

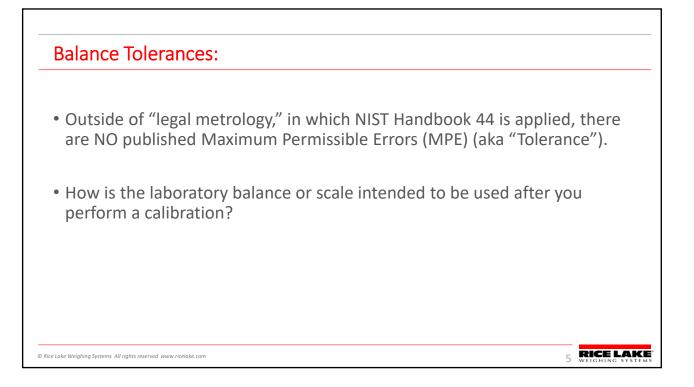


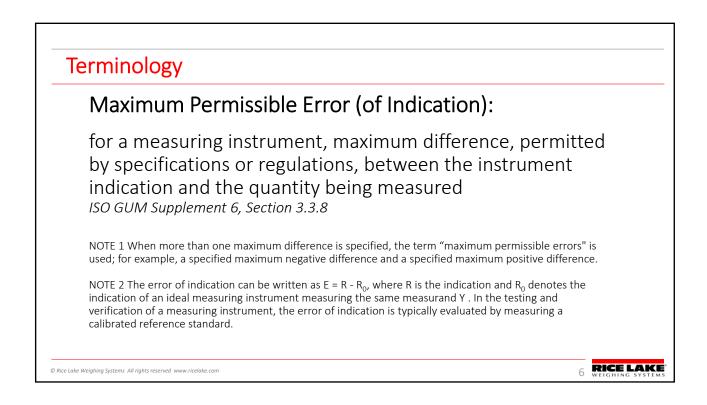




• Be prepared for t	he following:
	015 and ILAC G8 have requirements for decision rules and ments. Demonstrate competency and objective evidence durin assessment.
	ements of the customer and educated to answer customer topic of decision rules and conformity statements.
accreditation bo	nce" is currently allowed as a decision rule by the U.S. dies. Prepare to meet the new policies for decision rules and ements should "simple acceptance" not be an option in the
Additional Referen	ce: JCGM 106:2012, Evaluation of measurement data – The role acertainty in conformity assessment (GUM Supplement 6)

