

Nemko News in Brief for September 2021 (Finalized)

Dear reader

Summertime has passed, and autumn leaves in yellow and red have started to show, at least here in Northern Europe. Global news headlines in September have not been as disastrous as during this summer, but have included the following:

- Corona infection risk diminishing as vaccination rates gradually increase worldwide.
- After withdrawal of foreign presence in Afghanistan: Taliban quo vadis?
- 20 years marking of "9/11", a sad turning point in world history in our time.
- Change from 'right-wing' to 'left-wing' governance in Norway, aligning with the other Nordic countries.
- UN climate summit where the world leaders incl. the US president, urge the 'highest' ambition.
- Tense relations between EU and Australia + USA and UK after Australia's breach of submarine purchase contract with France.
- China to cut investments in coal industries both at home and abroad, affecting the financial situation globally.
- New head of state in Germany after 16 years with 'mutti'-Merkel.

In this issue of Nemko News in Brief focus is on some other topics which hopefully are found of interest too:

- **Saudi Arabia expanding the scopes of mandatory certifications.**
- **New regulation for telecom equipment in Syria.**
- **Germany introducing IoT cyber security labelling scheme**
- **Status of the EAEU regulation for energy efficiency of electrical equipment.**
- **New issue of Canadian standard for IT equipment.**
- **To get a sneak-peek into future markets.**
- **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.

Saudi Arabia expanding the scopes of mandatory certifications



One of the assessment programs for products marketed and sold in Saudi Arabia, is SASO's mandatory **IECEE Recognition Certificate program** for electrical consumer products considered to be of high risk.

Further to the expansion from 1 July this year (as informed about in the May-issue of this newsletter), the scope of this program will from 1 November also include the following types of products:

lowing types of products:

- Desktop computers (PCs).
- Mobile phone charging cables,
- Electric shavers,
- Circuit breakers.

Furthermore, SASO has now launched an equivalent recognition program for explosion protected electrical equipment, which is based on the use of international IECEx certificates for their national approval needs for such high-risk equipment. This program so far covers the following types of products and will be mandatory from 1 November this year:

- Junction box with cable glands (Ref. standard IEC 60079).
- Control box with cable glands (Ref. standard IEC 61241-0).
- Fixed lighting equipment Ref. standard IEC 61241-1).
- Electrical plugs and other connecting devices (Ref. standard IEC 61241-1-1)
- Electric pumps (Ref. standard IEC 61241-4 and IEC 61241-11)
- Gas detectors and detection systems (Ref. standard IEC 61242-18)

For more information or assistance with achieving necessary certifications for Saudi Arabia (and/or other countries in the Arabic Gulf region), please contact Hatim.Afaneh@nemko.com or Lars.Hjerpseth@nemko.com .

New regulation for telecom equipment in Syria.



Like for Afghanistan, as reported in the last (August) issue of this newsletter; although everything may these days appear to be chaotic also in Syria, in certain technical areas the authorities seem to have due regulatory control.

The *Syrian Telecommunications & Post Regulatory Authority (SY-TPRA)* recently announced a new regulation for telecom products to be marketed and used in Syria.

The regulation is designated No.43 and is apparently so far available in Arabic only. According to its Article 2, it applies to all types of radio- and telecom terminal equipment. It is in effect **from 1 September** this year.

The new regulation covers amongst other the following topics:

- Type approval required.
- Sample for testing may be requested by SY-TPRA in some cases
- Approval label on the product or its sales box. (Must be black print on white background. May be in soft copy).
- Approval label not required on systems and components as interface cards and pre-built modules.
- SY-TPRA charges; EUR 425 for new applications, EUR 325 for renewals.

For new applications, also proof of safety testing to the risk based standard IEC 62368 is required. For renewal of already approved products, the already submitted test reports based on the standard IEC 60950-1 or IEC 60065 will be accepted without new testing.

For more information or assistance with type approval of telecom equipment for Syria, please contact Tom.Tidwell@nemko.com or Hatim.Afaneh@nemko.com

Germany introducing IoT cyber security labelling scheme (Based on [blog](#) by Geir Horthe 20 Sept.2021)



For increasing the protection of consumers by security of IoT devices, the German authorities (*Federal Office for Information Security, BSI*) now introduces an IT-security label, whereby consumers shall have possibility to check for themselves the security features of digitally connected devices and services. When buying such a labelled device, one can simply check the cyber security

status by entering the link written on the label or by scanning the QR-Code with a smart phone. This leads to a BSI website with product specific security information.

To get the IT-Security Label the vendor needs to fill out an application and declare that the product or service meets the requirements of the corresponding BSI product category.

After a positive check of the documents by BSI, the label will be assigned for a specified validity period, and a product information web page will be generated corresponding to the link of the assigned label.

