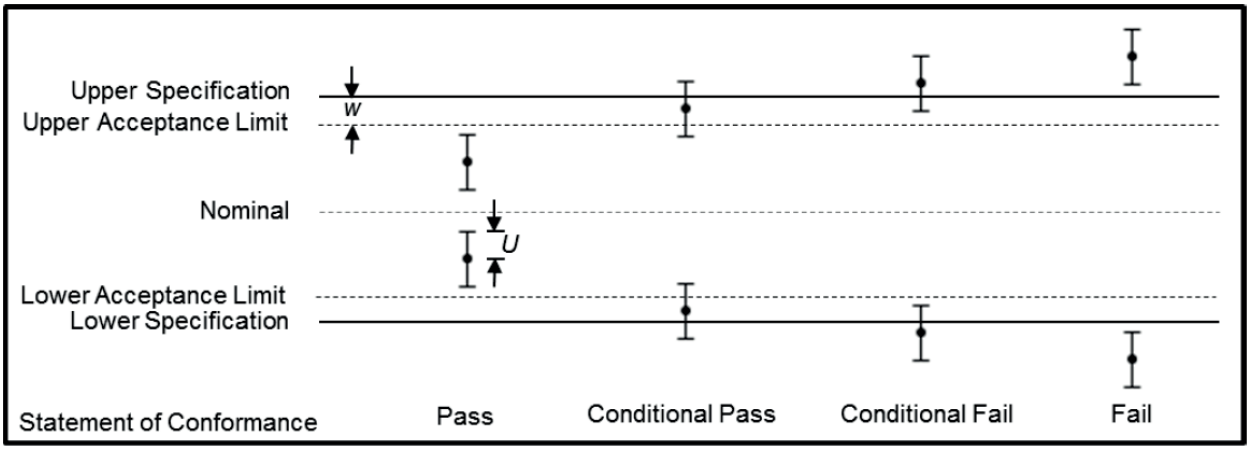
Declaration
ISO/IEC 17025:2017 Conformity Statement

We hereby declare that ISO/IEC 17025:2017 calibration certificates with conformity statement are in accordance with the ILAC-G8:09/2019 guidelines on Decision Rules and Statements of Conformity. Bronkhorst Calibration Centre uses the non-binary decision rule with guard band for acceptance and conformity statement, following paragraph 4.2.3 of the ILAC-G8:09/2019 guidelines, as stated in this declaration.

Non-binary decision rule for simple acceptance:
Result is based on the measured deviation and DUT accuracy specification, including the measurement uncertainty as guard band (Figure 1).



U = 95% expanded measurement uncertainty

Figure 1 Graphical representation of a non-binary statement (par. 4.2.3 of ILAC-G8:09/2019). With the 'Upper Specification' (US) and 'Lower Specification' (LS) representing the DUT accuracy specification and 'U' the measurement uncertainty.The guard band 'w' equals 'U'.

Conformity statement:

PASS : The deviation including calibration uncertainty complies with instrument specification.

FAIL : The deviation including calibration uncertainty does not comply with instrument specification.

#N/A ** : It is not possible to state compliance when the uncertainty is taken into account, although the deviation is within the rated accuracy (Conditional PASS).

#N/A *** : It is not possible to state non-compliance when the uncertainty is taken into account, although the deviation is not within the rated accuracy (Conditional FAIL).

Unless otherwise agreed:

PASS or N/A** = No further action.

FAIL or N/A*** = If requested; adjustment and new calibration.

Ruurlo, 08-Nov-2021 Tom Platenkamp / Calibration Officer Bronkhorst Calibration Centre