



# ASQ CRE Prep course

Lesson I. B. 2.

Elements of a Reliability  
Program



The bits and bobs of reliability engineering

# ELEMENTS OF A RELIABILITY PROGRAM



# Blueprint elements of a program

- **Definition of the Reliability Program**
- **Developing goals and requirements**
- **Design for Reliability**
- **Assessing Progress**
- **Measuring Reliability**
- **Ensuring Reliable Performance**

# Reliability Requirements

**This is a long list to consider – yet all relate to understanding what will delight the customer over time**



# Drivers of Reliability

- **Market drivers**
- **Industry Standards**
- **Safety and Liability**
- **Regulatory**
- **Customer**
- **Business**



What factors  
influence  
Reliability?





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Lesson I. B. 3.

Types of Risk