

Zavi SRL – DIRETTIVA EUROPEA RoHS

RoHS is a European directive aimed at reducing the impact that the production and consumption of electronic equipment has on the environment. Annex VI of the directive provides general requirements for the declaration of conformity (DoC). The DoC must be translated into the languages in the required languages of the Member State of the market where the product is located.

The DoC must be created by the manufacturer. CE is the acronym for Conformité Européenne. The CE mark is applicable to those products whose manufacturers declare them capable of meeting the essential requirements. According to RoHS, the mark is applicable to products that fall within the scope of the directive. To comply with the RoHS Directive conformity assessment requirements, a manufacturer assembles the technical documentation, the technical file, based on the specified requirements and related standards. Products cannot be placed on the EU market unless manufacturers have assembled their technical documentation. Manufacturers must follow the harmonized technical standard EN50581 when regulating or creating a new technical tax. RoHS compliance due diligence requires identifying risks at each stage of its business. To this end, companies should determine what information needs to be collected and analyzed.

Good data is accurate, relevant and meets the completeness requirement. Incorrect data is obtained when suppliers do not understand what information is needed. When collecting information make sure you clearly outline your expectations and requests. Data evaluation is mandatory for manufacturers. Companies are required to maintain stable procedures for evaluating the evaluation of the information collected. Companies are required to evaluate the information collected. Companies are required to assess whether each part, component or material meets the restriction requirements for the RoHS material. Companies are required to assess whether each part of the documentation is of sufficient quality to be included in the technical file. Companies are required to ensure that supplier data is valid.

To ensure the validity of the data, companies must:

- Perform periodic reviews of the documents contained in the technical documentation
- Make sure that the documentation reflects any changes to the materials and parts

EN62321 is the EU standard for RoHS tests that allows the determination of the levels of regulated substances in electrotechnical products. The lessons learned from the first RoHS directive (2002/95 / EC) reinforced the need to understand when electronics companies should start their supply chain communication programs. Organizations will want to plan ahead so they don't incur unexpected costs, such as redesign or customized outages. A company's plan must take into account any necessary training, management commitment, customer communications, inventory timing and how to effectively manage data acquisition to ensure success.

The first step is to determine which of the company's products must comply with the restrictions of RoHS substances. The next step is to confirm the list of products and parts. When collecting data from suppliers, it is important to remind them that supporting documentation is required. It is also important to include the exemption information, if applicable.

The reporting requirements are not laid down in the actual directive. The acceptance standards listed below will ensure that Zavi SRL customers meet the due diligence compliance requirements. Since non-compliance could cause harm to human health or the environment, it was considered important that the sanctions for non-compliance, established in the various countries, were not only effective, but also proportionate and dissuasive. A company's DoC and Technical files are the first compliance diagnosis for Member States' enforcement agencies. Law enforcement agencies have dedicated RoHS enforcement campaigns that screen companies for RoHS compliance through a variety of on-site documentation, testing and control requests. Non-compliance can lead to fines, customs delays or customs refusal.