

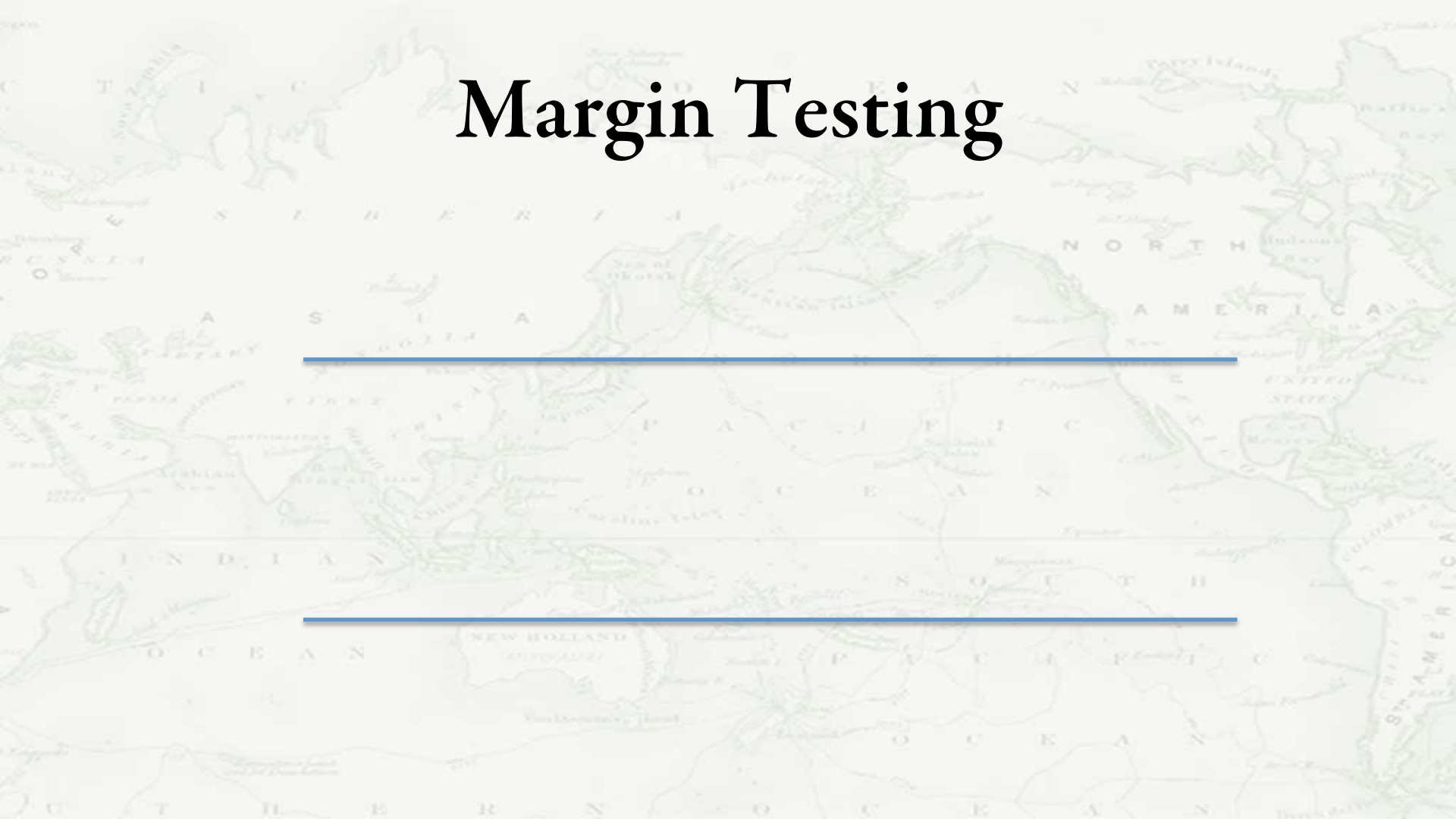


ASQ CRE Prep course

Lesson V. B. 2.

Discovery Testing

Margin Testing



Sample Size of One

- **Operating**
- **Operating Range**
- **Margins**
- **Destruct**



HAST

- **Temperature and Humidity**
- **Standard based**
 - **Lack of acceleration factors**
 - **May reveal early life failure mechanisms**



HALT

- **Operating and Destruct Limits**
- **HALT Chambers**
- **Step Stress**
 - Multiple stresses
 - Failure Analysis



Reliability or
Robustness?



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Lesson V. B. 3.

Reliability Growth Testing