6271

Industry-Specific Requirements for Material Compliance – Substance Lists, Data Formats, and Verification Procedures

Material compliance requirements vary significantly across industries. While the automotive sector relies on established systems such as IMDS and GADSL, manufacturers in the rail, aerospace, defense, electronics, and toy industries work with their own substance lists, data formats, and testing methods.

With the increasing globalization of supply chains, companies are under growing pressure to address international extensions and requirements such as copper-free specifications, halogen-free materials, DFARS/ITAR, or ASTM standards.

This seminar provides a practical overview of the most important industry specific requirements, systems, and global characteristics. Participants gain insight into how material compliance has evolved across different industries and how both suppliers and OEMs can integrate sector specific obligations into their internal processes.

>> OBJECTIVE

Participants will gain a clear understanding of industry-specific material compliance requirements and develop the ability to differentiate them with confidence. They will become familiar with the key systems, substance lists, documentation methods, and international extensions relevant to each industry.

Upon completion of the seminar, participants will be able to correctly assign specific requirements such as GADSL, RISL, AD-DSL, and EN 71-3, assess their relevance for their own products, and identify interfaces and overlaps between different industries.

Your Advantage: By consistently complying with cross-industry regulations, you achieve far more than legal certainty: you actively strengthen your market position. Avoid costly product recalls and compliance-related penalties, reduce liability risks, and at the same time build trust with your customers. Compliance becomes a true competitive advantage.

Industry experts with many years of hands-on experience in material and product compliance share their knowledge with you.

>> NOTICE

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

Further information is available online: Material Compliance Certification Program (TÜV PersCert) – imds professional

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imds professional environmental product compliance

>> TOPICS COVERED

Introduction and Fundamentals
- Objectives and benefits of industry-specific material compliance systems
- Distinction between legal, normative, and customer-specific requirements
- Impact of global supply chains and international customer requirements

Automotive Industry
- ELV Directive (2000/53/EC): substance bans, recycling quotas, verification obligations
- GADSL – Global Automotive Declarable Substance List
- IMDS – International Material Data System as the standard for material declarations
- Catena-X – data exchange and Product Carbon Footprint (PCF) standardization
- OEM-specific requirements and approval processes

Caravan and Recreational Vehicle Industry
- Adoption of key automotive requirements (IMDS, GADSL)
- Industry-specific guidelines from CIVD and ECF
- Focus on product safety, interior materials, and VOC emissions

Electrical and Electronics Industry
- Implementation of RoHS and WEEE requirements
- IPC-1752A and IPC-1754 – standardized data formats for substance communication
- IEC 62474 – international substance lists and reporting structures

Rail Industry
- RISL – Railway Industry Substance List as the central substance list
- RSMS – Rail Sector Material Specification for component assessment
- UNIFE guidelines – framework for material compliance in the rail sector

Aerospace, Space, and Defense Industry
- AD-DSL – Aerospace & Defence Declarable Substance List
- DS-MIL – Defense Standard Material Information List
- IPC-1754 – standard data format for substance declarations
- OEM- and project-specific templates (e.g. Airbus, Boeing, BAE Systems)

Shipbuilding Industry
- Hong Kong Convention (HKC)
- Ship Recycling Regulation (SRR) – Regulation (EU) No. 1257/2013

Toy and Consumer Goods Industry
- Toy Safety Regulation 2025/2509 – safety and health requirements
- EN 71-3 – migration of certain elements from toy materials

Practical Application and Outlook
- Comparison of industry-specific systems and substance lists
- Challenges for multi-industry suppliers
- Development of globally harmonized exchange formats (e.g. IPC-1754, Catena-X, RSMS)
- Strategic importance of material compliance for supplier management and sustainability reporting

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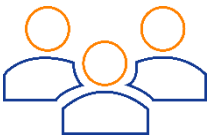
environmental
product compliance

Teaching Method

Lecture with demonstrations,
Q&A sessions

Duration

360 Minutes
(6 Hours)



Max. Number of Participants

14

>> TARGET GROUP

Specialists and managers from material compliance, quality management, purchasing, development, environmental management, and sustainability who work across multiple industries or support suppliers for several sectors.

>> PERSONAL PREREQUISITES

Participation in the seminar “Material Compliance Compact – An Introduction (6280)” or basic practical knowledge of material 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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