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JJF 1796-2020

Calibration Specification for Retroreflective Standards

逆反射标准器校准规范

(English Translation)

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Introduction

This specification is based on JJF 1071-2010 "Rules for the Compilation of National Metrology and Calibration Specifications", JJF 1059.1-2012 "Evaluation and Expression of Measurement Uncertainty" will be formulated.

This specification is released for the first time.

Calibration specification for retroreflective standards

1 Scope

This specification applies to the calibration of retroreflective standards.

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2 Reference documents this specification refers to the following documents.

JJF 1059.1 Evaluation and expression of measurement uncertainty GB/T 18833 Road traffic reflective film GB/T 24717 Road pre-formed marking tape GB/T 24725 Protruding road signs GB/T 26377 Retroreflective measuring instrument JT/T 688-2007 Retroreflective terminology for dated reference documents, only the dated version applies to this specification; for undated reference documents, the latest version (including all amendments) is applicable to this specification.

3 term

The following terms and definitions defined in JT/T 688-2007 apply to this specification.

3.1 Retroreflectivestandard Certified reference material used to calibrate retroreflective measuring instruments.

3.2 datummark

Use the arrow to mark on the back of the retroreflective standard or an appropriate position to indicate the direction of sample placement during calibration.

The arrow direction is 0° reference direction (referred to as "reference direction"), which can be changed by rotating the corresponding angle counterclockwise during calibration.

Change the reference direction.

3.3 retroreflection

Reflected light is a kind of reflection that returns from the opposite direction close to the incident light.

[JT/T 688-2007,2.1]

3.4 entrance angle

The angle between the illumination axis and the reference axis is represented by beta.

Note: The incident angle beta is decomposed into two components beta1 and beta2 in the goniometer system, usually not greater than 90°.

[JT/T 688-2007,2.21]

3.5 Observation Angle the angle between the illumination axis and the observation axis is represented by alpha.

Note: The observation angle is not a negative value, usually less than 2°.

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