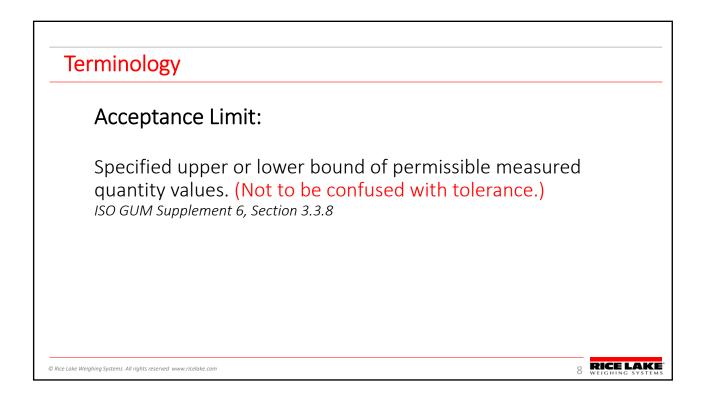




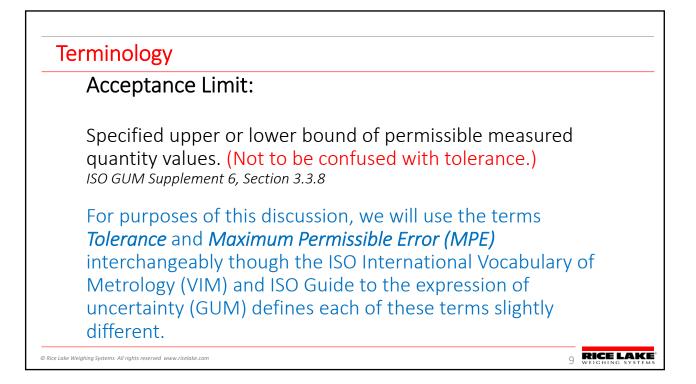


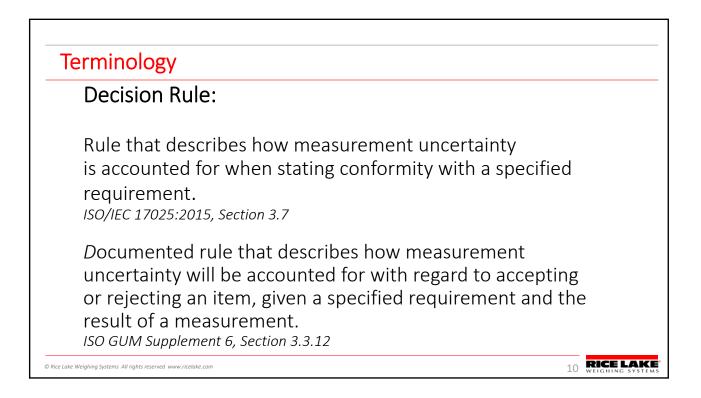


Terminology	
Maximum Permissible Error (of Indication):	
For purposes of this discussion, we will use the terms <i>Tolerance</i> and <i>Maximum Permissible Error (MPE)</i> interchangeably though the ISO International Vocabular Metrology (VIM) and ISO Guide to the expression of uncertainty (GUM) defines each of these terms slightly different.	ry of
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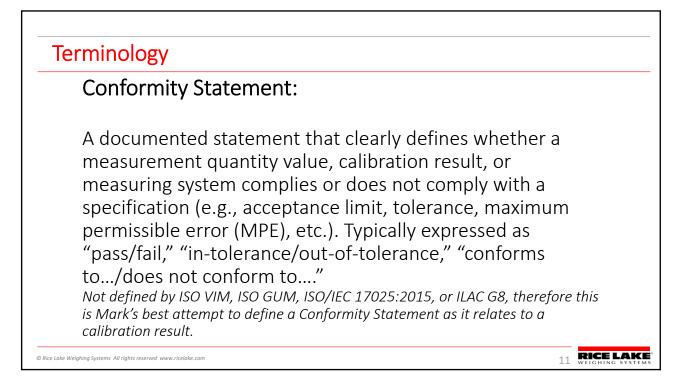


