

# Fundamentals of Industrial Parts Cleaning

Compact Training | Half a Day at your Location

On the way to the final product many different parameters influence the required quality of the parts. That means, for efficient parts cleaning all the influences along the process chain must be taken into account. The participants will be sensitized regarding the possibilities and feasibility in cleaning technology and will learn to assess cleanliness requirements correctly.

FUNDAMENTALS OF  
INDUSTRIAL PARTS  
CLEANING



With our precise short training courses, we present the most important information condensed to the essentials. 4 hours at your location.



**ACADEMY**

Training | Consulting  
Analysis | Optimization

# Content

## 1. Targets and requirements for a cleaning process

- Coarse cleaning, fine cleaning, precision cleaning
- Fulfillment of requirements for component cleanliness
- Easy-to-clean design

## 2. Entry into parts cleaning

- Basics of organic and inorganic chemistry (Lipophilicity/Hydrophilicity)
- Origin, classification and composition of contaminations (cooling lubricants, oils, swarf or particles)


## 3. Influence factors on the cleaning process

- Part (material, kind and amount of contamination, geometry, quantity, cleaning time)
- Cleaning media (aqueous/solvent)
- Demands on the surface quality and the part cleanliness
- Staff (process relevant employees)
- Work piece carriers

## 4. Machine-specific process parameters

- Bath maintenance measures (media preparation)
- Cleaning and process technology solutions (spraying, splashing, flooding, injection flood washing, vapor degreasing, ultrasound with different frequencies, part movement like turning, swiveling and so on...)

Dates/Price/Duration: upon request, half day seminar

 **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