Introduction of the label is planned for the **end of this year, 2021**. It will not be mandatory, but cybersecurity is in any case mandatory in Europe per the General Data Protection Regulation ([GDPR](#)).

According to BSI, the purpose of the label is to:

- collect important facts to the security features of the device in an understandable way
- show that the manufacturer of the device commits to fulfill the relevant BSI requirements
- promote more vendors to be motivated to raise the security of their products
- generate trust in products, services and vendors
- help customers with the purchase decisions for IT products

The label does not, however, guarantee that the product is absolutely secure or that the vendor will fulfill all the standards also after the validity period of the label.

Also, it is designed as a self-declaration scheme, not requiring any third-party.involvement, at least not in the introductory phase.

Nemko does offer third-party testing and certification according to the IoT cyber security standard ETSI/EN 303 645, which also covers a range of regional requirements.

More information may be seen at [this site](#) . For assistance with testing and certification for cyber security IoT devices, please contact Geir.Horthe@nemko.com

Status of the EAEU regulation for energy efficiency of electrical equipment.



The Council of the Eurasian Economic Commission (EEC) adopted in August 2019 the Technical Regulation TR 048/2019 with energy efficiency requirements for energy-consuming products to be marketed in the EAEU member countries.

In January this year, the Council decided to postpone enactment of this regulation till **1 September 2022**. The postponement shall give manufacturers time to ensure a smooth transition to the unified technical regulation. Besides, the decision accounted for the current restrictions caused by the Corona pandemic.

According to the Council Decision No. 114 from 2019, the requirements for 18 types of electrical appliances will be reinforced with performance of energy consumption and some with energy labelling. The requirements are largely based on EU's latest energy regulations and entail self-declaration of conformity (DoC) for most of the product types, including household appliances such as refrigerators, washing machines and vacuum cleaners as well as external power supplies. Certification is required for certain types of lighting equipment and for computers & servers.

For further information and assistance with necessary documentation for issuing DoC or certification (as applicable), please contact Kenny.Ho@nemko.com

New issue of Canadian standard for IT equipment *(Based on [blog](#) by Vina Kerai dated 25 Aug.2021)*



The Canadian authority [ISED](#) (*Innovation, Science and Economic Development*) has released Issue 7 of the Interference-Causing Equipment Standard, [ICES-003](#), which covers *Information Technology Equipment, Including Digital Apparatus*.

This standard specifies the limits and methods of measurement of radiofrequency (RF) emissions, as well as the administrative requirements for information technology equipment (ITE). This includes devices or systems that generate and/or use timing signals or pulses with a rate of at least 9 kHz and employ digital techniques for purposes such as computation, display, control, data processing, and storage.

There are three primary changes:

- *Additional requirements to wireless power transfer devices (such as a mobile phone wireless charger, etc.)*
- *Override limits have been eliminated, so now there is only one set of limits. Both CISPR and ANSI test methods are still allowed. The radiated emissions limits are changed, and less stringent.*
- *The compliance labelling requirements are specified in the new standard [ICES-GEN 1](#)*

After a year-long transition period, these changes will come into effect as of **15 October 2021** and affect manufacturers and importers placing ITE products on the Canadian market.

Demonstration of compliance with the updated standard requires a review of existing test reports to evaluate the changes as they relate to specific products. Depending on the situation, the test report can be reissued to reflect the compliance with ICES-003 Issue 7 standard, or alternatively, a document justifying compliance may be provided. In many cases, testing is not required.

For more information, please contact [Vina Kerai](#)

To get a sneak-peek into future markets



One of the prime objectives of this newsletter is to share updates on market access requirements for electrical/electronic products in different countries /regions worldwide.

Getting market access for such products can be a very complex process, especially where necessary information is not easily accessible.

Some of the key points are:

- *If local representative is needed.*
- *If product sample must be provided*
- *If user manual in local language is required*
- *If pre-shipment or factory inspection is required*
- *Validity time for the certificate/approval*

To help getting an overview of the regulatory requirements for wireless electronic products, Nemko keeps an updated 'Key-info' document which currently covers the relevant requirements in more than 50 countries.

The latest version of this 'Key-info' document can be obtained by registering [here](#).

For more information or assistance with certification/approval of electrical/electronic products worldwide, please contact Tom.Tidwell@nemko.com or Lars.Hjerpseth@nemko.com

Coming events

28 October- Nemko Germany webinar: 'Cyber Security for IoT. Are you sure?'

For information and registration, please click [here](#).

6 October - Nemko India webinar: 'Field evaluation and Special inspection services'

(In collaboration with Maharashtra Chamber of Commerce, Industries and Agriculture - MCCA)

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](#).

