LICENSED COURSE BY CLEANLINESS CERTIFICATION CENTER®

Technical Cleanliness

Specific requirements for performing analyses according to the NEW VDA 19.1 STANDARD

THE NEW VDA 19.1 STANDARD APPLIES FROM FEBRUARY 2026 — *new requirements for the analysis and assessment of contamination, including electromobility and new technologies.*

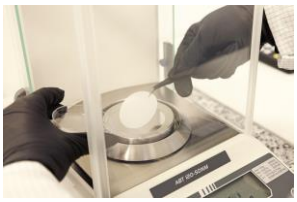
The requirements for Technical Cleanliness and environmental cleanliness are defined by the ISO 16232, ISO 13485 and ISO 14644 standards, together with VDA 19.1 and VDA 19.2. The course familiarizes participants with contamination testing and evaluation according to the new rules of the newly issued VDA 19.1 standard.

VDA Volume 19.1 "Inspection of Technical Cleanliness – Particulate Contamination of Functionally Relevant Automotive Components" covers in detail the methods and procedures used to characterize the cleanliness status of products for quality purposes in the automotive industry, and has been extended with a set of new extraction and analysis methods.

The course is developed in close cooperation with **ZEISS and CTC Lab**



Extraction Procedures



Gravimetry



Laboratory Testing

MAIN TOPICS

- **Cleanliness Specification and Strategy**
- **Selection of the Test Method**
- **Handling in Compliance with Technical Cleanliness Requirements**
- **Qualification Tests and Blank Value**
- **Extraction Procedures**
- **Analysis Filtration and Separation**
- **Analytical Methods**
- **Documentation**
- **Practical Part: SEM/EDX Microscopy**

BENEFITS OF THE COURSE

Participants will acquire up-to-date knowledge related to the newly issued VDA 19.1 standard, which has been in force since February 2026.

The course provides an expert explanation of the newly issued VDA 19.1 standard, including the supplementary comment procedure for the official release of the standard.

The course also includes an explanation of the specifications for Technical Cleanliness testing related to the newly issued VDA 19.1 standard.

The licensed course also includes a practical part focused on **SEM/EDX microscopy**, which has become an integral part of standard analyses under the newly issued VDA 19.1 standard.

During the practical training, participants will also be instructed directly by employees of **ZEISS.**



ZEISS SEM/EDX System



ZEISS Axio Zoom – Lenses

You can order the training via email (janosik@cleanlinessaudit.com) or via the link
https://cleancert.eu/skolenia/technicka-cistota-zakladne-poziadavky-vda-19-x-a-iso-licencovany-kurz-cleancert/

WHO THE COURSE IS FOR

Employees responsible for implementing cleanliness in industry, laboratory staff, quality department employees, project managers, and managers involved in the implementation and monitoring of Technical Cleanliness.

🎓 **The course concludes with a licensed CleanCert® certificate** with international validity in accordance with IAQA and WIPO (IR 018034457_01).

⚠ **The number of seats for each date is limited**

DATES AND LOCATIONS — OPEN COURSE

Date	Location	Duration	Price / person	Availability	Book this date
4.11. – 5.11.2026	Prague	2 days	**685.00 €**	**Fully booked**	**Registration completed**
25.11. – 26.11.2026	**Trnava**	2 days	**685.00 €**	**Partially booked**	**Registration open**
10.12. – 11.12.2026	**Prague**	2 days	**685.00 €**	**Available**	**Registration open**
December – on demand	Trnava	2 days	**685.00 €**	**Available**	**Registration open**

The price is stated excluding VAT and includes the licensed CleanCert® course fee, extensive training materials, and a trainer experienced in technical cleanliness audits. Registration closes 3 days before the course begins.

IN-HOUSE TRAINING FOR COMPANIES

For companies interested in an individual group course delivered directly on-site, we offer In-House training. Based on your request, we will prepare an individual price quote (date and number of participants by agreement).

www.cleancert.eu

Cleanliness Certification Center, s.r.o. is a member of the international association IAQA (Indoor Air Quality Association) – Member ID: 65547853.

The scope of activities and professional work of Cleanliness Certification Center, s.r.o. comprises expert audits and assessments of cleanrooms at the level of internationally registered activities under WIPO IR 018034457_01.

Our systems for monitoring and verifying cleanrooms are regularly reviewed by independent institutions – we hold ISO 9001 Certification in the field of technical cleanliness audits and microbiological analyses.

Successful graduates of the basic licensed course Technical Cleanliness – Specific Requirements for Performing Analyses According to the NEW VDA 19.1 Standard will be granted a 10% discount on the price of the Technical Cleanliness Auditor course.

The upcoming course is designed for Technical Cleanliness Auditors in accordance with the revised ISO 19011:2026 standard and the new VDA 19.1:2026 rules.

OUR TRAINING CENTERS



Prague Training Center



Trnava Training Center

COURSE SUPERVISOR

Ing. Róbert Jánošík, PhD. — Certified Cleanliness Auditor – CAE® (Reg. No. CCC-2110-A0001)

Cleanliness Certification Center, s.r.o.

Inspection body in the field of Technical Cleanliness · member of the international association IAQA

Levoča, August 2026