

Chapter 5 Objectives

Describe:

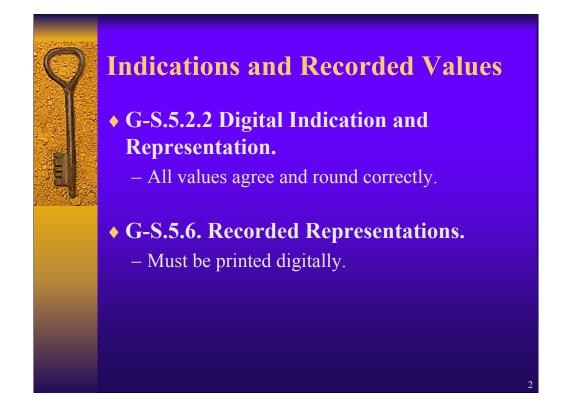
- the procedures for testing repeatability and agreement of indications.

-the procedure for verifying return to zero-load balance each time all test loads are removed.

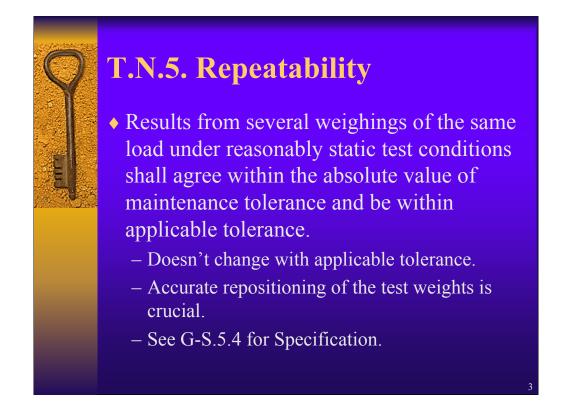
-the procedure for inspecting printed tickets during tests and checking the effectiveness of motion detect, in the case of electronic systems.

-the procedures for checking the operation and appropriateness of special operating features on electronic digital indicating scales.

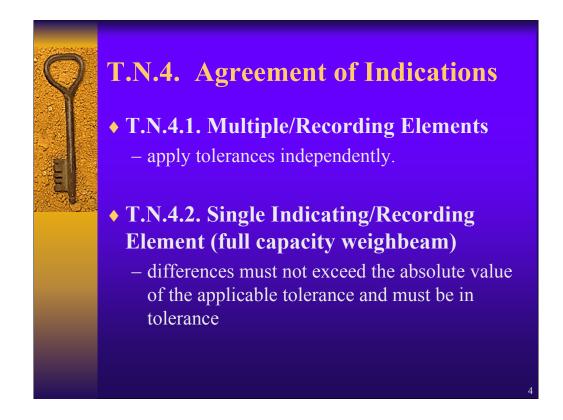
Note: Before introducing the slide presentation for each chapter, it is recommended that the presenter read the course material for the chapter in its entirety and refer to the written material as needed while using the slide presentation to illustrate and explain the text.



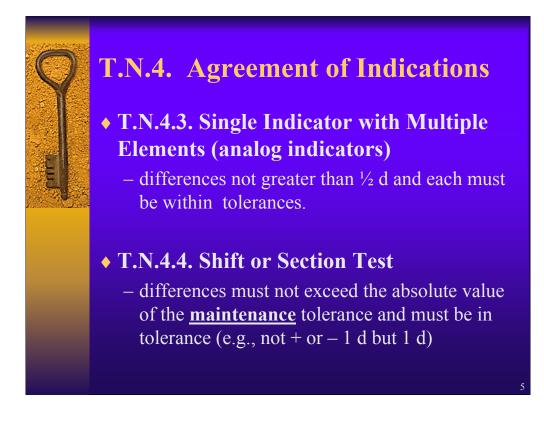
G-S.5.2.2 is a four part requirement. Read and explain each of the four individual parts (a)-(d). Provide an example of how each part of the requirement applies and summarize how the device must operate to enable compliance to each one. Read and explain the purpose of G-S.5.6.



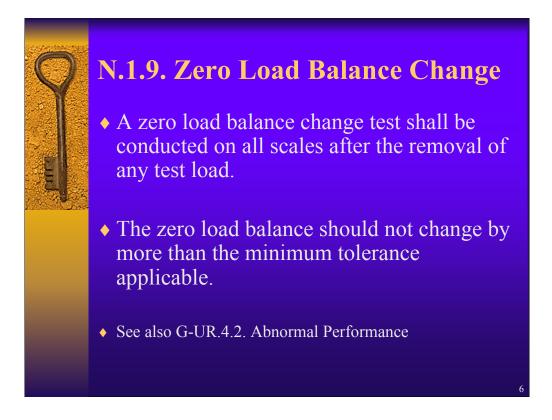
Define repeatability and explain its importance. Explain how the test is performed and the importance of reapplying the weights in the same location on the loadreceiving element. Explain why there is a tolerance applied individually to the test load and a separate tolerance applied to the variation in repeatability results.



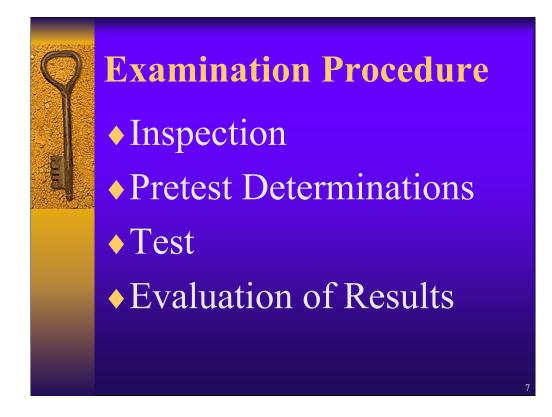
Explain the requirements T.N.4.1. and T.N.4.2. Provide specific examples of the scale components affected by these requirements. Explain how to test for compliance.



Explain both requirements. Provide examples and demonstrate how to test for compliance.



Explain how and why the test is conducted. Explain the application of this requirement when acceptance tolerance is being applied.



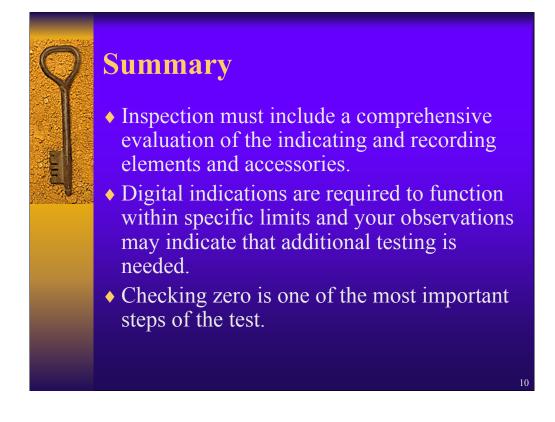
These are the main categories contained in the EPO's.



Different types of indicators require differing and unique tests. These are indicator specific tests for digital indicators. Explain each of the terms and define their importance.



Explain the importance of obtaining an understanding of the purpose of each operational control and how it functions for each device inspected. Provide several examples of how operational controls can be used or manipulated to provide both intentional and unintentional false weights.



Slide summarizes the contents of chapter 5.