



Course Catalog Number: Trm-1
Course Track: Risk Management
Course Topic: Decision Rules
Course Career Level: Intermediate

Saturday, August 24 | 8:00 AM - 5:00 PM | 1-Day (8 Hours)

Course Title: Decision Rules and Making Statements of Compliance with Confidence

Instructor: Jeff Gust, Fluke Calibration

Abstract: *ISO/IEC 17025:2017* requires that when a statement of compliance is made for a customer, that decision rule for making the statement is defined, communicated, and agreed with the customer. When selecting a decision rule, the level of risk should also be considered. This class introduces the attendee to decision rules, provides the underlying assumptions about risk, and discusses the pros and cons of many different decision rules such as guard banding and control of risk through Test Uncertainty Ratios (TURs).

Learning Objectives:

1. Understand what a decision rule is and why it is important in testing and calibration.
 2. Understand other important terms as they are defined by international standards.
 3. Be able to select appropriate decision rules and to understand/estimate the risk associated with the rule.
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Instructor Curriculum Vitae (CV):

Jeff Gust is the Chief Corporate Metrologist for Fluke Calibration. He is a past President of NCSL International and is currently a member of the NCSLI Board of Directors. Jeff is the NCSLI Representative to ILAC and was a member of ISO CASCO Working Group 44 for the revision of *ISO/IEC 17025*.