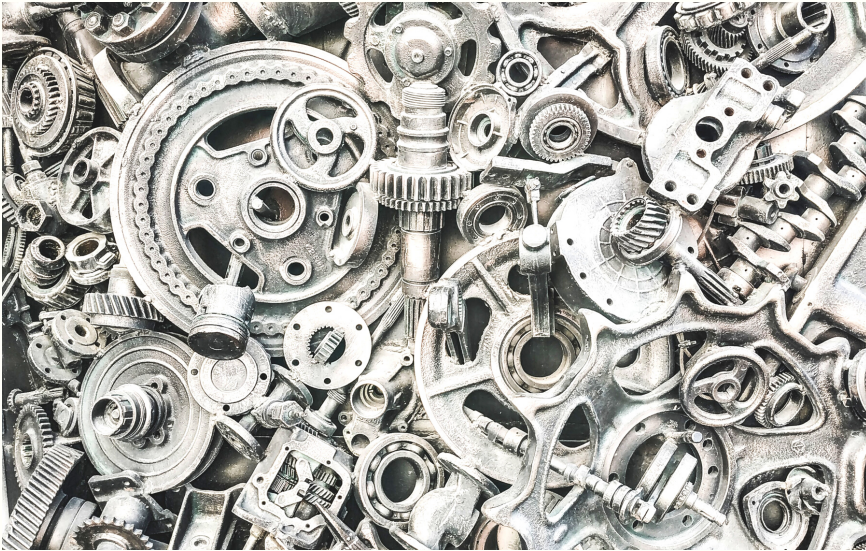


RELIABILITY

Product reliability must not left to chance



FACTS

- Duration: 2 days
- Hold: presence | online
- Language: german | english
- Methodology:
 - lecture
 - application examples from practice
 - interactive exercises
- Own laptop is required

CONTENT

The aim of this training is an application-oriented introduction to reliability in order to

- be able to define the term *reliability*
- process censored data correctly
- perform a Weibull analysis
- calculate the reliability of serial, parallel and mixed systems
- calculate and visualize the failure rate for repairable systems
- derive suitable reliability targets for specification sheets
- model the reliability growth for a reliability development process
- correctly apply relevant reliability methods in a product development process

Target group: quality, reliability and warranty engineers, project managers

Basic knowledge: Basic knowledge of statistics is an advantage

TOPICS

WEIBULL ANALYSIS

SYSTEM RELIABILITY

RELIABILITY GROWTH

APPLICATIONS IN THE PRODUCT DEVELOPMENT PROCESS