



ASQ CRE Prep course

Lesson VI. B. 2.

Corrective Maintenance
Analysis

Corrective Maintenance

Design for CM

Ease of maintenance

Ease of diagnostics

Component

Compatibility



Considerations

High system effectiveness

Optimize logistical support

Quick restoration by average skill set

Estimate CM downtime

Create fault isolation



Design Guidelines

Standardization

Modularization

Functional packaging

Interchangeability

Accessibility

Malfunction annunciation

Fault isolation

Identification



A few more considerations

Repair time

Trained personnel

Redundancy



What happens
when a system is
difficult to repair?



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Lesson VI. B. 3.

Non-Destructive Evaluation