

6119 IMDS in theory: Overview, background, and introduction

Objective

You will learn why the International Material Data System (IMDS) was established and its ongoing objectives. You will become familiar with the basic objectives and background information relating to the EU's Green Deal. This includes the 2050 climate objectives, the carbon footprint, and the End-of-Life Vehicles Directive. You will become familiar with the global materials and product compliance requirements that underpin the IMDS and related systems. You will become familiar with the IMDS process flow, understand your responsibilities in terms of serving as a data link in the supply chain, and know when the time has come to start reporting in the IMDS. You will learn how to use the IMDS and understand common definitions. In addition, you will become familiar with the requirements and topics associated with the IMDS. Based on our curriculum for the advanced courses, you can assess how you can further your education according to (future) tasks you will undertake within your company.

Content

- ☐ Introduction to IMDS
 - Origin, development and objectives
 - Members and roles
 - Data visibility and security concept
- ☐ The "Green Deal" in the EU
 - Objectives and background
 - Carbon Footprint, Product Carbon Footprint (PCF)
 - Recyclate data (IMDS 025)
 - New ELV 2023/0284
 - Catena-X
- ☐ Global materials and product compliance requirements
 - ELV and GADSL
 - REACH and SCIP
 - Proposition 65 (CP 65)
 - TSCA, CEPA
- ☐ Insights into the IMDS
 - Basic operation, interface and help
 - Basic substances, materials, semi-components and components
- ☐ The IMDS process flow
 - Mapping the supply chain in the IMDS
 - Obtaining and checking the data in the IMDS
 - Compliance with IMDS regulations
 - Start and end of reporting in the IMDS
 - Change management requirements

Teaching method

Lecture with demonstrations

Participants

Decision makers, management and responsible persons from the areas of quality, development, environment and purchasing; specialists in the automotive industry who would like to use the IMDS system to transmit material data.

Prerequisites

This course is a prerequisite for participation in the "IMDS in Practice" (6120) course.

Basic knowledge of the PC and the Internet.

Duration

2 x 90 minutes (180 minutes)

Certificate

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

Training documentation

You will receive your own copy of the presentation accompanying the lesson.

Public training

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

Exclusive training

You can also book this training to be delivered exclusively to you and your team.

Benefits: You determine the date, and we adapt the content to suit your preferences and requirements.

To request your tailored quote, please contact us by:

Phone: +49 6083 91 30 30
info@imds-professional.com

This introductory course will equip you with all the basic theoretical knowledge you need for a successful start as an IMDS user. During the subsequent "IMDS in Practice" (no. 6120) course, you will learn how to use the system in practice by means of exercises and demonstrations.