

1. SCOPE

The present document describes the use of decision rules for statement of conformity, and applies the guidance document ILAC-G8: 09/2019.

2. DEFINITIONS

Statement of conformity: a statement of conformity is an expression that clearly describes the state of compliance or non-compliance to a specification, standard or requirement.

Decision rule: rule that describes how measurement uncertainty is accounted for when stating conformity with a specified requirement

Uncertainty of measurement: parameter, associated with the result of a measurement, that characterizes the dispersion of the values that could reasonably be attributed to the measurand

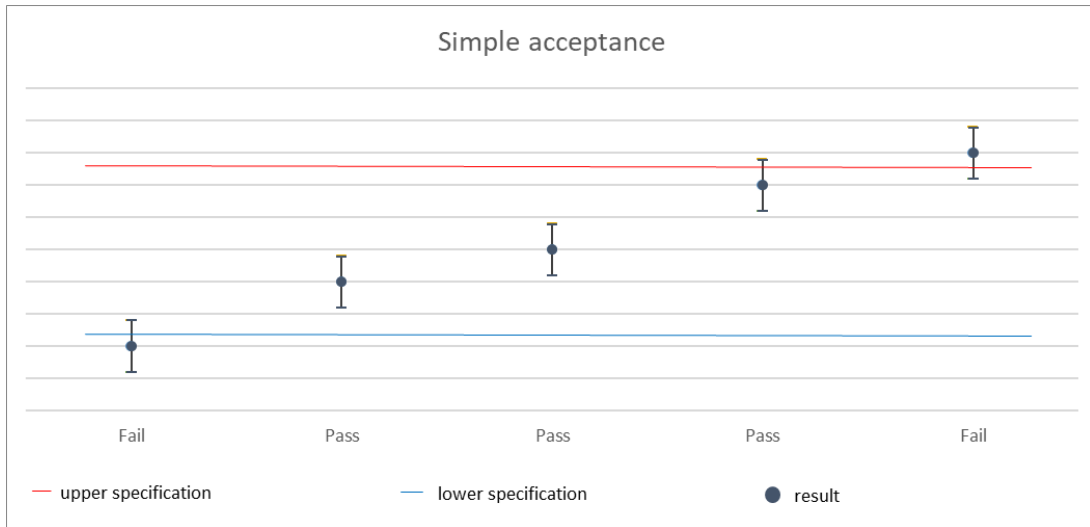
Guard band: interval between a tolerance limit and a corresponding acceptance limit. The use of guard bands can reduce the probability of making an incorrect conformance decision.

3. APPLICATION

In the case of regulations and standards that contain provisions on compliance with specifications or limit values that take into account measurement uncertainties, these provisions shall apply. Where the reference documents do not indicate the decision rules, the following standard decision rules are applied:

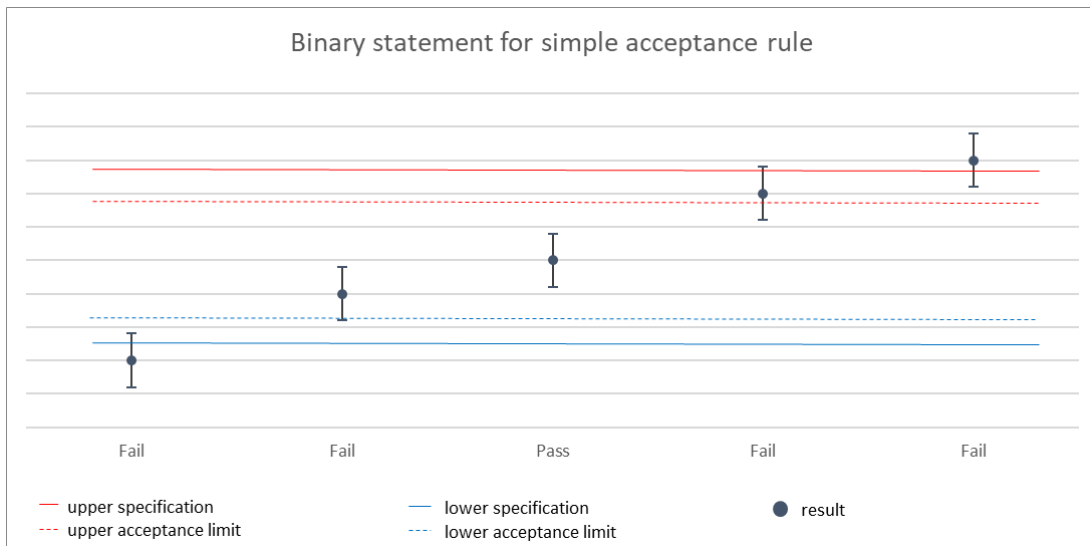
1) Binary Statement for Simple Acceptance Rule