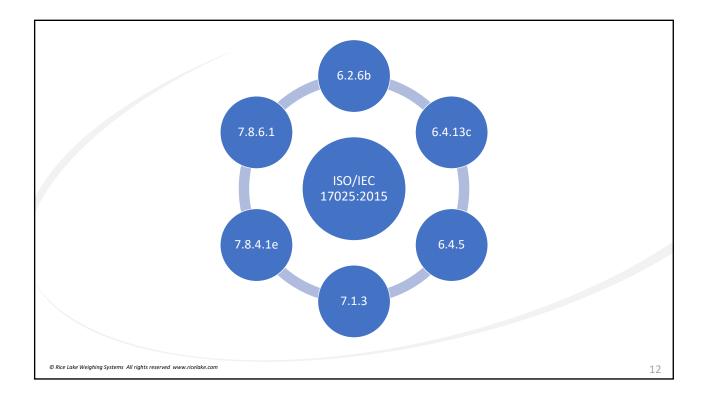






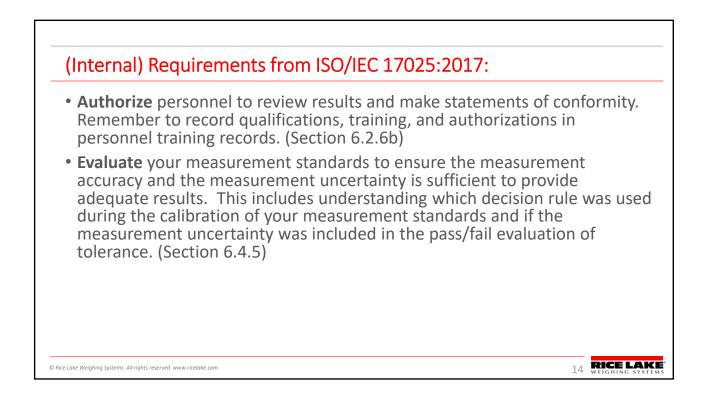




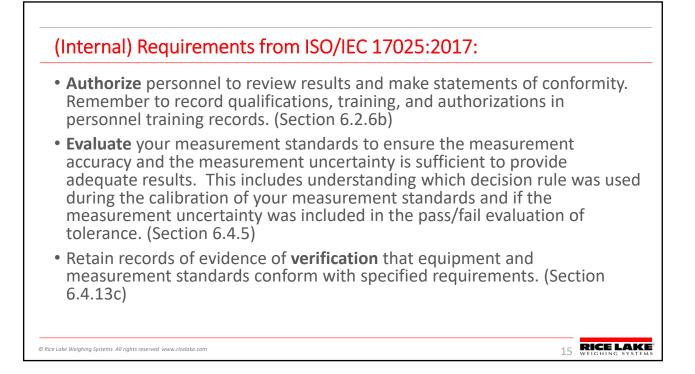


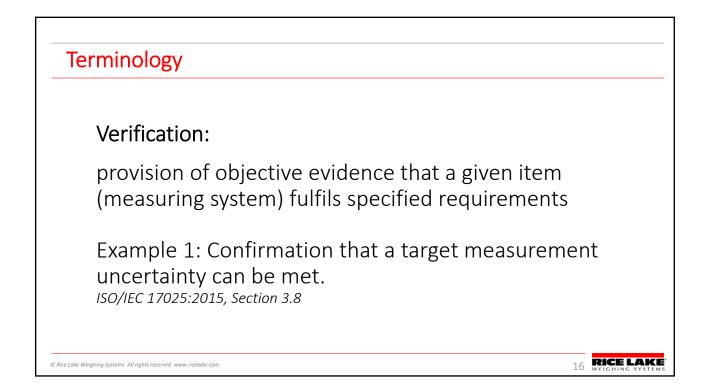


(Internal) Requirements from ISO/IEC 17025:2017:	
 Authorize personnel to review results and make statements of conformit Remember to record qualifications, training, and authorizations in personnel training records. (Section 6.2.6b) 	y.
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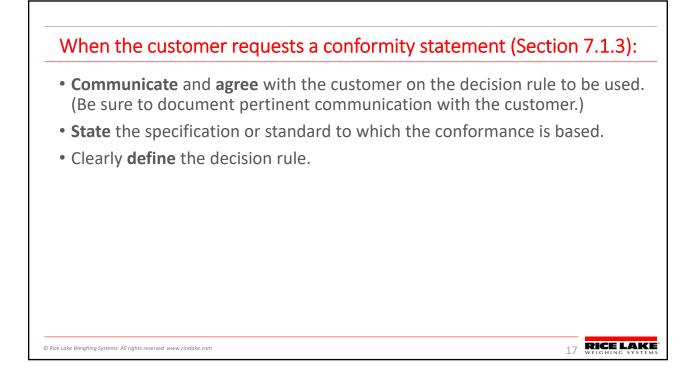


