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NATIONAL METROLOGY TECHNICAL SPECIFICATION OF THE PEOPLE'S REPUBLIC OF CHINA

JJF 1788-2019

Program of Pattern Evaluation of Earth Resistance Meters

接地电阻表型式评价大纲

(English Translation)

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11 Table of measuring instruments and equipment used in the test project (21)

Appendix A Type Evaluation Record Format (23)

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Introduction

This outline is based on JJF 1016-2014 "Guidelines for the Compilation of Outlines for Measuring Apparatus Type Evaluation", JJF 1015-2014 Compilation of the "General Specification for Type Evaluation of Measuring Instruments".

This outline is published for the first time.

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Outline of Type Evaluation of Grounding Resistance Meter

1 Scope

This outline is applicable to hand-held grounding resistance meters and electric instruments for general measurement of measuring instruments with classification code 15060500 Type evaluation of sub-type grounding resistance meter.

2 Reference documents the outline cited the following documents.

JJG366 Ground Resistance Meter GB/T 191 Graphic mark for packaging, storage and transportation GB/T 2423.1 Environmental testing for electrical and electronic products Part 2: Test methods Test A. Low temperature GB/T 2423.2 Environmental Test for Electrical and Electronic Products Part 2: Test Method Test B. High Temperature GB/T 2423.3 Environmental Test Part 2: Test Method Test Cab. Constant Damp Heat Test GB/T 2423.5 Environmental Test Part 2: Test Method Test Ea and Guidelines. Impact GB/T 2423.7 Environmental Test Part 2: Test Method Test Ec. Impact Caused by Coarse Operation (Mainly used for equipment type samples) GB/T 2423.10 Environmental Test Part 2: Test Method Test Fc. Vibration (Sinusoidal) GB/T 4798.3 Environmental conditions for the application of electrical and electronic products. Part 3: Fixed use in places with climate protection GB/T 4798.7 Environmental conditions for the application of electrical and electronic products. Part 7: Portable and non-stationary use GB/T 6113.101 Specification for radio disturbance and immunity measuring equipment and methods Part 1-1.None Line electrical disturbance and immunity measuring equipment GB/T 6587-2012 General specification for electronic measuring instruments GB/T 7676.1-2017 Direct acting analog indicating electrical measuring instruments and their accessories Part 1: Definitions and common enquiries GB/T 17626.2 Electromagnetic compatibility test and measurement technology Electrostatic discharge immunity test GB/T 17626.3 Electromagnetic compatibility test and measurement technology RF electromagnetic field radiation immunity test GB/T 18268.1 Electromagnetic compatibility requirements for electrical equipment for measurement, control and laboratory use. Part 1.

common enquiries

GB/T 18268.22 Requirements for electromagnetic compatibility of electrical equipment for measurement, control and laboratory use Part 22.

Particular requirements for test configuration, working conditions and performance of portable test, measurement and monitoring equipment for low-voltage distribution systems Criterion DL/T 845.2 General technical requirements for resistance measuring devices Part 2: Power frequency grounding resistance tester for dated reference documents, only the dated version applies to this specification; for those without date references the latest version (including all amendments) is applicable to this specification.

3 Terms and definitions the following terms and definitions defined in the documents cited in

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