

## Nemko News in Brief for July 2021 (Final)

Dear reader

While being summer vacation time in many parts of the world, July has been filled with global news headlines concerning various disasters:

- Record heat wave in North America with burning forests, also in northern Russia.
- Extreme rainfall and flooding in central Europe killing more than 100 people, mostly in Germany.
- Extreme rainfall and flooding also in both China and India killing many people and causing extreme damage.
- 10 years marking of the terrorist attacks in Norway by one right wing extremist killing nearly 80 people.

Also, there is growth of Corona virus cases in more countries, e.g. in the UK where all restrictions are lifted. At the same time, it is noted that China celebrated 100 years anniversary of the communist party, that Italy won the European championship in football, and that the Summer Olympic Games in Japan are in process, without spectators to limit risks of virus spread.

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

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Wishing you a continued nice summer 😊

Best regards

[T.Sollie](#)

Editor

**P.S.** If you know of customers or others you think should get this monthly newsletter, please refer to [this link](#) for registration.

## The new European regulation on Market Surveillance and Compliance of Products in effect



The regulation, denoted (EU) 2019/1020, became fully applicable on 16 July and amends the European Directive 2004/42/EC and Regulations (EC) No. 765/2008 and (EU) No. 305/2011.

The regulation covers market surveillance of non-food products (“industrial products”) whose placement on the internal market is subject to European “harmonizing legal acts”, such as the [Low Voltage Directive](#).

Basically, the aim of the regulation is to oblige companies not established within the EU/EEA to appoint an economic operator within this territory, who will have far-reaching obligations to remedy non-compliance.

Amongst the new stipulations are:

- Requires manufacturers to designate an Authorized Representative with EU/EEA to facilitate contacts with market surveillance authorities.
- Describes how national market surveillance should be organized and how the relevant authorities in the different countries should cooperate, incl. procedure for mutual assistance and use of evidence.
- Provides a set of powers for market surveillance authorities, (incl. power to access data and documents, to carry out on-site inspections and make test purchases; also to withdraw products from the market and destroy them, impose penalties and order the recovery of profits).
- Not least, it strengthens the provisions for customs controls on products entering the European market.

The new regulation may be seen in full [here](#)

The European member states must adjust their national legislation accordingly, including the German Product safety law [ProdSG](#). This law also concerns the special German GS-certification scheme, which is at the same time being somewhat updated. The revised ProdSG is, however, not yet made effective.

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### Extension of the testing capacity in Italy



On 1 July acquired the IASELAB Srl laboratory in Ferrara, Italy. It is a laboratory for environmental, safety and electromagnetic compatibility (EMC) tests for the industrial, scientific and medical sectors.

There are 11 employees in the company. The acquisition gives Nemko a direct presence in Emilia Romagna, which is in the vibrant Bologna region. IASELAB will be owned by Nemko Italy, based in Biassono near Milan.

*“This acquisition helps us on our strategic growth journey in Italy, and I am very excited to welcome our new colleagues in Ferrara”,* says Nemko’s CEO, Per Ove Øyberg

The IASELAB laboratory expands Nemko's testing capabilities within the following areas:

- Climate
- Combined vibration/climatic testing:
- Vibration and shock
- IP grade
- Solar radiation
- Corrosion
- EMC (electromagnetic compatibility)
- Electrical safety

The acquisition complements the certification services already provided by Nemko Spa in Italy, and strengthens Nemko’s position in Italy, especially in the railway and maritime industries.

*“We are excited to be able to increase our presence in Italy,”* says Luigi Trezzi, Nemko Italy’s General Manager. *“In particular, our new capabilities for environmental testing shall give us a competitive edge in the Italian market.”*

Further information may be seen [here](#) and/or by contacting [Luigi.Trezzi@nemko.com](mailto:Luigi.Trezzi@nemko.com)

### Brazil extends the simplified certification renewal process for telecom



Due to the Corona virus situation, Brazil’s *National Telecommunications Agency (ANATEL)* did last year implement some temporary simplifications of their homologation certification renewal process. This year, the time limit was initially extended to 30 June, while in view of the continued state of public health concern about the Corona situation in Brazil, ANATEL has now by its *Official Letter 65/2021 / ORCN / SOR-*

*ANATEL* further extended the term **until 31 December this year**.

