

TECHNICAL REPORT

Aspects and understanding of measurement uncertainty – Background information on measurement uncertainty based on the example of IEC TC 85 (Measuring equipment for electrical and electromagnetic quantities)

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

ASPECTS AND UNDERSTANDING OF MEASUREMENT UNCERTAINTY –**Background information on measurement uncertainty based on the example of IEC TC 85 (Measuring equipment for electrical and electromagnetic quantities)**

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- revised.

ASPECTS AND UNDERSTANDING OF MEASUREMENT UNCERTAINTY –

Background information on measurement uncertainty based on the example of IEC TC 85 (Measuring equipment for electrical and electromagnetic quantities)

1 Scope

This document provides information on terminology and general concepts in the determination of measurement uncertainties (MU). It focuses on application aspects based on the example of IEC TC 85 (Measuring equipment for electrical and electromagnetic quantities) and shows the opportunities and implications for further use of measurement uncertainties.

Measurement uncertainties are relevant for metrological compatibility and metrological traceability. Therefore, information on the role of measurement uncertainty in decisions or conformity assessments is given.

References to documents, standards and guidelines are made but only key results will be stated.

2 Normative references

There are no normative references in this document.