Developing validation test plans for reliability using accelerated testing

Learn from the very best – namely Larry Edson – all aspects of designing and performing an accelerated test that retains correlation to real life

Many companies set ambitious goals for the reliability of their product, and while there can be a lot of fanfare to promote the desire for a reliable product, many companies assume that their engineers will know how to make this happen… but that is not always the case. Dr. W Edwards Deming would listen to the wants of management and then ask the critical question: “By what method will you make your wants come true?”

This class will answer Dr. Deming’s question with clear and defined processes and methodologies that are supported with sound statistical thinking. The following topics will be taught through examples and will be integrated into any overall Reliability Program Plan:

- The physics of how things fail.
- Valid reliability metrics for durable products.
- Developing a plan that is based on science and mathematics while having the property of being objective rather than subjective.
- The importance of a test flow… how to design it, how to use it, and how to interpret it.
- How to develop the essential building block of defining ‘one-life’ in engineering terms for critical failure mechanisms.
- How to properly design and use an accelerated test that retains correlation to real life.
- Applying statistics to the decision making process for reliability.
- How ‘consistency of purpose’ and ‘disciplined execution’ should be the responsibility of management.
- How to convey what you learn in this class to others in your organisation.

DATE
1-2 November 2016, 09:00 – 16:00

VENUE
DELTA Hørsholm, Venlighedsvej 4, 2970 Hørsholm

SIGN UP
https://www.conferencemanager.dk/developing-validation-test-plans-for-reliability-using-accelerated-testing/sign-up.html

PRICE
DKK 9.500,-

The conference fee is non-refundable/registration is binding. However, a colleague can take your place if you are prevented from participating.

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