

This translation has been made based on the original collections of the interpretation by JISCBA

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## **[Common 10] Handling of Uncertainties**

This interpretation applies to the test results obtained at accredited certification body's laboratories, accredited certification body's commissioned laboratories, and to the test results obtained at factories, etc. by witnessing.

### **(1) When the relevant JIS standard specifies the calculation of uncertainty and application to test results**

Following shall be conducted.

- 1) Accredited certification body evaluates the estimation of uncertainty based on uncertainty estimation procedures or submitted data from laboratories, factory etc.

In case the estimate result is found appropriate, apply uncertainty to judgment of accepting or rejecting the test results.

- 2) In judging the validation of the estimate result on uncertainty from laboratories, factories etc., refer to examples of uncertainty calculations and interpretations by GUM, ILAC, APLAC, NITE etc.
- 3) The judgment method is based on the specification of the relevant JIS. For interpreting the expression of judgments, refer to JIS B 0641-1 [Geometrical product specifications (GPS) -- Inspection by measurement of workpieces and measuring equipment -- Part 1: Decision rules for proving conformance or nonconformance with specifications (equivalent to ISO 14253-1)].

### **(2) In case the relevant JIS does not specify the calculation of uncertainty and application to test results**

Do not apply uncertainty to judgment of accepting or rejecting test results.

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