



# ASQ CRE Prep course

Lesson I. C. 3.  
System Safety

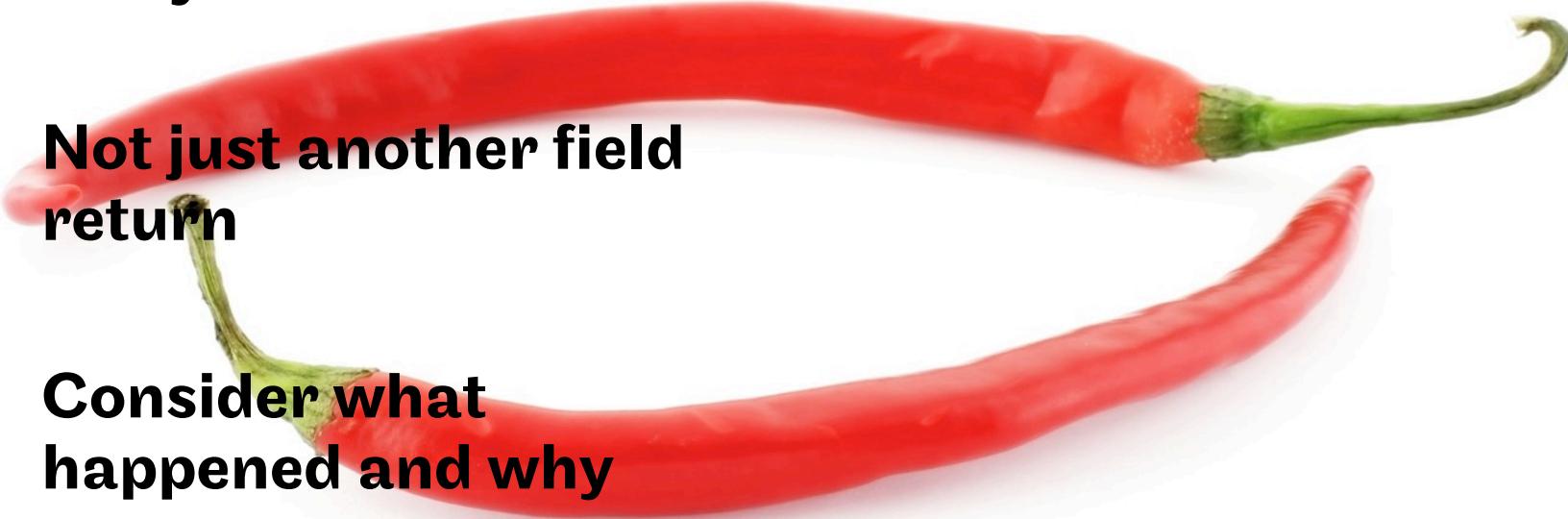


Fail safe, if possible

# 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?



# ASQ CRE Prep course

Module 3

II. Probability and Statistics  
for Reliability



## Work the Quizzes

## Finish the Sample Exam

## Send over your questions

## Check out [CREprep.wordpress.com](http://CREprep.wordpress.com)