However, the simplifications apply only to existing ANATEL homologation certificates that are in the process of being renewed. Renewals are still required before the expiration date shown on the certificate when it was originally issued. This temporary change in policy only represents a relaxation of the original requirements.

ANATEL is responsible for approving products used in telecommunications to meet quality and safety standards and regulated technical functionality. Nearly any product that transmits radio frequency or is connected to the public telephone network and phones using lithium batteries must be approved by this agency.

According to their regulation (per *Resolution No. 242/2000*), the issuance of the homologation document is a mandatory prerequisite for the commercialization and use of telecommunication products throughout Brazil. It entails a specific *Certificate of Conformity* to be issued by a *Designated Certification Body (OCD)* created by ANATEL itself.

Nemko can with support of local partners assist customers with the necessary testing and certification of their telecom products for market access in Brazil.

For further information and/or assistance, please contact [Tom.Tidwell@nemko.com](mailto:Tom.Tidwell@nemko.com) .

## Offering vulnerability assessment and penetration testing for cyber security



Many products should be tested before use!

Nemko has, through its subsidiary *System Sikkerhet*, extensive competence and experience in evaluation and certification of information security. This competence has enabled an expansion into *vulnerability assessment and penetration testing services* from a new special laboratory now established at Arendal in Norway.

All product development includes the phases of design – producing – testing. For connected IT products, the testing part includes penetration testing, where the system is scanned for known vulnerabilities as well as being exposed to more sophisticated «attacks». The purpose of penetration testing is both to reduce the risk of breach to happen, but also to limit the damage if a breach actually happens.

The types of vulnerability assessment and penetration testing depends on both the product and its application. Examples are:

-Compliance testing of PCI (*Payment Card Industry Data Security*) typically for customers handling credit cards where testing is a requirement of the credit card companies.

-Testing of programs running on a web server, for instance registration pages, to prevent abuse. Such pages are particularly exposed by being directly accessible on the Internet.

-Testing the security of networks and infrastructure, including testing of e.g. servers, networks and access control. The most common testing is "from the outside" and "from within" and is often made in connection with certification to the management system standard ISO/IEC 27001 for Information Security.

Both the number and severity of cyberattacks are increasing. Producers of IT equipment and systems as well as the end users are experiencing/discovering how vulnerable one may be for devastating attacks, ref. e.g. the reports [here](#) and [here](#).

For further information and/or request for services in this area, please contact [Oyvind.Storhaug@nemko.com](mailto:Oyvind.Storhaug@nemko.com)

## Passing 30 years with PCs



For most of us, it is nowadays hard to imagine life without personal computers (PCs). The *IBM PC* (photo at left) was introduced in August 1981 and then helped reassure corporate customers that personal computing was serious. However, most historians apparently agree that the personal computer revolution began in April 1977 at the first [West Coast Computer Faire](#) in California, where Steve Jobs introduced the *Apple II*, while rival *Commodore* unveiled its *PET*. Both machines were designed for consumers. And in August that year, *Tandy* launched its competing *TRS-80*. But software for these machines was largely limited to games and a few programming tools.

So, IBM did not invent the desktop computer. But when having a PC software created in cooperation with young Bill Gates and his newly established company Microsoft, combined with the IBM brand, world famous as computer maker at that time, it became another revolution in computing, though few realized it at the time.

Soon, the world began embracing little computers by the millions, with IBM dominating the sales. PCs vastly expanded the number of people and organizations that used computers IBM's essential contributions were to position the technology as suitable for wide use and to set a technology standard. Rivals were compelled to meet a demand that they had all grossly underestimated. As such, IBM had a greater effect on the PC's acceptance than did [Apple](#), [Compaq](#), [Dell](#), and even [Microsoft](#).

Despite this initial dominance, by 1986 the IBM PC was no longer considered extraordinary. From IBM's perspective, a new and vast market quickly turned into an ugly battleground with many rivals. Eventually, IBM decided to drop their PC business, and 2005 sold it to the Chinese computer maker [Lenovo Group](#).

Further information may be seen e.g. [here](#)

## **Coming events**

### **MD&M, West Medical Design and Manufacturing Event, in Anaheim California, USA 10-12 August**

with Nemko represented at booth #2067. Information about this event is available [here](#).

### **Nemko USA's 2021 International Market Access Seminar, 27-29 September in Carlsbad, California.**

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

### **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](#)