

International certificate: IMDS Expert (cert.)

With this certificate training you acquire a certificate as IMDS Expert officially recognized by the IMDS Steering Committee of the OEM and DXC Technology. You will not only prove your professional qualification, but also benefit from its recognition and acceptance in the automotive industry.

As an IMDS Expert (cert.), you perform the duties of an IMDS clerk. In small and medium-sized companies, or if your products consist of only a few materials or your product range is not very extensive, you can implement the IMDS work process completely and independently.

With this certification you prove your knowledge and your professional competence as IMDS Expert. It requires successfully passing the exam at the end of the training.



Objective

You can assume the role of contact person for IMDS for your own company, its customers and suppliers. You are able to evaluate requirements of the IMDS system and the IMDS rulebook and implement them for your own organization. You have the necessary competence to operate the IMDS system completely and efficiently.

You are able to evaluate the content of material data sheets with regard to compliance with all IMDS regulations and laws and you know how to report correctly. You have the competence to create, edit, check and send material data sheets. You are familiar with solutions for dealing with customer or supplier rejections and are involved in meeting customer sampling deadlines.

You are proficient in the analysis function provided in IMDS in order to examine and, if necessary, update the data stock in the event of changes to legal requirements. You know the change management requirements and can implement them safely. You can use the Chemistry Manager in IMDS.

Course contents

- Tasks and functions of an IMDS Expert
- Material and product conformity requirements
 - Implementation of global material and product conformity requirements
 - Comply with limits of regulated heavy metals in ELV Annex II
 - Consider basic substance restriction trends for future product development
 - Keep track of changes in the candidate list
 - Ensure handling of REACH-SVHC in your own company
 - Implement the Biocides Regulation in your own company
 - SCIP database
 - Control of legal changes for take-over parts (COP), scope of supply (LU) and spare parts in your own company
 - Taking into account additional pure substance restrictions or OEM restrictions (e.g. FORD RSMS)
 - Taking into account newly added or updated but already published OEM requirements
- IMDS Rule 001
 - Background, meaning and structure of the supply chain
 - Controlling the change management rules
 - Integration of the MDS update function
 - Apply and implement all IMDS rules and guidelines
 - IMDS terms of use
- Process organization
 - Documentation of the own IMDS process
 - Definition of IMDS-related rules with responsible persons of your own organization
 - Checking and integrating legal implications (purchasing, general terms and conditions)
 - Ensuring archiving obligations



- Internal MDS test routines
 - Knowledge of the standard check routines in the IMDS system
 - Interpretation of IMDS warnings and errors
 - Checking MDS with regard to IMDS regulations and legal conformity
 - Checking and setting application codes in IMDS
- MDS rejection reasons
 - Preventing, processing and evaluating rejection reasons
 - Finding solutions for a smooth reporting process in the supply chain
 - Consolidating different assessment approaches
- MDS creation
 - Determining the most efficient way of MDS creation
 - Creating materials, semi-finished products and parts in IMDS
 - Evaluate the modular MDS creation approach versus nodes technique
 - Consider critical aspects and rules of MDS creation
- IMDS rule 019 Electric/Electronic (E/E)
 - Dealing with older PCB reporters according to Rec019
 - Conversion of PCB reporting to Rec001
 - Creating E/E components in practice
 - Components in practice
- IMDS analysis function
 - Applying the detailed MDS analysis in relation to the composition of basic substances, materials and classifications of a part
 - Use of the where-used list function with regard to legal changes (REACH, ELV), substitution of materials, semi-finished products and parts
- MDS request mechanism
 - Using the MDS request mechanism
 - Creating and processing incoming MDB requests
 - Evaluating the MDS request function
- IMDS Chemistry Manager
 - Using the IMDS Chemistry Manager function
 - Passing on BPR information in the supply chain
 - Passing on REACH information in the supply chain
 - Applying the Regulation Wizard Function
- Written exam (60 min.)

Teaching method

Lecture with practical exercises, final exam

Prerequisite

Participation in our trainings IMDS Basics (6120), IMDS Structure (6121), Chemistry Manager (6132) and IMDS Requirements and Guidelines (6172) or work experience and IMDS knowledge comparable to the content of the respective courses

Course duration

3 days, from 9 am to 5 pm

As online training, the duration extends over two weeks with intervals

Max. Number of participants: 14

Personal training license

During our trainings you are working in the official DXC training system. Additionally, you receive a free personal licence ID that will be valid 4 weeks from the training.

Certificate

As a participant of this training you will receive a personal certificate after successful completion of the exam as proof of your qualification as IMDS Expert. The IMDS Expert certificate is internationally recognized by all OEMs, represented by the IMDS Steering Committee, and DXC Technology.

Training documentation

You will receive a personal copy of the accompanying presentation