



### **Decision rules and Statement of Conformity**

Campbell Associates Limited use the following default decision rules in the determination of the statement of conformity for the appropriate calibration service provided. The suitability of the rule's use will be agreed with the customer at contract review. Full details of our measurement uncertainties are available on our Schedule of Accreditation at the following web address:- <https://www.ukas.com/search-accredited-organisations/>

#### **Sound level Meters to BS 7580**

A PASS or PASSED statement indicates that the instrument conforms with the relevant accuracy requirements of the testing standard AND the expanded measurement uncertainty (k = 2 for approximately 95 % coverage probability) is no greater in magnitude than the accuracy requirements defined in BS-7580 Part 1:1997 standard.

#### **Sound Level Meters Manufactured to IEC 61672-1:2003**

The decision rules will be applied in accordance with the procedure as described in BS EN 61672-3:2006.

#### **Sound Level Meters Manufactured to IEC 61672-1:2013**

The decision rules will be applied in accordance with the procedure as described in BS EN 61672-3:2013.

#### **Frequency Filters to IEC 61260:1996**

A PASS or PASSED statement indicates that the instrument conforms with the relevant accuracy requirements of the testing standard AND the expanded measurement uncertainty (k = 2 for approximately 95 % coverage probability) is no greater in magnitude than the accuracy requirements defined in BS EN IEC 61260:1996 standard.

#### **Sound Calibrator to BS-EN-60942:2003**

The decision rules will be applied in accordance with the procedure as described in BS EN 60942:2003.

#### **Sound Calibrator to BS-EN-60942:2017**

The decision rules will be applied in accordance with the procedure as described in BS EN 60942:2017.

#### **Tapping Machine**

A PASS or PASSED statement indicates that the instrument conforms with the relevant accuracy requirements of the testing standard AND the expanded measurement uncertainty (k = 2 for approximately 95 % coverage probability) is no greater in magnitude than the accuracy requirements defined in BS- EN ISO 16283-2:2015, 140-6/7:1998 standards and UKAS publication LAB23.

#### **Portable Vibration Field Calibrators**

The decision rule is based on the permitted tolerance requirements as defined in BS EN ISO 8041:2005 standard less the laboratories measurement uncertainty (k = 2 for approximately 95 % coverage probability) for the parameter reported.