



PDP – Product Development Process – Focus Technical Cleanliness



TRAINING

Basic training	Basic training				
Assembly cleanliness			Assembly cleanliness		
Equipment design			Equipment design		
Product development	Product development				
Testing of standards	Testing of standards				
Quality planning		Quality planning			
Cleanliness inspection		Cleanliness inspection			
Logistics and packaging		Logistics and packaging			
Training and awareness of production employees				Training and awareness of production employees	

Your aim

Technical cleanliness – as much as required – not more than necessary!

Our solution

Since we accompany and support you during the early concept decision and advice you along the entire product development process, you can reach your technical requirements quickly, target orientated and with optimized effort. CleanControlling offers you the independent consulting service you and your products need.

Our principles

As clean as necessary, not as possible!

The cleanliness specification represents the starting point for us. We identify the fields of action which represent the optimal cost-benefit ratio for our customers.

From the inside to the outside

Particle sources are all the more critical the closer they are to the components or sub-assemblies. We prioritize our recommendations to our customers to reach the specifications efficiently.

Please also take a look at the offers on our homepage regarding current conferences of experts.

All services can be carried out in German as well as in English!

CONSULTING

Assessment					Production cleanliness assessment according to VDA19 part 2
Audit					Audit / Potential analysis according to VDA19 part 2
Consulting	Requirement analysis		Environmental cleanliness analysis		
		Product design assessment	Process chain analysis		Laboratory assessment according to VDA 19.1
			Concept assessment of assembly equipment at the CAD stage		Laboratory audit
				Microscopical component assessment	
	Testing of standards		Planning and implementation of cleanliness areas		
		Limit value determination	Preparation of cleanliness orientated guidelines for assembly equipment		Supplier development
		Specification development			Trouble shooting in the field of technical cleanliness
		Test specification development	Logistics concept and packaging design		Process analysis
		Company standard development			Particle source search
			Laboratory planning including equipment		

QUALIFICATION

Qualified employee of Technical Cleanliness

Specialist of Technical Cleanliness

Auditor of Technical Cleanliness