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Frequently asked questions about testing and certification for audio and video equipment

Would you like to learn more about testing for audiovisual products? You will find answers to the most important questions below.

1. WHAT DOES AUDIO AND VIDEO PRODUCT TESTING INVOLVE?

In addition to the typical individual tests (e.g. quality, electrical safety, **electromagnetic compatibility**, interface tests and pollutant testing) we offer numerous individual services. These include production monitoring, interim testing as development assistance, conformity assessments and goods inspections as well as testing and training for the new standard IEC/EN 62368-1.

2. HOW DO I BENEFIT FROM TESTING AND CERTIFICATION FOR MY AUDIO AND VIDEO PRODUCTS?

Our internationally recognized and neutral test mark secures the trust of your customers and business partners. It documents the high-quality standards of your products and your compliance with legal requirements. This reduces your risks and also prevents additional costs and unscheduled delays. Our short test times and extensive experience allow you to gain access to new **international markets** more quickly. And our experts can help you prepare thoroughly for the new standard IEC/EN 62368.

3. WHEN WILL THE NEW IEC/EN 62368-1 STANDARD REPLACE THE EXISTING SAFETY STANDARDS?

Standard IEC/EN 62368-1 will supersede the existing safety standards EN 60065 (audio and video products) in December 2020 at the latest.

4. WHAT CHANGES CAN I EXPECT WHEN THE NEW STANDARD IEC/EN 62368-1 COMES INTO FORCE?

The safety standard IEC/EN 62368-1 has a new structure and a new extended approach to safety. It examines how the device design allows for risks posed by potential energy sources. To that end, the sources of hazards are specified, and the sources of danger and energy are defined with precision.

5. WHY IS THIS NEW SAFETY STANDARD NECESSARY?

EU directives (LVD and RED) and German product safety legislation (ProdSG) established stringent safety standards that electrical products must meet before they are put on the market. The new standard IEC/EN 62368-1 specifies these requirements.

6. WHY DO YOU RECOMMEND AN EARLY SWITCH TO THE NEW STANDARD FOR AUDIO AND VIDEO PRODUCTS?

It makes sense for manufacturers of audio and video equipment to apply the new standard IEC/EN 62368-1 during the development phase. Its special safety specifications and requirements need to be considered and implemented early in the product life cycle and call for extensive know-how. Our competent experts already conduct tests in line with IEC/EN 62368-1 and will inform you about the relevant test requirements and limits you need to observe.

7. WHAT SERVICES DOES TÜV RHEINLAND OFFER TO HELP ME MAKE THE CHANGE?

We offer the following services to assist you in your switch to IEC/EN 62368-1:

- In-house training and workshops
- Testing during the development phase
- Safety tests and certifications
- Certification according to CAN/CSA C22.2 No. 62368-1-14
- Certification according to UL/IEC 62368

ANY OTHER QUESTIONS? CONTACT ONE OF OUR EXPERTS FOR AUDIO AND VIDEO PRODUCTS.

ONLINE CONTACT

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