

News in Brief

February 2020

Dear Reader,

In Northern Europa, we have experienced an unusually warm January and February. Whether being a result of climate change or natural variation, and to which extent caused by man-made global warming or other causes, nobody knows for sure. In any case, we can certainly not take the risk of regarding it a mere natural phenomenon, but must all do utmost to try reducing the man-made effects.

Politicians/authorities as well as businesses worldwide have increasing focus on measures for this, both regulatory, influentially and financially. An example is radical energy limitations for certain electronic equipment in Europe as referred in the first article below.

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Best regards

Trond Sollie

Editor

New European energy regulations

A series of new EU regulations concerning energy limits have been introduced for different categories of electrical and electronic products to be marketed in Europa, amongst other:

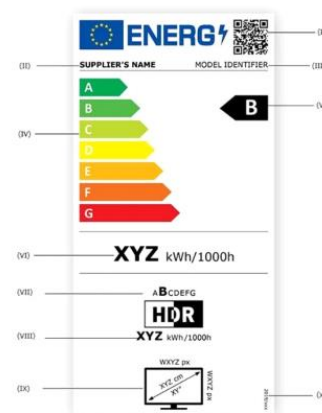
- Electronic displays, incl. TVs and Signage Displays (previously 'TV regulation')
- Servers and data Storage Products. (ref. 'Lot 9')
- External power supplies (EPS).

The displays are subject to the regulation for *Energy Labelling EU 2019/2013* from 1 November this year, and from 1 March 2021 also the regulation for *Ecodesign of Energy related Products EU 2019/2021*. (Some types of displays are excluded, such as small displays of max.100 cm2, projectors and displays for medical applications).

The labelling requirements entail seven energy efficiency classes denoted A-G, with different *Energy Efficiency Indexes* between *max.0.3 - max.0.9*, and use of a label as shown to the right here.

The ecodesign requirements cover, amongst other, design for dismantling, recycling and recovery, and provisions of spare parts for 7 years after sales stop, within 15 days.

The external power supplies are from 1 April this year subject to the *Ecodesign regulation EU 2019/1782*, which amongst other include limits for no-load power consumption and specification for relevant technical information to be in the instruction manuals and in free access websites of the responsible suppliers (manufacturers, their authorized representatives and importers) .



Servers and data storage units are already from 1 March this year subject to the *Ecodesign regulation EU 2019/424*. The requirements entail, amongst other, ranking of the products into climatic classes; four *Operating Condition Classes, A1- A4*, and for the power supply units (PSU); minimum efficiency and power factor requirements. The applicable testing standard is ETSI EN 303 470 (*Environmental Engineering - Energy Efficiency measurement methodology and metrics for servers*). For further information, please contact JonIvar.Tidemann@nemko.com

Conformity assessment agreement between the EU and the US..?



The European Commission (EC) has proposed an agreement between the EU and the US on mutual acceptance of results of conformity assessment. The proposed text concerns both accreditation of conformity assessment bodies and mutual acceptance of conformity assessment results for certain types of products, including electric and electronic equipment, machinery, medical devices and measuring instruments.

One of the proposals is for the US to have a single national mark like the European CE-marking. Another proposal is to allow the US authorized conformity bodies i.e. the NRTLs (*National Recognized Testing Laboratories, such as Nemko Inc.*), to accept other NRTLs' component certifications regardless of end-product use.

On the US side, initial review of the proposals apparently indicates that increase in European market access is unlikely while it is "*likely to impose costly, disruptive and inappropriate changes to the existing US Infrastructure for National Quality*".

Amongst the US bodies having provided written comments are **ANSI** (*American National Standards Institute*) and **NAM** (*National Association of Manufacturers*), both expressing negative reaction. However, the **IEEE-USA** (the US branch of *Institute of Electrical and Electronics Engineers*) has previously provided supporting comments to some of the EU proposals.

So the final outcome of this EU attempt for harmonization of the conformity assessment regimes between the two blocks still remains to be seen.

The complete proposal is available [here](#), and further information may be seen [here](#).

Certification of companies' preparedness for devastating incidents

Nemko has been accredited to perform system certification according to the international standard ISO 22301 for *business continuity management systems*.

ISO 22301 specifies requirements to plan, establish, implement, operate, monitor, review, maintain and continually improve a documented management system to protect against, reduce the likelihood of, prepare for, respond to, and recover from disruptive incidents when they arise. It is applicable to all organizations, or parts thereof, regardless of type, size and nature of the organization.