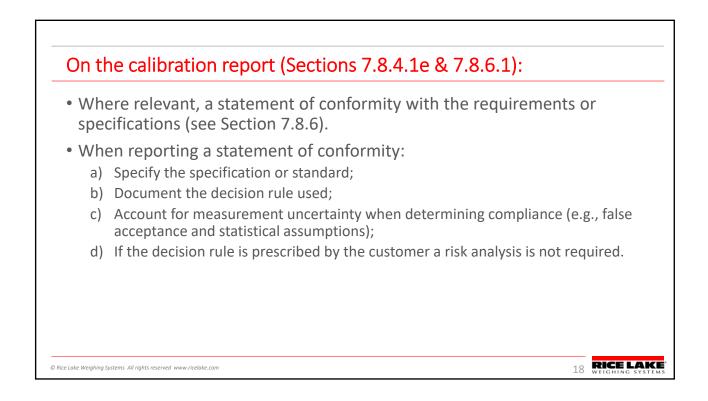




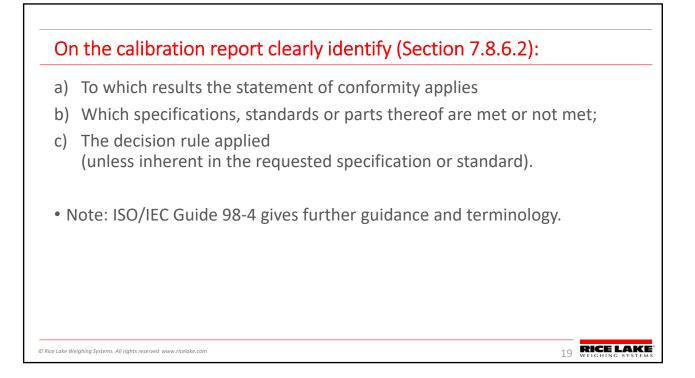


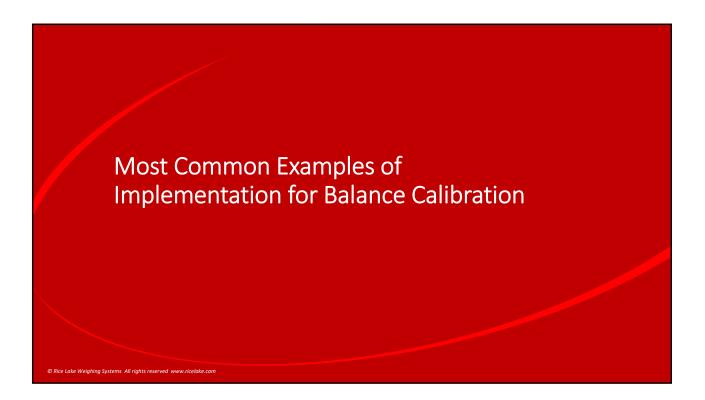




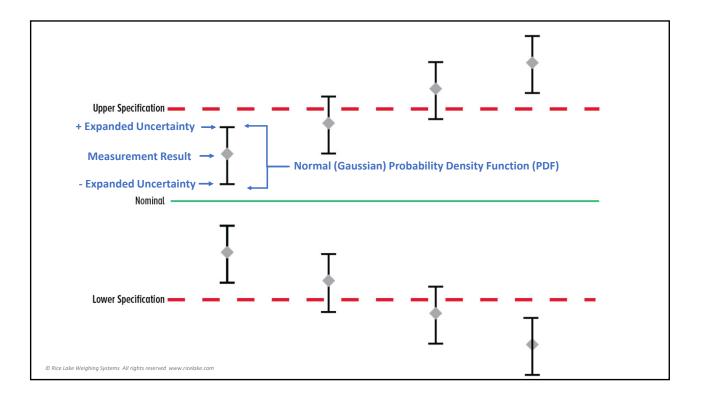


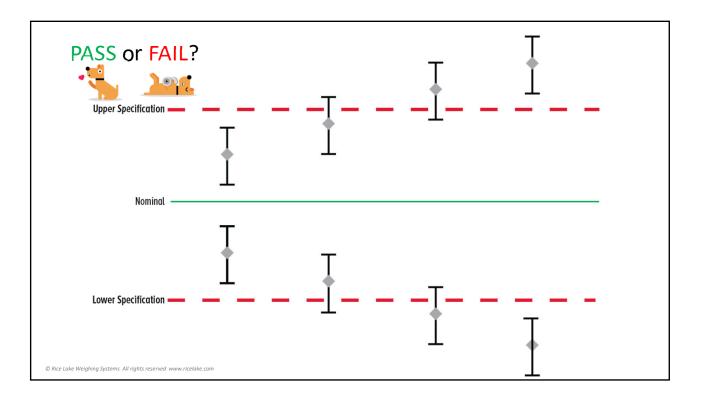




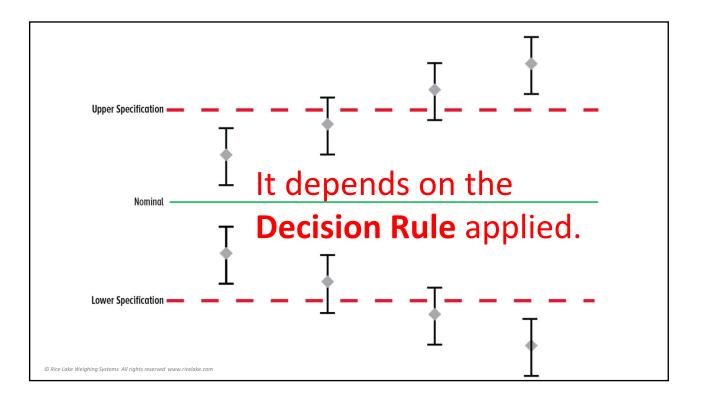






