

6173 IMDS – Electrical/Electronic Components

Objective

Due to continuous changes in the legal framework, the requirements for compliance with E/E components keep increasing. Upon completion of this training, you are familiar with the contents of the regulations for electrical and electronic components and can apply their rules and guidelines in order to create correct material data sheets in IMDS. In addition, you are familiar with the current exemptions for lead in electrical and electronic assemblies and their applications. You are able to account for the relevant policies and their implications in your IMDS processes and avoid unnecessary overhead for corrections. Also, you know alternative solutions for reporting regarding the deactivated IMDS Rec 019. You support a functioning customer and supplier relationship and avoid having any material data sheets rejected.

Content

- ☐ Overview of Annex II of the ELV
 - Relevant laws and regulations
 - Scope of the Annex
 - Exemptions for lead applications for E/E components
- ☐ Interpretation of Annex II (2017/2096/EU)
 - Explanations on application cases for electronic components
- ☐ Reporting of E/E components
 - Reporting according to IMDS Rec. 001 incl. Multisourcing
 - Compliance of the supply chain in IMDS
 - Compliance with change management rules
 - Material designations and their classification
 - Affected rules and recommendations
 - Further example according to IMDS 019
 - Basic materials for E/E components
- ☐ Impact of the REACH Regulation on the electrical/electronics industry
 - REACH O5A – “Once an article always an article”
 - WFD: SCIP database in IUCLID and IMDS
- ☐ Overview of global reporting formats
 - Published components from E/E suppliers as an example
 - IPC Standard 1752 Class A to D
 - JAMA Data Sheets
- ☐ Practice: Creation of E/E components and circuit boards
 - Creation of E/E components
 - Creation of assembled circuit boards (PCBA)
- ☐ Questions and answers from practice
 - Discussion
 - Solutions presented

Training method

Presentation with demonstrations, Q&A

Participants

Managers and users in the areas of IMDS quality management, design, materials laboratory, environmental management.

Prerequisites

Basic knowledge in the use of IMDS.

Duration

360 minutes = 6 hours (plus breaks)

Max. number of participants: 14

Certificate

As a participant in our authorised IMDS trainings, you will receive a personal certificate with which you can prove your IMDS qualification.

Training material

You will receive a personal copy of the accompanying presentation.

Public trainings

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

Exclusive training

You can also book this training course exclusively.

Your advantage: You determine the location, date and number of participants and can focus on the content. If you wish we can take over the entire organisation.

Please ask for your personal offer:

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