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Frequently asked questions about IT product testing

You would like to learn more about IT product testing?

You will find answers to the most important questions below.

1. WHAT DO IT PRODUCT INSPECTIONS INVOLVE?

As well as the usual individual product tests (e.g. electrical safety, **electromagnetic compatibility**, quality, pollutant tests and interface tests) we offer individual services, including in-process inspections during development, testing and training for the new standard IEC/EN 62368, production monitoring, goods inspection and conformity assessments.

2. WHAT ARE THE ADVANTAGES OF TESTING IT AND TELECOMMUNICATION DEVICES?

Our globally recognized and neutral test mark ensures the trust of your customers and business partners. At the same time, it allows you to document your compliance with legal regulations and the high-quality standard of your

IT products. It also helps you prevent additional expenses and unwanted delays and to gain access **to international markets** more quickly. And with the help of our experts you will be excellently prepared for the switch to the new standard IEC/EN 62368.

3. WHAT DOES THE INTRODUCTION OF THE NEW STANDARD IEC/EN 62368 MEAN?

As well as a new structure, the new safety standard involves a new approach to safety. In order to ensure that devices are designed safely, IEC/EN 62368 focuses on the risks that could be posed by potential energy sources. For this reason, it defines and classifies sources of danger and energy sources and specifies hazard limits.

4. WHY IS THIS NEW SAFETY STANDARD NECESSARY?

EU directives (LVD and RED) and the German product safety legislation (ProdSG) specify that electrical products must meet high safety standards before they are put on the market. These requirements have been specified in standard IEC/EN 62368.

5. WHEN WILL THE NEW IEC/EN 62368 STANDARD REPLACE THE EXISTING SAFETY STANDARDS?

The standard IEC/EN 62368 will replace the existing safety standards EN 60950 (IT products) and EN 60065 (audio/video products) in December 2020.

6. WHY SHOULD I SWITCH TO THE NEW STANDARD FOR IT PRODUCTS AT AN EARLIER STAGE?

The special requirements and safety specifications for IT products as specified in the new standard require extensive expertise and also need to be considered and implemented

early on in the product life cycle. So, it makes sense for you as a manufacturer of IT products to consider this new standard early on in your development phase. Take early advantage of our experts' technical expertise. We can provide inspections in line with IEC/EN 62368 today and provide an overview of the limits you need to observe as well as any other relevant inspection specifications.

7. WHICH SERVICES FROM TÜV RHEINLAND CAN HELP WITH THIS SWITCH?

We offer the following services to prepare you for the introduction of IEC/EN 62368:

- Workshops and in-house training
- Inspections during the development phase
- Safety inspections and certifications
- Certification according to UL/IEC 62368
- Certification according to CAN/CSA C22.2 No. 62368-1-14

DO YOU HAVE MORE QUESTIONS? CONTACT ONE OF OUR EXPERTS FOR IT PRODUCTS NOW.

[ONLINE CONTACT](#)

TÜV Rheinland
LGA Products GmbH
Tillystraße 2
90431 Nürnberg
Tel.: +49 911 655 5225
Fax: +49 911 655 5226
service@de.tuv.com
www.tuv.com/it-products

