

Decision rules for statements of conformity in test reports according to DIN EN ISO/IEC 17025

This document supplements the General Terms and Conditions of Business and/or the customer order.

According to DIN EN ISO/IEC 17025:2018, general requirements for the competence of testing and calibration laboratories, the decision rules applied when assessing the conformity of test results must be documented.

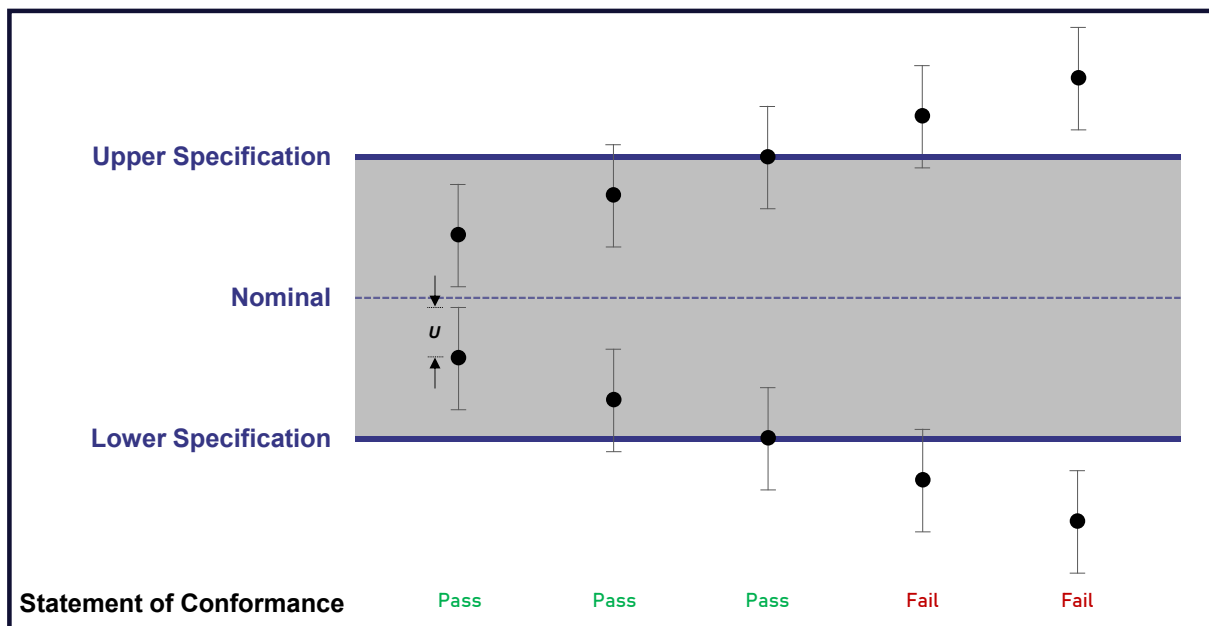
Decision rules are predefined procedures that describe how measurement uncertainty is considered when making statements of conformity to a specification or standard (e.g. pass/fail, in-tolerance/out-of-tolerance), in order to determine whether a test result conforms to the specified requirements.

Procedure:

If a customer requests a statement of conformity for tests accredited in accordance with DIN EN ISO/IEC 17025 with respect to a technical specification or standard, the conformity assessment shall be performed in accordance with the following provisions:

1. If a decision rule is specified in the applicable technical specification or standard for the requested test, that decision rule shall be deemed to have been agreed upon with the customer.
2. If the customer requires a different decision rule or has specific requirements regarding the test result, these requirements shall be communicated in writing as part of the request for testing.
3. If the applicable technical specification or standard does not specify a decision rule and the customer does not communicate any alternative requirements regarding the decision rule, the conformity assessment is carried out without taking measurement uncertainty into account (see figure below).

Representation of the conformity assessment using the decision rule described in Section 3 – binary statement (simple acceptance)



U = 95% expanded measurement uncertainty