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NATIONAL METROLOGY TECHNICAL SPECIFICATION OF THE

PEOPLE'S REPUBLIC OF CHINA

JJF 1377-2012

Calibration Specification for Wheel Alignment Testers of Level Type

水准式车轮定位测量仪校准规范

(English Translation)

Issued on: December 12, 2012 **Implemented on: March 12, 2013**

Issued by: General Administration of Quality Supervision, Inspection and Quarantine

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Introduction

In the present specification JJF 1071-2010 "National Calibration Specifications writing rules", JJF 1001-2011 "Universal Measurement terms and definitions ", JJF 1059-1999" Evaluation and Expression of Uncertainty in Measurement "as the basic norms into series Row developed.

The main reference specification GB/T 3730.3-1992 "motor vehicles and trailers of terms and their definitions vehicle size" JJG (car) 03-1995 "standard wheel locator (provisional)", "automobile test" (Shanghai science and technology Surgery Literature Publishing House) compiled.

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The specification for the first time to develop.

Leveling type wheel alignment gauge calibration specification

1 Scope

This specification applies to the standard-type wheel alignment measuring instrument (hereinafter referred to as wheel alignment instrument) calibration.

2. References

GB/T 3730.3-1992 vehicles and trailers of terms and their definitions vehicle size for dated references, only the dated edition applies to this specification; undated reference documents Member, the latest edition (including amendments) apply to this specification.

3 terminology and units of measurement GB/T 3730.3-1992 defined and the following terms and definitions apply to this specification.

3.1 vehicle support plane supportingplaneofvehicle [GB/T 3730.3-1992,2.1] when the parameters used to measure the size of the vehicle, the supporting wheels flat, solid level. Acronym X plane.

3.2 vehicle longitudinal plane of symmetry longitudinalplaneofsymmetryofvehicle [GB/T 3730.3-1992,2.4] Vertical line bisecting plane AB. Points A and B at both ends of the shaft through the wheel axis of the same plane X Vertical plane through the line of intersection with the wheel center plane delta and X plane intersection (see Figure 1). Acronym Y plane.

Figure 1 vehicle longitudinal plane of symmetry

3.3 camber camberangle [GB/T 3730.3-1992,3.25] in over the wheel axis X and perpendicular to the plane of the plane, and the horizontal axis between the wheel sandwiched acute angle. Figure 2 as shown by the symbol alpha expressed in degrees (°).

Figure 2 camber

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