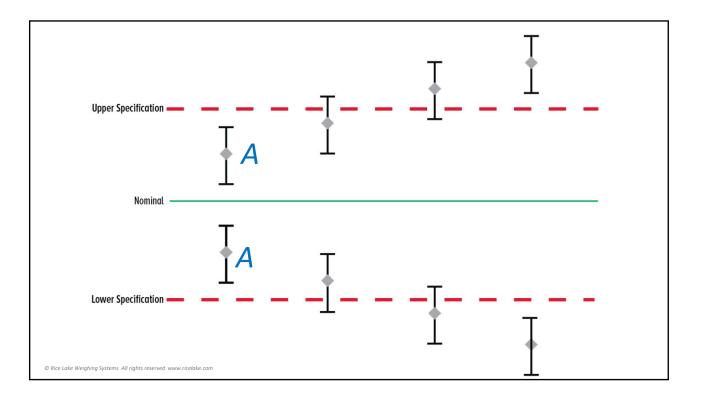


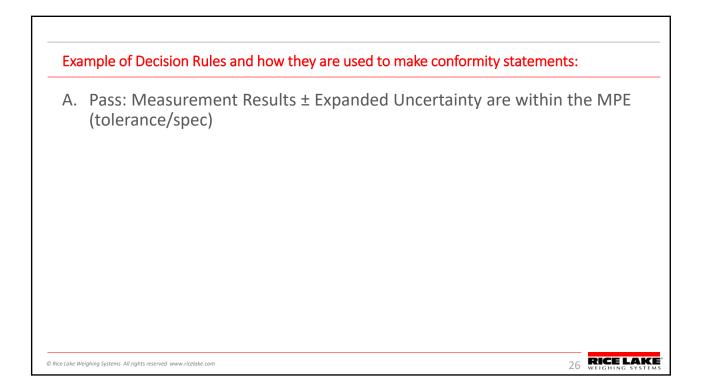




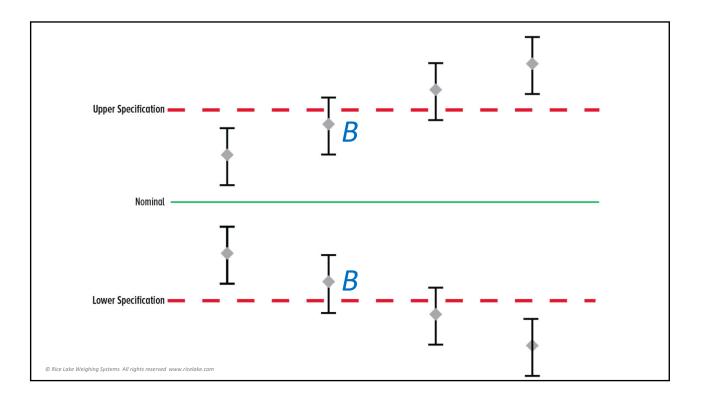


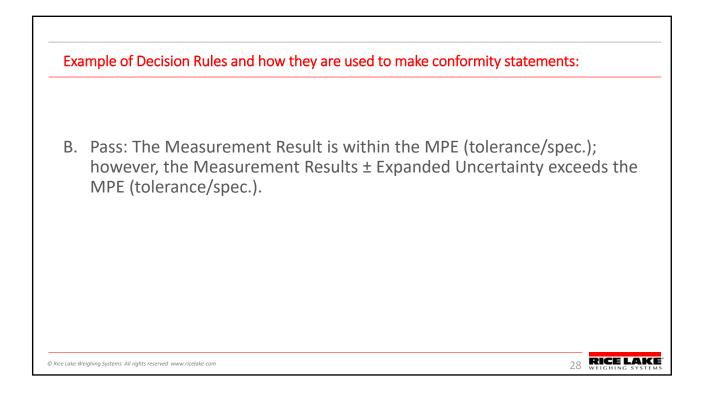




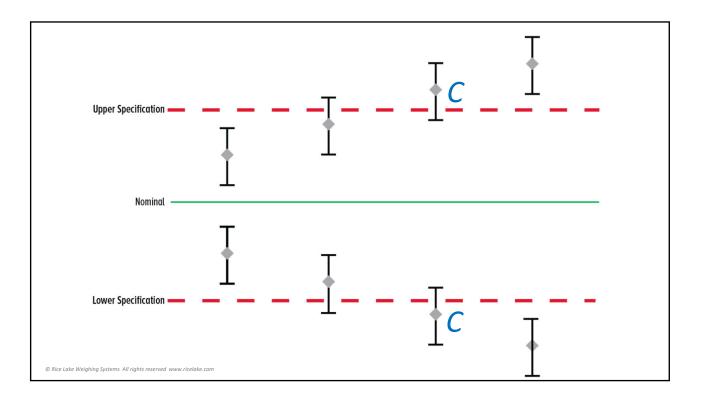


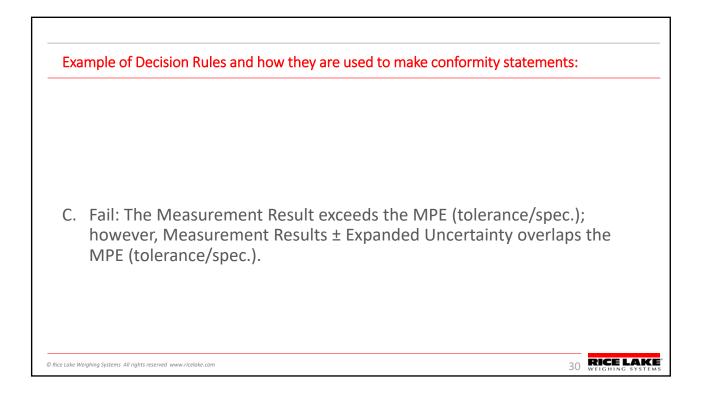




