

## 6217 PFAS – Understanding and implementing current requirements

### Background

Poly- and perfluorinated alkyl substances, or PFAS for short, are the focus of regulatory requirements in the EU and the USA. The group of these substances includes more than 10,000 individual substances, many of which are suspected of having negative effects on human health and the environment as a whole. These substances are extremely durable and are used in all kinds of products, e.g. also in ETFE cable strands, fluororubber, fibers in functional textiles or as coolants. According to the authorities' estimates, around 4.5 million tonnes of PFAS could be released into the environment over the next 30 years if countermeasures are not taken as soon as possible.

Do you already know if your products are affected? The EU is currently planning a comprehensive ban on these substances that could come into force as early as 2025. The restriction of the entire group of PFAS in the EU chemicals regulation REACH (Regulation (EC) No. 1907/2006) would thus be one of the most extensive restrictions on chemical substances in the EU. Since it is a great challenge for all parties involved to find substitutes and other solutions, education and quick action are now required. With the help of our experts, you will keep track of everything, know all the important details about PFAS and receive support in your individual implementation strategy so that you are properly prepared in time for the upcoming process.

### Objective

You know the definitions and widespread applications of PFAS. You know what the consequences are for your products, how to prepare accordingly and how you should act in concrete terms according to REACH-Annex XV. After individual assistance, you can assess whether your products comply with the REACH regulation. You'll know different approaches and the next steps in the process, so you can put in place needs-based PFAS compliance strategies. You will also be able to analyze and detect PFAS in IMDS.

### Content

- Definitions and applications
  - Definition, structure, composition, substance groups, effects
  - PFAS applications in general and specifically for electrical appliances and in the automotive industry
- Regulations and procedures for dealing with PFAS
  - PFAS, previous regulations (EU, USA, etc.)
  - EU proposal according to REACH-Annex XV (Timeline; Ban Option)
  - General design process
  - Implementation of internal and external strategy
  - Finding alternative materials
  - Individual assistance and conclusion
- PFAS in the IMDS application
  - Where-used analysis
  - Analysis Type
  - Analysis Parameters

### Teaching method

Lecture with demonstration

### Prerequisites

Basic knowledge of materials and general knowledge of product conformity.  
Knowledge of IMDS is an advantage.

### Duration

120 min. plus break

### Max. number of participants: 14

### Certificate

As a participant in our training courses, you will receive a personal certificate with which you can prove your qualification.

### Training documents

You will receive a personal copy of the presentation accompanying the lesson.  
Further information can be found on our website.

### Further trainings

Current prices and dates can be found on our website:  
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