6253

EU RoHS in Practice and Global RoHS-inspired Frameworks

The restriction of hazardous substances in electrical and electronic equipment is a key component of European product legislation. The EU RoHS Directive 2011/65/EU, known as RoHS (Restriction of Hazardous Substances), limits the use of certain hazardous substances, including heavy metals, brominated flame retardants, and four phthalates that were added through Amendment (EU) 2015/863.

The requirements apply to manufacturers, importers, and distributors and include not only compliance with binding limit values but also the assurance and documentation of product conformity. The objective is to reduce risks to human health and the environment while promoting environmentally sound handling of electrical and electronic equipment.

Globally, additional RoHS-like regulations exist, including in China and South Korea. This seminar provides a practical overview of EU RoHS requirements and selected international RoHS variants.

>> OBJECTIVE

This seminar provides a solid understanding of the European RoHS Directive, including its legal foundations, structure, specific requirements, and interfaces with other product regulations such as REACH, WEEE, and POPs.

You will learn which substances and product groups fall within the scope, which limit values and exemptions apply, and how compliance is demonstrated within the framework of CE marking.

Upon completion, you will be able to systematically implement RoHS requirements within your organization and develop technical documentation in accordance with IEC 63000.

In addition, you will gain an overview of global variants aligned with EU RoHS, enabling you to compare and evaluate international regulatory requirements effectively.

Your Advantage: Your organization benefits from enhanced legal certainty and efficient implementation of RoHS requirements across the entire product lifecycle—from procurement and development to technical documentation. Reliable compliance documentation also builds trust with customers, auditors, and international business partners, strengthening your long-term competitiveness.

Industry experts with many years of experience in material and product compliance share their expertise with you.

>> NOTICE

This training is part of the certification programs “Material Compliance Professional” and “Material Compliance Officer” (PersCert TÜV).

More information online:
Material Compliance Program (TÜV PersCert) – imds professional

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imds professional environmental product compliance

>> TOPICS COVERED

Introduction and Fundamentals

- Objectives and significance
- Relationship with environmental protection, product safety, and circular economy
- Brief overview of the development of the EU RoHS Directive
- Distinction from related regulations such as REACH, WEEE, and POP

Legal Framework and Scope

- Legal nature of EU implementation
- Scope based on product categories (Annex I)
- Affected economic operators and their roles
- Obligation for CE marking and EU declaration of conformity

Substance Restrictions and Exemptions

- Overview of restricted substances and limit values
- Regulatory structure of Annexes II and III
- Exemptions and their significance
- Procedures for applying for and extending exemptions
- Special requirements for complex assemblies and components

National Implementation in Selected EU Member States

- From EU directive to national law: Germany, France, and Italy as examples
- National implementation routes and legal references
- Market access requirements in selected Member States
- Local responsibilities along the supply chain
- Compliance checks by national market surveillance authorities
- Consequences of non-compliance in practice

Proof of Compliance and Responsibilities in the Supply Chain

- Preparation of technical documentation in accordance with IEC 63000
- Use of supplier data, material declarations, test reports, and risk assessments as a basis for compliance evidence
- Roles and responsibilities of manufacturers, authorized representatives, importers, and distributors
- Communication, labeling, and record-keeping requirements throughout the supply chain
- Preparation and maintenance of the EU declaration of conformity

International Requirements and Comparison

- Overview of China RoHS 2, Korea RoHS (K-RoHS), and other global regulations
- Differences in substance lists, labeling, and documentation requirements
- Requirements in global trade and international supply chains

Practice and Outlook

- Typical challenges in practical implementation
- Market surveillance and common non-compliance cases
- Expansion of substance lists and new regulatory developments
- Trends toward harmonization and challenges in global trade
- Links to initiatives in circular economy and sustainability

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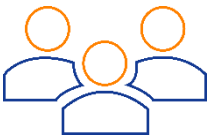
environmental
product compliance

Teaching Method

Presentation with demonstrations, practical exercises, and Q&A sessions

Duration

360 Minutes
(6 Hours)



Max. Number of Participants

14

>> TARGET GROUP

Specialists and managers in quality management, product development and product safety, regulatory affairs, procurement, environmental management, and material compliance, as well as anyone involved in the assessment and documentation of substance restrictions in products.

>> PERSONAL PREREQUISITES

Participation in the seminar “Material Compliance Compact – An Introduction (6280)” or basic knowledge of substance regulations and product compliance is recommended.

>> CERTIFICATE OF PARTICIPATION

Each participant will receive a personalized certificate of attendance as proof of qualification.

>> TRAINING DOCUMENTATION

You will receive a copy of the presentation used in class as a PDF.

>> PUBLIC TRAINING

Current prices and dates can be found on our website www.imds-professional.com

>> EXCLUSIVE TRAINING

This training course can also be booked exclusively for your organization, either as a webinar or as an in-person session.
Your advantage: You choose the location, date, and number of participants,
and you can set the focus areas of the content.

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