridad Federal de las Tecnologías de la Información y las Comunicaciones, (AFTIC)- Under Decree 677/2015. Engineers at the agency continue to review applications, which also suggests that the program is running their business transactions as usual.

## ARGENTINA (TUV ARGENTINA MARK)

As of this month, we are going to start to use a new safety mark for Argentinean Safety approval obtained via TUV Argentina.

The new logo should look like this:

In order to avoid any inconvenience with customers, we are going to request this new logo only in new approvals issued starting this month.



There is no transition period and the implementation starts this month.

Here is information about the new mark:

- Certificates that are already issued with the old logo, must not be exchanged with the new one.
- Products that are already labeled with the old logo must not be exchanged with the new one.
- Only new products obtaining new certificates must bear the new logo.

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## ARGENTINA CONTINUED...

- For ongoing projects or cases in which the manufacturer already worked on the label & packaging artwork based on the old logo, no change to the new logo will be requested.
- The logo cannot be modified.
- The ID number shown in the new logo is an unique and fixed default number applicable for all the customers and products.

This is to comply with the Argentinean safety law.



Type Approval Regime regulations in Namibia was enacted in the beginning of 2015. Please note:

- Any device that enters Namibia needs to be type approved
- Any device already inside Namibia before regulations were enacted will need to be type approved with a deadline until the end of 2015. Any device inside Namibia after this period that is not type approved will face penalties and fines.



### RUSSIA

TUV Rheinland N.A International Approval group now offers medical equipment registration. Please contact your account manager for more information. [info@tuv.com](mailto:info@tuv.com)

### NEW 802.11 REGULATIONS IN RUSSIA

802.11ac + 802.11a, d is now accepted in Russia.

### FOR RUSSIA FSS NOTIFICATION

On 5/22 – there are new rules of preparation of FSS Notifications. There are 3 main changes -

- Now is possible to list only the full model names. Variable letters are impossible now (without “y” - any digit from 0 to 9 or A-Z, or blank, do not affect the presence or absence of cryptographic devices and algorithms);
- Now we can't list factory info, only manufacturer
- We have to add website of manufacturer.



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