# Nemko News in Brief for January 2022

Dear Reader

Happy New (Roman) Year! Hope that you have had a good start of this year, despite the pandemic circumstances which still affect all of us but seeming to become less threatening for various reasons.

A new sub-variant of the Omicron Corona virus was recently discovered which spreads quicker but seems to be less dangerous and getting low attention by media. Instead, the global headlines in January were on other matters, such as:

-Rare riots in Kazakhstan left many killed and injured and topple the former Soviet longtime leader.
-Unstable situation on Ukraine's border to Russia and also to Belarus. Outcome of talks between Russia and US/NATO is uncertain.
-One year since the attack on the US Congress. Polarization between the two political blocks endangers democracy.
-Extremely powerful volcano explosion near by the small island Tonga in the Pacific Ocean caused devastating tsunami and ash fall, and a shock wave registered globally.
-Application for release was firmly rejected by the court after 10 years imprisonment of the Norwegian far-right extremist who in 2011 bombed the governmental building and totally killed 77 people.
-Taliban leaders to Oslo for dialogs with representatives of Western countries in attempt to get aid for the increasing humanitarian crisis in Afghanistan.

This year's first issue of our News Brief covers the following topics, of which some may be consider good news and some the contrary 😊

*- It's finally decided that cyber security will become required for CE marking!*
*- Saudi Arabia postpones restriction of hazardous substances*
*- Update on European environmental matters*
*- Extended recognition for wireless telecom testing in India*
*- Update on Malaysia market access conditions*
*- Coming events*

Best regards
*T.Sollie*
Editor

P.S. If you know of colleagues or others you think should get this monthly newsletter, please refer to this link for registration.

## It's finally decided - cyber security will become required for CE marking!

After long time of uncertainty, it has finally been decided to include cyber security into the European Radio Equipment Directive (RED), which apply to most wireless products.

The RED's Article 3 has in fact always included cyber security, but relevant requirements have not been implemented while awaiting methods to verify compliance.

As hearing of the Commission's draft text for implementing the Article 3 requirements ended in December, from 1 January 2022 the countdown started for the cyber security requirements to be included after 30 months, i.e. in medio 2024.

In simple terms, the essential safety requirements in Article 3 of RED are:
*-Not to harm or misuse networks, causing unacceptable reduction of service.*
*-Protection of personal data and privacy.*
*-Protection from fraud.*

As for other European safety directives (such as the Low Voltage Directive, LVD), the essential safety requirements are not specific, so European standards with detailed requirements for testing/assessment and acceptance limits for compliance are needed before the requirements can be effectively implemented.

The European Standardisation Organisations, ETSI, CEN and CENELEC have been asked to make the necessary technical standards. These may take at least one year to complete, so it is recommended that designers and manufacturers take appropriate action already now to be prepared for meeting the new cyber security requirements.

Nemko offers for assisting to ensure cyber security can be seen here.

*And for those making IoT products - to find out the degree of having control with the security, do a 2-minute quiz by clicking the image below. Do you have cause to be smiling or to be a little worried?*

For further information, on how to prepare for the RED update, please contact Geir.Horthe@nemko.com

## Saudi Arabia postpones restriction of hazardous substances

The Saudi Arabian authority SASO (Saudi Standards & Metrology Organization) has decided that implementation of the regulation for Restriction of Hazardous Substances (RoHS) which was planned for 5 January this year has been postponed for a period of six months.
The regulation was published by SASO in July 2021 and concerns the following six chemical substances: Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBBs), and Polybrominated diphenyl ethers (PBDEs).

Relevant products must be tested/assessed to ensure that any content of the restricted substances do not exceed defined limits. The concerned substances as well as the limits are in line with the European RoHS Directive, (while this Directive has since 2015 also restricted four additional substances).
Another important difference from the European RoHS Directive is that self-declaration will not be sufficient. The manufacturer or importer must arrange for necessary testing/assessment and certification of the products by a designated Notified Body, such as Nemko.

The regulation will apply to most electrical and electronic equipment. Exceptions include Medical devices, Military equipment, Large-scale industrial stationary machinery, Large-scale fixed installations and Aerospace equipment.

