

Technical Cleanliness

Testing according to VDA 19.1 | Technology Center Filderstadt

The cleaning of components in the manufacturing process chain is becoming more and more important to a value-adding process, as the cleanliness of a workpiece has meanwhile developed into a decisive quality feature. The seminar is aimed at employees who carry out cleanliness tests in practice or who have to or are responsible for setting up an appropriate laboratory.

TECHNICAL
CLEANLINESS



In addition to the basics for carrying out a professional cleanliness analysis according to VDA 19.1, we also provide you with basic knowledge of technical cleanliness in assembly according to VDA 19.2. This enables you to take a holistic view of the subject of cleanliness in industrial component cleaning.



AKADEMIE

Schulung | Beratung
Analyse | Optimierung

Testing according to VDA 19.1

First you will be introduced to the theoretical basics of technical cleanliness. You will learn, among other things:

Cleanliness requirements

- History – derivation VDA 19.1
- Cleanliness becomes quality
- Necessity vs. feasibility
- Consideration of the entire process chain

External factors influencing the cleaning process

- Part geometry, part size, material
- Contamination, machine care, staff
- ...

Internal factors influencing the cleaning process

- Circle of Sinner – Chemistry, time, temperature, mechanics

Cleanliness analysis


- Characterization of particles
- Selection of the test method
- Test method, decay curve, blank value

Assembly cleanliness

- Re-contamination, environmental conditions
- Influencing factors

Then you will learn to carry out a high-precision cleanliness analysis in our laboratory in the Technology Center Filderstadt. In addition you will learn how to document it and to make a professional report.

Dates/Price/Duration: upon request, 1 day

 **You would like to find out more, have questions or need an individual offer and personal advice? Our trainers look forward to your message.**

Ecoclean GmbH | Academy Filderstadt | Muehlenstrasse 12 | 70794 Filderstadt, Germany
T. +49 (0)711 7006-402 | E. academy.filderstadt@ecoclean-group.net