



# ASQ CRE Prep course

Lesson V. A.

Reliability Test Planning

# Purpose of Reliability Testing

- **What will fail**
- **When will it fail**
- **Basically, will it last long enough**



# Involves:

- **Statistics**
- **Function**
- **Environment**
- **Reliability**
- **Safety**





# Planning

- **Criticality**
- **Safety**
- **Risk of failure**
- **Specifications**
- **Expectations**
- **Red Flags**
  - **New technology**
  - **New vendor**
  - **New application**



Do you do  
testing?



# ASQ CRE Prep course

Lesson V. A. 1. a.

Reliability Test Strategies

Types of Testing