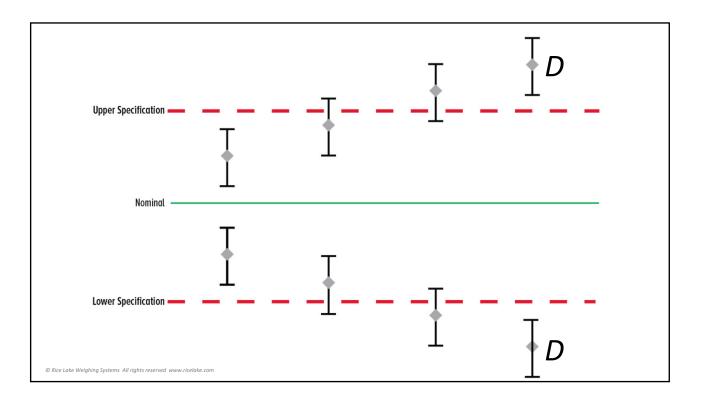


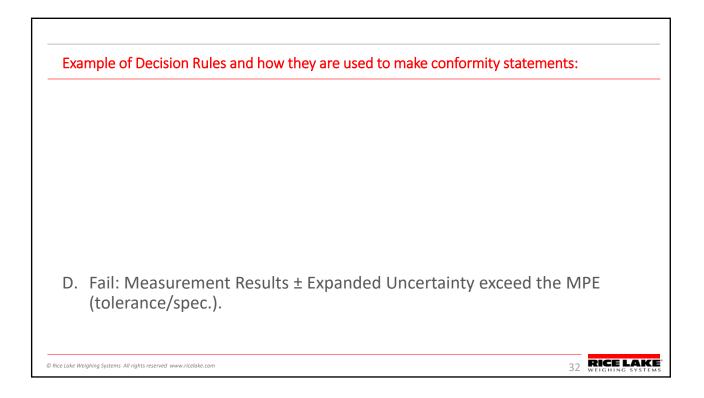




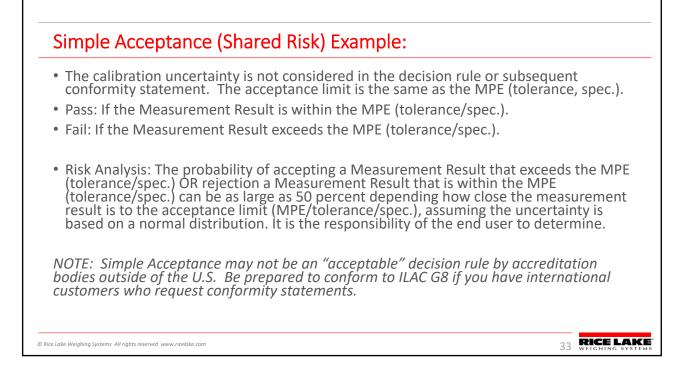


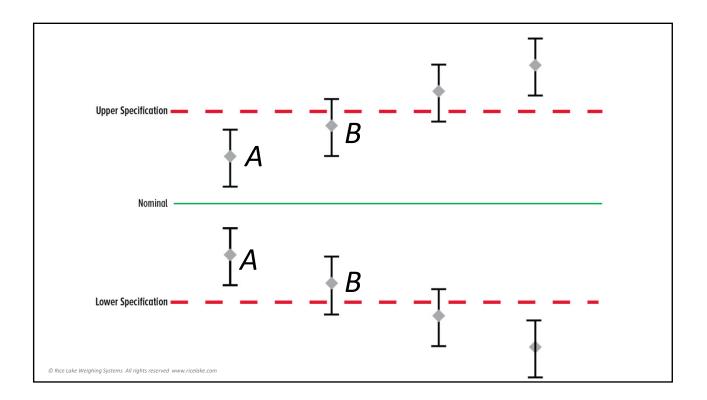






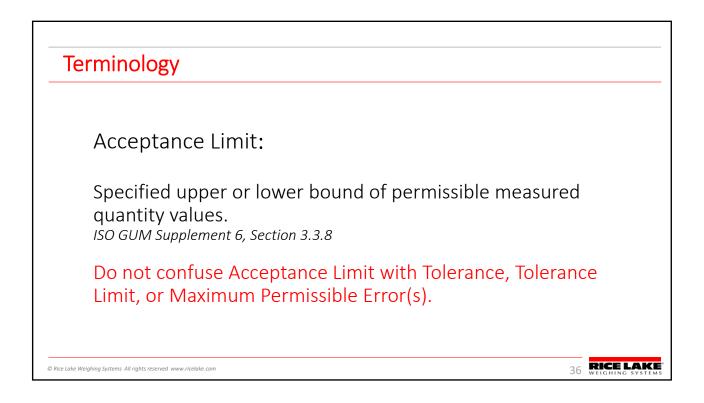




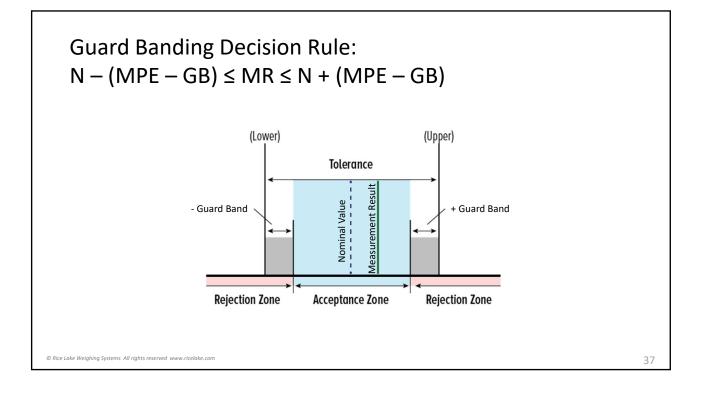