The implementation is postponed for allowing time to prepare, and will be made effective in phases as shown below:

| | |
|---|---|
| Household appliances:<br>   -Small household appliances<br>   -Large household appliances | <br>4 July 2022<br>2 October 2022 |
| Telecom and IT appliances | 31 December 2022 |
| Lighting equipment | 31 March 2023 |
| Electric and electronic tools and equipment | 29 June 2023 |
| Toys, entertainment and sports equipment | 27 September 2023 |
| Monitoring and control equipment | 26 December 2023 |

For further information, please contact Lars.Hjerpseth@nemko.com


## Update on European environmental matters

**Draft new 'stand-by' regulation issued by the EU Commission**
**The EU Commission has published** a draft new 'stand-by' regulation which includes maximum energy consumption in off-mode, standby and networked standby for various electrical and electronic equipment, and which will repeal the Commission regulations (EC) No. 1275/2008.
The main difference is extended scope:
- Earlier exemption for products supported from a low voltage external power supply has been proposed removed
- Printers and games console which earlier had a voluntary scheme, are now included
- Adjustable furniture is included, and also motor operated shutters, blinds, doors, windows, and  similar products.

The lower limit for standby and off-mode remain at 0,5 Watt, but standby with display is reduced to 0,8 Watt.
The hearing deadline is 4 February. The new regulation is scheduled for Q4 this year and will be in force 12 -18 months later. The draft regulation can be seen here .
In accordance with Ecodesign Directive 2009/125/EC, products not meeting the new requirements will not be allowed to be placed on the EU market.


**Updated list of substances of very high concern**
Under the European REACH directive's Annex XV, the list of substances of very high concern (SVHC) has been updated with 4 new substances. This brings the total on the list to 223 substances which our customers need to trace and report to EU and their agency ECHA if they are in articles or complex products (ref. the SCIP Database).
The 4 new chemicals are added based on their hazardous properties (reproduction toxicity, endocrine disrupting, etc), but only one of the four is determined to be normally relevant for electrical/electronic products. This chemical may be found in e.g paint, glues and polymers adhesives, sealants, lubricants, fuels, hydraulic fluids, metal working, antioxidant/stabilizer for rubber and plastics.


For further information please contact: JonIvar.Tidemann@nemko.com

## Extended recognition for wireless telecom testing in India

Telecom products to be marketed in India must have certification by the Indian governmental Telecommunications Engineering Center, TEC (a part of the Department of Telecommunication) according to their program denoted MTCTE (*Mandatory Testing and Certification of Telecom Equipment*). The necessary testing must be performed by Indian laboratory designated by TEC.

When the program was launched in 2019, the scope was limited to wired equipment, and it has since been expanded to wireless equipment.

Nemko India was early last year designated as a 'CAB' by TEC to perform safety testing of the products.
Now, the designation has been extended to cover also testing of EMC (Electromagnetic compatibility), RF (Radio Frequency) and Environmental parameters for products within the full scope of the MTCTE program whereby Nemko India can from 1 January this year offer most of the required testing for telecom products which need certification by TEC for accessing the Indian market.

The TEC designation certificates for Nemko India can be seen here and here.

For more information please contact India@nemko.com

## Update on Malaysia market access conditions

### Clarification about need for product marketing name

The *Malaysian Communications & Multimedia Commission* (MCMC) has in their new *Announcement No.SQASI/CMCS/1/21/0020* reiterated that the product marketing name is one of the requisite information to be declared in applications for Type Approval as required for electronic products to be marketed in Malaysia. The product marketing name will be used to facilitate the consumer and regulator's enforcement team in verifying the product certification status via the CYL mobile application program.

The latest announcement clarifies amongst other the following points:

-Type Approval applicants shall ensure that the product marketing name information is declared upon application submission and is available on the marketed product.

-The marketing name information shall be traceable from one or more of the following: Product Specification, User Manual, Product Brochure, Product Marking, Product Packaging.

-In case that a product is marketed under more than one marketing name, applicant shall submit the Multiple Marketing Name Declaration Form. (A product that carry multiple marketing names shall meet the specific variation criteria as defined by SIRIM QAS International in the declaration letter, or else apply for separate Type Approval application).

The announcement can be seen in full here.

### Product samples are not currently needed for SIRIM MCMC certification

Due to the Corona pandemic, SIRIM started a procedure where product samples need not be sent, simply because there is no one in place to receive and examine them. It appears that this procedure will remain until further notice. Applicants need only to provide full profile photos of the product in accordance with SIRIM requirements. The format to be used is available on request.

If SIRIM is happy with the photos, then there is no need to send product sample. If not, they may request better photos, and only request sample as the last resort.

For further information, please contact Vanessa.Wen@nemko.com

## Coming events

### 15 February- Nemko Webinar: *Cyber Security in CE-marking*

For information and registration, please click here

### IEC Academy courses and webinars

Information may be seen here.

### GSO courses in the Arabic Gulf Region

Information about themes, places and times may be seen here

**Receive invitations to Nemko webinars on current compliance matters**
The webinars will be conducted in English, and one will be able to access the recordings afterwards, for own use and sharing with others.

Please [register here.](#)