The base for making the decision is the measured value without taking the guard band (introducing the lower and upper tolerance limits) and the measurement uncertainty into account. Binary statements of conformity are reported as: pass/ fail.



2) Binary Statement with Guard Band

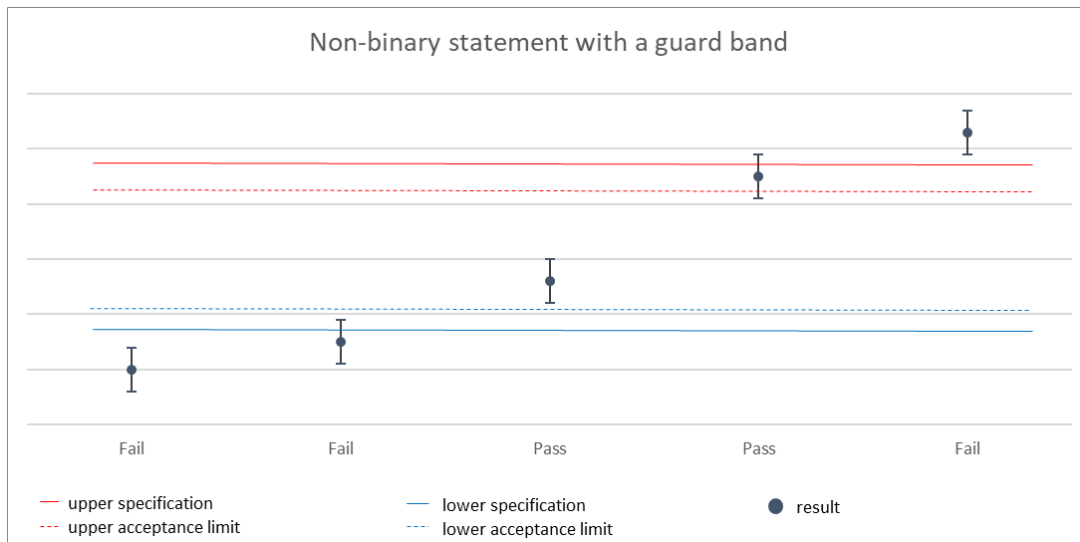
The base for making the decision is the measured value taking the guard band (introducing the lower and upper acceptance limits) and the measurement uncertainty into account. Binary statements of conformity are reported as: pass/ fail.



3) Non-binary Statement with Guard Band (conditional)

The base for making the decision is the measured value taking the guard band (introducing the lower and upper acceptance limits) and the measurement uncertainty into account. Non-binary statements of conformity are reported as: pass / conditional pass / conditional fail / fail.

Conditional assessments are in the conditional region of approval and/or rejection and a risk analysis study should be carried out to verify the best decision to make.



4. STATEMENT OF CONFORMITY

If nothing is required at the time of the customer's order, and the customer does not mention any decision rule to be used, inLAB will choose not to use uncertainty of measurement in the decision rule - binary statement for simple acceptance rule.

31.08.2021

Data



Quality Manager