

TECHNICAL CLEANLINESS



For power electronics as well as for sensitive sensors, such as those contained in driver assistance systems, the risk posed by particles must increasingly be evaluated in addition to ionic and filmic cleanliness. In addition to the mechanical influence on seals and switches, particles can have an electrical effect. In the training, you will gain insight into the practice of risk assessment, as well as the resulting approaches to risk minimization.

WE OFFER YOU

Half-day intensive training around the topic of technical cleanliness on electronic assemblies - overview of risks, real-life examples, intensive learning in a small group and exchange with an experienced speaker.

AGENDA

Fixing your specific focus points

Introduction to the topic of technical cleanliness - requirements for automotive electronics

- Reasons for the cleanliness requirements
- Important industrial norms and standards (e.g. VDA 19, ZVEI guidelines or IEC TR 61197-7m IPC-JSTD-001)
- Questions and answers

Approaches to particle contamination risk assessment.

- Particle extraction method
- Step stress analysis
- Determination of particle hygroscopy
- Holistic assessment of the risk from particles
- Questions and answers

Optimization of technical cleanliness

- Particle sources
- Methods for particle minimization
- Specification of action priorities Methods for removal
- Questions and answers

Conclusion discussion based on your specific focus points.

FURTHER INFORMATION

- At least 2 participants
- Time flexible
- Duration: 3,5 hours
- Online or in presence at ZESTRON Europe
- Languages: German, English, French, Chinese

OVERVIEW TOTAL OUTPUT

- Overview Technical Cleanliness
- Detailed discussion of your problems/focus points
- Confidentiality agreement (NDA) upon request
- Dispatch of training materials before the start of the event
- Lunch and drinks during breaks (if present)
- Certificate of participation

PRICE (valid 2023):

570,- € per person
 10 % discount from 3 participants
 15 % discount from 7 participants

CONTACT US

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