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JJF 1775-2019

Program of Pattern Evaluation of Lidar Speed-Measuring Device

机动车激光测速仪型式评价大纲

(English Translation)

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Appendix A Type Evaluation Record Format (21)

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Introduction

This syllabus is based on JJF 1016 "Guidelines for the Compilation of Measurement Apparatus Type Evaluation Outline", JJF 1015 "Measurement Apparatus Type General Specification for Evaluation, JJF 1001 General Measurement Terms and Definitions and JJF 1059.1 Evaluation of Uncertainty in Measurement "And Representation" is compiled as a basic specification.

This outline is issued for the first time.

Motor Vehicle Laser Speedometer Type Evaluation Outline

1 Scope

This syllabus is applicable to motor vehicle laser speedometers that use the principle of pulsed laser speed measurement, including automatic monitoring of motor vehicle speeding.

Type evaluation of laser speed measurement unit (hereinafter referred to as laser speed measurement unit) of the measurement system.

2 Reference documents this outline refers to the following documents.

JJG1074-2012 Motor Vehicle Laser Speedometer GB/T 2423.1-2008 Environmental testing of electric and electronic products Part 2: Test method Test A. Low temperature GB/T 2423.2-2008 Environmental testing of electric and electronic products Part 2: Test method Test B. High temperature GB/T 2423.4-2008 Environmental testing of electrical and electronic products Part 2: Test method Test Db. Alternating damp heat (12h 12h cycle) GB/T 2423.5-1995 Environmental testing of electric and electronic products Part 2: Test method Test Ea and guideline. Impact GB/T 2423.10-2008 Environmental testing of electric and electronic products Part 2: Test method Test Fc. Vibration (sinusoidal) GB/T 2423.37-2006 Environmental testing of electric and electronic products Part 2: Test method Test L. Sand dust test GB/T 2423.38-2008 Environmental testing of electrical and electronic products Part 2: Test methods Test R. Water test methods and guidelines GB 7247.1-2001 Safety of Laser Products Part 1: Equipment Classification, Requirements and User Guide GB/T 17626.2-2006 Electromagnetic compatibility test and measurement technology Electrostatic discharge immunity test GB/T 17626.3-2006 Electromagnetic compatibility test and measurement technology Radio frequency electromagnetic field radiation immunity test GB/T 17626.4-2008 Electromagnetic compatibility test and measurement technology Electrical fast transient pulse group immunity test GB/T 17626.5-2008 Electromagnetic compatibility test and measurement technology surge (impact) immunity test GB/T 17626.6-2008 Electromagnetic compatibility test and measurement technology Radio frequency field induced conducted disturbance immunity GB/T 17626.11-2008 Electromagnetic compatibility test and measurement technology Voltage sag, short-term interruption and voltage change immunity test GB/T 21255-2007 Motor Vehicle

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Speedometer General technical requirements for laser speedometers for motor vehicles

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