Nemko is the first certification body accredited to this standard by Norwegian Accreditation (**NA**), which is a full member of **IAF**, the international association of such accreditation bodies.

An organization's *business continuity management system* (BCMS), shall safeguard 'business as usual' in case of potentially devastating incidents.

Nemko has now certified the Norwegian company EVRY's Payment Card Division, a part of their Financial Services. This Division, having branches in Sweden, Finland and Latvia, works with Issuing, ATM Services, Processing & Acquiring, Fraud Prevention, Card Personalization and Banking Services 24/7.

"*This is our first area for the business continuity certification. Both Nemko's pre-audit and certification audit were carried out in a thorough way*", says Jan Werner Pettersen, Head of Group Security, Quality & Risk in EVRY.

Certification audits according to ISO 22301 may well be combined with audits according to the information security standard ISO/IEC 27001 and/or the quality management standard ISO 9001.

For further information, please contact bente.marie.stein@nemko.com





Status on the European safety standard for electronic equipment

This is further to what was stated in the November 2019 issue of this newsletter about the European version of the hazard based safety standard for IT and Audio/Video equipment, i.e. EN 62368-1 (ed3). It is now confirmed by the European standard organization CENELEC, that the EN IEC 62368-1:2020 and EN IEC 62368-1:2020/A11:2020 are near publication.

According to the CENELEC rules, the EN is split into two separate documents:

- EN IEC 62368-1:2020 – being identical to the international IEC 62368:2018, without any modification.
- EN IEC 62368-1:2020/A11:2020 – with modifications, including Common European Modifications, Special National Conditions and National Deviations.

The estimated *Date of Availability* (DAV) is 6 March this year, while the estimated *Date of Publication* (DOP) is 6 January next year, which is the latest date by which an EN has to be implemented at national level by publication of an identical national standard or by endorsement.

The estimated *Date of Withdrawal* (DOW) for the present 2014 edition is 6 January 2023, which is the latest date by which national standards conflicting with an EN have to be withdrawn. After DOW, certification to the superseded standard EN 62368-1:2014, shall not be done.

The implementation dates may further be seen at these links; for [EN IEC 62368-1:2020](#) and [EN IEC 62368-1:2020/A11:2020](#), respectively.

Manufacturers/suppliers can use this standard as basis for their European Declarations of Conformity (DoC) and CE-marking. However, as the standard will at this stage not be listed in the Official Journal of the European Union (OJ), the products are subject to a more “extensive” risk analysis, (e.g. for the European directives [LVD](#) and [RED](#)).

For further information and/or assistance, please contact Morten.Andersen@nemko.com or Bard.Myrvollen@nemko.com

Strengthening of the corporate management

On 1 February, Mr. Kristian Syverstad Myrbakk joined the Nemko Group corporate management as Senior Vice President for New Business. He came from the position as Group Legal Counsel in DNV GL, where he has been lawyer for maritime & shipping, and previously lawyer for the Business Assurance division.

Kristian has broad experience from most fields of activity of a conformity assessment body, including quality case handling, establishment and maintenance of quality systems, litigation, insurance handling, contracts, compliance, corporate social responsibility and intellectual property rights law.

His experience also includes working with digital initiatives to make existing service portfolio more efficient and to create new digital services, as well as research and development within the various fields of conformity assessment activities. During the recent years, he has had assignments as specialist auditor for Anti-Corruption system certification according to ISO 37001.



For further information, please contact Yngvar.Sjoner@nemko.com (Corporate HR Manager)



Nemko Canada hosting seminars in Quebec

At the end of January, Nemko Canada hosted two seminars for customers and partners in the Quebec province, about compliance of medical- and measurement devices which use laser- and wireless technologies.

The seminars took place in Montreal and Quebec City, respectively, and the key themes in both cases were 'Global market access', 'EMC and wireless modules' and 'Laser- & electrical safety'.

The two events were well attended and much positive feedback has been received.

More seminars are being planned by Nemko Canada.

For information about venues and dates and for registration, please contact

Gilles.Philion@nemko.com

Coming events

12-14 May 2020, IEEE/PSES ISPCE, Chicago ,USA: IEEE Symposium on Product Compliance Engineering (ISPCE).

For more information about IEEE/PSES , please check [here](#). For more information about ISPCE along with hotel and event registration, please check [here](#).

15-16 June: 26th Annual Nemko Customer Seminar in Oslo, Norway

For information, please see [here](#).

GSO courses in the Arabic Gulf Region during 2020

Information about themes,places and times may be seen [here](#)

Receive invitations to Nemko webinars on current compliance issues

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](#).

