



ASQ CRE Prep course

Lesson VI. B. 4.

Testability

Test Strategy

**Did you meet the
design requirements?**

**Often at end of
development or
production – yet earlier
is better**



Why Test?

Uncover uncertainty

Reveal changes

Expose faults

Confirm corrections

Improve stability



Testing Prompts

New development

New application

Safety/mission critical

Extended dormancy

Upgraded application

Long life expectation

Harsh environment



Testability Concerns

Is there a need for the data?

Assumptions checked?

Repair times estimated?

Physical access

Fault isolation verified

**PM and CM tasks
documented**

**Does it work for the
customer?**



Does every test
have a reason to
occur?



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Lesson VI. B. 5.

Spare Parts Analysis