



ASQ CRE Prep course

Lesson I. B. 3.
Types of Risk



Where do the failures come from

TYPES OF RISK

Definition of Risk

- **Probability of occurrence**
- **Impact of that occurrence**
- **For reliability – it is risk of failure**

Sources of Risk

- **Technical**
- **Safety**
- **Scheduling**
- **Financial**
- **Personnel**
- **Market**
- **Credit**
- **Operational**
- **Legal Regulatory**
- **Product development**
- **Supplier**



Risk Assessment

- **Risk management planning**
- **Risk identification**
- **Qualitative risk analysis**
- **Quantitative risk analysis**
- **Risk response planning**
- **Risk monitoring and control**

Risk Management Tools

- **Basic Quality Tools**
- **FMEA**
- **FMECA**
- **FTA**
- **HACCP**
- **HAZOP**
- **PRA**
- **Ranking and filtering**



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Lesson I. B. 4.

Product Lifecycle Engineering

