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Decision Rule – BS EN ISO/IEC 17025:2017

Following the publishing of the latest version of BS EN ISO/IEC 17025, a new requirement for a ‘Decision Rule’ – Definition: ‘Rule that describes how measurement uncertainty is accounted for when stating conformity with a specified requirement’, has been created. This has been included in section 7.1 (Review of requests, tenders and contract) and 7.8.6 (Reporting statements of conformity). Advanced Calibration Services (ACS) part of Advanced Metallurgical Services Limited (AMS) will continue to use ILAC G-8 guidelines for acceptance of test results as summarised below, unless other methods are agreed with the customer. In all decision rules below, the reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor $k=2$, providing a level of confidence of approx. 95%. The uncertainty evaluation has been carried out in accordance with UKAS requirements.

STATEMENT OF CONFORMITY

User defined Decision rules apply to UKAS calibrations only. Conformance of standard calibrations will be assessed using the following rule unless otherwise agreed.

The Laboratory’s **decision rule** is “acceptance limit equals specification limit” as recommended in the section of the specified international standard. The performance of the machine will be compared against the tolerances stated in the standard; if there is no international standard then only the results with a Pass/Fail (meets the tolerance or not) will be given.

Note – It is the customer’s responsibility to ensure that the decision rule is appropriate for their requirements

Note – Receipt of a purchase order referencing ACS quotation will be regarded as your instruction to apply the decision rule indicated for each line item and to all future calibrations unless otherwise notified.

Please read through the document.

This will not affect the service you receive from us, but is designed to make you aware of the risks of a False Accept or Reject statement on calibration certificates we send to you, due to uncertainty of measurements in the values we report.

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