PROVE THEIR QUALITY
Technical innovation and consumer expectation means that to be successful Audio / Video (AV) equipment needs to be easy to use and competitively priced.

AUDIO / VIDEO PRODUCTS
FOR EUROPEAN MARKETS

AUDIO / VIDEO MARKETABILITY

Any AV product's marketability is underpinned by the principles of consumer safety, product safety and market regulation. To be successful, manufacturers and retailers need to combine a variety of testing and certification services before going to market, including:

- Product safety
- Electromagnetic compatibility (EMC)
- Restriction of hazardous substances
- Energy efficiency
- Ecodesign
- Energy labelling
- Producer responsibility

SAFETY & EMC DIRECTIVE

Rigorous safety testing ensures that your AV equipment does not present any danger to consumers or property when correctly installed and operated. But it's not just about an object's safety; how it impacts on other equipment needs verifying too. Electromagnetic compatibility (EMC) testing makes sure that your equipment emits no more than the permitted radio frequency and also that the product has sufficient immunity to interference – ensuring that it doesn't impact on the operation of other appliances.

At SGS we conduct all relevant tests encompassing IEC, EN and UL standards. We will select test standards in accordance with the regulations of your destination market(s).

SGS PRODUCT SAFETY www.safety.sgs.com

SGS EMC

SGS FI

SGS RoHS www.sgs.com

SGS CEBEC

SGS

HAZARDOUS SUBSTANCES

The EU REACH regulation established a comprehensive system to manage risks related to substances. It may affect finished products (articles) with regard to substance restrictions as well as obligations related to the presence of Substances of Very High Concern (SVHC) in articles.

The Restriction of Hazardous Substances (RoHS) directive focuses on consumer and environmental protection.

The directive currently restricts the use of six hazardous substances:

- Lead
- Mercury
- Cadmium
- Hexavalent chromium
- Polybrominated biphenyls (PBB)
- Polybrominated diphenyl ether (PBDE)

The list of substances will be extended to include the four phthalates diethylhexyl phthalate (DEHP), butyl benzyl phthalate (BBP), dibutyl phthalate (DBP) and diisobutyl phthalate (DIBP) from 22 July 2019.

ENERGY EFFICIENCY

The Energy-related Product (ErP) directive ensures manufacturers consider the principles of eco-design and energy efficiency when developing products. It applies to all products in an industrial and domestic setting that rely on energy input or generate, transfer or measure energy and therefore is key to the design and manufacture of AV equipment. Our energy efficiency and eco-design services include product testing, review, certification, factory and inspections.

WHY SGS?

SGS is the world's leading inspection, verification, testing and certification company. We are recognised as the global benchmark for quality and integrity. With more than 90,000 employees, we operate a network of more than 2,000 offices and laboratories around the world.

Independent and innovative, our Electrical & Electronics experts use state-of-the-art facilities and technology to deliver tailor made added value services that support improve your business.

We strive to deliver outstanding value at every step in your project by providing:

- Rapid turnaround
- Value-based pricing
- Technical assistance
- Key account management

Our expertise in compliance management will support you make the right choices for different national markets, while carrying out the necessary testing and certification quickly and professionally.

GLOBAL REACH WITH A LOCAL TOUCH

With a presence in nearly every single region around the globe, our experts speak the local language, understand the culture of the local market and operate globally in a consistent, reliable and cost effective manner.

CONTACT US

For further information, please contact your local SGS representative or email the global team at cgnr.global@sgs.com.

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SGS IS THE WORLDS'S LEADING INSPECTION, VERIFICATION, TESTING AND CERTIFICATION COMPANY.

WHEN YOU NEED TO BE SURE

SGS