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Program of Pattern Evaluation of Instrument Transformers--Part 4: Current Transformers

测量用互感器型式评价大纲 第4部分：电流互感器

(English Translation)

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11 Table of measuring instruments and equipment used in the test project (40)

Appendix A Type Evaluation Record Format (42)

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Appendix C Format of "Description" for Type Evaluation and Preservation Prototype (50)

Introduction

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

This outline is published for the first time.

Outline of type evaluation for measuring transformer Part 4: Current transformer

1 Scope

This outline is applicable to the type evaluation of current transformers for measurement

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with classification code 15280500.

This outline is applicable to electromagnetic measurement of power supply gas, frequency of 50Hz, rated secondary current of 5A or 1A electromagnetic Type current transformer.

2 Reference documents the outline cited the following documents.

JJG313 measuring current transformer GB/T 156 standard voltage GB/T 311.1 Insulation coordination Part 1: Definitions, principles and rules GB/T 2423.23 Environmental Test Part 2: Test Method Test Q. Seal GB/T 3954 Electrician round aluminum rod GB/T 4208 enclosure protection level (IP code) GB/T 4756 Manual sampling method of petroleum liquid GB/T 5585.1 Copper, aluminum and its alloy busbars for electrical purposes Part 1: Copper and copper alloy busbars GB/T 5832.2 Determination of trace moisture in gas analysis Part 1: Dew point method GB/T 7354 Partial discharge measurement of high voltage test technology GB/T 7674 Gas insulated metal enclosed switchgear with rated voltage of 72.5kV and above GB/T 8905 Guidelines for gas management and detection in SF6 electrical equipment GB/T 11604 High-voltage electrical equipment radio interference test method GB/T 16927.1 High voltage test technology Part 1: General definition and test requirements GB/T 16927.2 High voltage test technology Part 2: Measurement system GB/T.20138 Protection level of electrical equipment shell against external mechanical collision (IK code) GB/T 20840.1-2010 Transformers Part 1: General technical requirements GB/T 20840.2-2014 Transformers Part 2: Supplementary technical requirements for current transformers IEC 60376 Sulfur hexafluoride (SF6) technical grade specification for electrical equipment DL/T 506 Insulation gas humidity measurement method in sulfur hexafluoride electrical equipment for dated reference documents, only the dated version applies to this outline; for those without date references the latest version (including all amendments) is applicable to this outline.

3 Terminology

The terms used in the documents cited in this outline and the following terms apply to this outline.

3.1 routine test

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