



ASQ CRE Prep course

Lesson I. C. 3.

System Safety



Fail safe, if possible

SYSTEM SAFETY

Safety and Corrective Action

- **All elements of lifecycle**
- **Not just another field return**
- **Consider what happened and why**



Safety Program

- **Goals**
- **Design**
- **Assembly**
- **Delivery**



Evaluation of Safety Conformance

- **Regulations and Standards**
- **Nationally recognized testing laboratories**
 - **Evaluation of parts and components**
 - **Component application and overall system evaluation**
 - **Continuous surveillance**

User Safety

- **Warnings and Cautions**
 - In the manual
 - On the product
- **Labels and Signs**
- **Operator Manuals**
- **Training & Capability**

Risk Management

- **Program**
- **Assessment**
 - **What-if analysis**
 - **Delphi**
 - **MOSAR**
 - **Quality Tools**
 - **HAZOP**
 - **FMEA**
 - **PRAT**
 - **Human Factors Analysis**
- **Hazard Identification**
- **Rating the Hazard**
- **Hazard Control**

What is the role
of Reliability?



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Module 3

II. Probability and Statistics
for Reliability



Work the Quizzes

Finish the Sample Exam

Send over your questions

Check out CREprep.wordpress.com