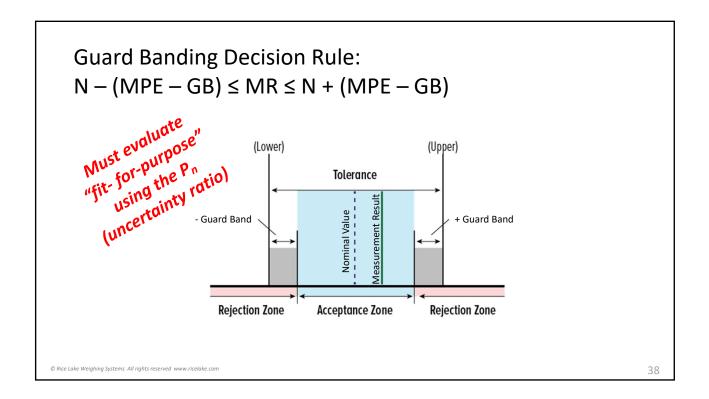


Terminology	
Guard Band:	
The interval between a <i>tolerance limit</i> and a corr acceptance limit. ISO GUM Supplement 6, Section 3.3.11	responding
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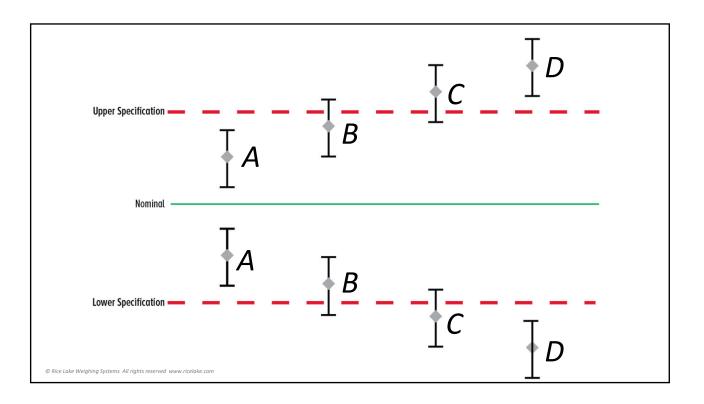


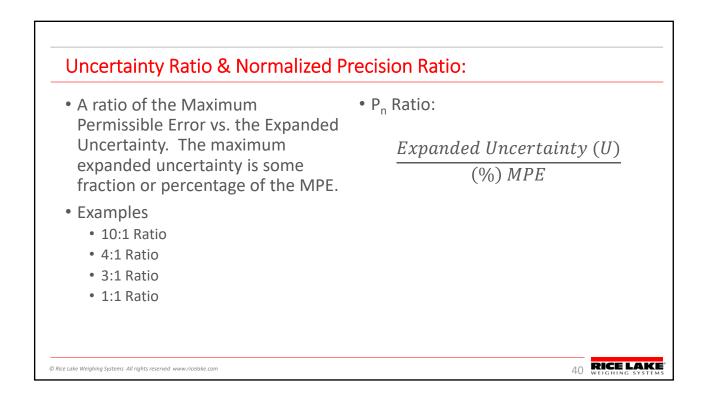




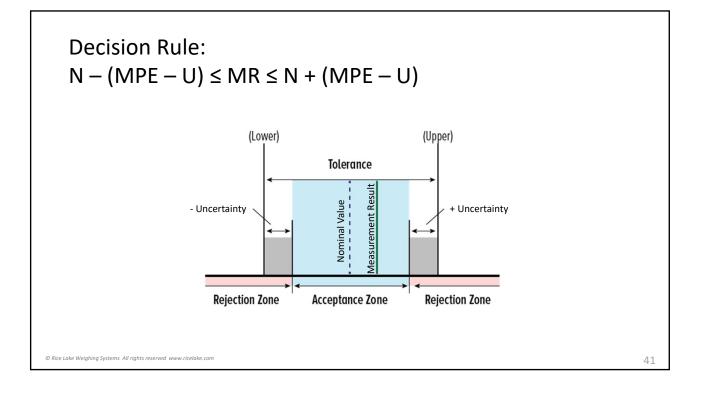


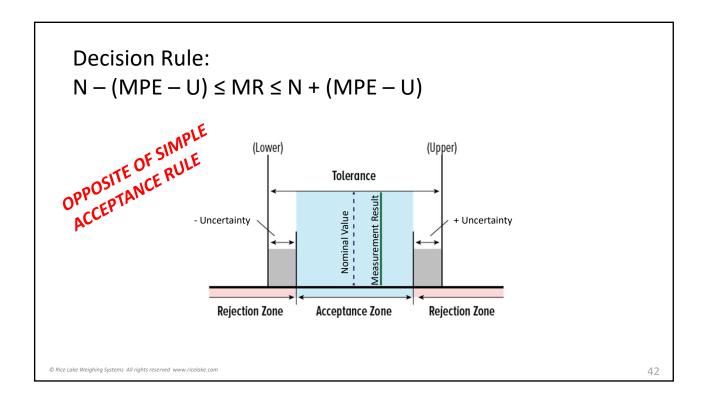




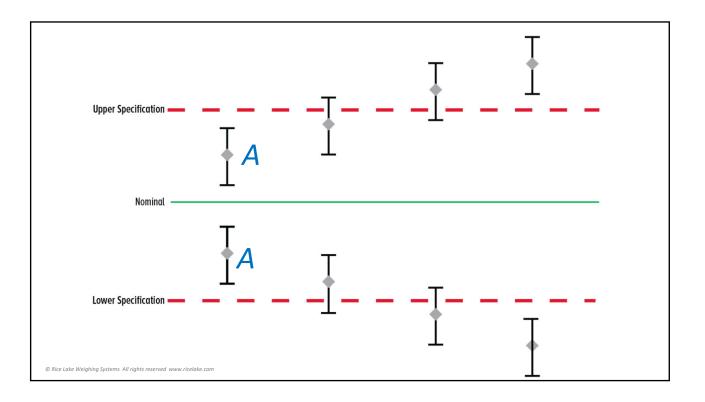






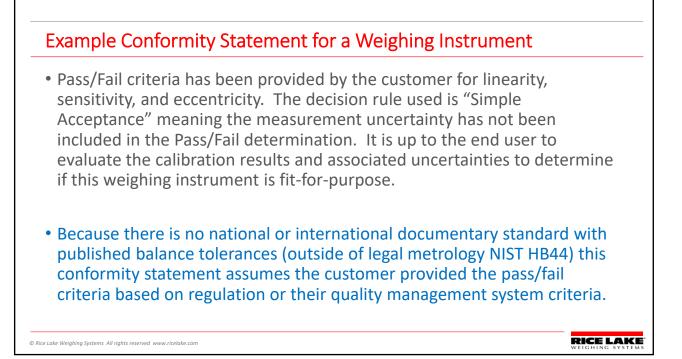






<section-header> Option: Do Not Report Statements of Conformity: a) The accredited laboratory does not provide statements of conformity as a matter of practice or regulation (most frequently seen in government metrology laboratories e.g., NIST Mass & Force calibrations, State Metrology Laboratories). b) There is no published specification with MPE (tolerances) AND the customer does not request user-specifications. Note 1: It is best practice to have a statement on your Calibration Report such as, "No statement of compliance to any specification is made or implied on the Calibration Report." Warning: If you calibration report states Pass/Fail or uses any other type of language or symbol to imply pass/fail, then you are making a conformity statement and must meet all the requirements of ISO/IEC 17025:2015 and ILAC G8.





Best Practices:

- 1. Communicate your decision rules with the customer. This can be done as a statement, note, or disclaimer on quotes, proposals, contracts, or other communications.
- 2. Remember, some calibration specifications have inherent decision rules (e.g., ASTM E617 for mass specifications and calibrations).
- 3. Evaluate all of the different types of calibrations performed by your laboratory and use the appropriate communications with the customer.

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Thank You!

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