



校准证书

CALIBRATION CERTIFICATE

证书编号 DCH202030240
Certificate No.

第 1 页, 共 3 页
Page of

委托方 _____
Client

委托方联络信息 _____
Contact Information

计量器具名称 无线高低压变比测试仪
Description

型号/规格 ETCR9550B
Model/Type

制造厂 广州市铨泰电子科技有限公司
Manufacturer

出厂编号 95690004 设备管理编号 _____
Serial No. Equipment No.

接收日期 2020 年 05 月 26 日
Date of Receipt Y M D

结果 见校准结果
Results Shown in the results of calibration

校准日期 2020 年 05 月 28 日
Date of Calibration Y M D

批准人 张剑 张剑
Approved Signatory

核 验 江鹏 江鹏
Reviewed by

校 准 谢文 谢文
Calibrated by

证书专用章
Stamp



扫一扫查真伪

本中心地址: 中国广州市广园中路松柏东街30号 邮政编码: 510405
电话: (8620)86594172 传真: (8620)86590743 投诉电话: (8620)36611242 E-mail: scm@scm.com.cn

Add: No.30, Songbai East Street, Guangyuan Middle Road, Guangzhou, Guangdong, China
Post Code: 510405 Tel: (8620)86594172 Fax: (8620)86590743 Complaint Tel: (8620)36611242

证书真伪查询: www.scm.com.cn; www.mtsp.com Certificate Authenticity Identify: www.scm.com.cn; www.mtsp.com



说 明

证书编号 DCH202030240
Certificate No.

DIRECTIONS

第 2 页, 共 3 页
Page of

1. 本中心是国家市场监督管理总局在华南地区设立的国家法定计量检定机构, 本中心的质量管理体系符合 ISO/IEC 17025:2017 标准的要求。

This laboratory is the National Legal Metrological Verification Institution in southern China set up by the State Administration for Market Regulation. The quality system is in accordance with ISO/IEC 17025:2017.

2. 本中心所出具的数据均可溯源至国家计量基准和国际单位制(SI)。

All data issued by this laboratory are traceable to national primary standards and International System of Units (SI).

3. 校准地点、环境条件:

Place and environmental conditions of the calibration:

地点 本院电磁实验室

Place (Electrics-magnetics Lab)

温度 (20±2) °C

Temperature

相对湿度 (50~60) %

R.H.

4. 本次校准的技术依据:

Reference documents for the calibration:

JJG 313-2010 测量用电流互感器检定规程 V, R. of Instrument Current Transformers

JJF1075-2015 钳形电流表校准规范 C. S. for Clamp Ammeters1

5. 本次校准所使用的主要计量标准器具:

Major standards of measurement used in the calibration:

| 设备名称/型号规格 Name of Equipment /Model/Type | 编号 Serial No. | 证书号/有效期/溯源单位 Certificate No./Due Date /Traceability to | 计量特性 Metrological Characteristic |
|---|------------------|--|---|
| 带升流器标准电流互感器 Current Transformer with Current Genera /HLS5-3S | 101126 | DCH201943717 /2021-06-04 /本中心 | 0.01S 级 Garde 0.01S |
| 数字多用表 Digital Multimeter /34401A | US36073133 | DBB201906674 /2020-08-08 /本中心 | ACV: ±(0.06%rdg+0.03%fs); A CA: ±(0.1%rdg+0.04%fs) |

注: 1. 本证书校准结果只与受校准仪器有关。 The results relate only to the items calibrated.

Note: 2. 未经本机构书面批准, 不得部分复制此证书。 This certificate shall not be reproduced except in full, without the written approval of our laboratory.

3. “委托方”、“委托方联络信息”由委托方提供, “制造厂”、“型号规格”、“出厂编号”以及“设备编号”为仪器上标注。 The information Client and Contact Information are provided by client, and the Manufacturer, Model/Type, Serial No. and Equipment No. are marked on the items.

4. 本次校准日期视为发布日期。 The calibration date is the date of issue of the certificate.



校准结果

RESULTS OF CALIBRATION

证书编号 DCH202030240
Certificate No.

原始记录号 020203240
Record No.

第 3 页, 共 3 页
Page of

一、外观 (Apparent inspection): 符合要求 (Pass)

二、钳表1 一次电流示值校准(Primary Current): 见表1(shown in table 1)

表 1(table 1)

| 示值 Indication (A) | 实测值 Reference Val. (A) | 相对误差 Relative Error (%) |
|-------------------------|------------------------------|-------------------------------|
| 102.8 | 102.6 | + 0.2 |
| 196 | 197.8 | - 0.9 |
| 306 | 308.9 | - 0.9 |
| 410 | 411.8 | - 0.4 |
| 507 | 509.0 | - 0.4 |
| 1007 | 1016 | - 0.9 |
| 1818 | 1840 | - 1.2 |
| 2720 | 2769 | - 1.8 |

三、钳表2 二次电流示值校准(Secondary Current): 见表2(shown in table 2)

表 2(table 2)

| 示值 Indication (A) | 实测值 Reference Val. (A) | 相对误差 Relative Error (%) |
|-------------------------|------------------------------|-------------------------------|
| 0.99 | 1.025 | - 3.41 |
| 1.93 | 1.978 | - 2.43 |
| 3.05 | 3.081 | - 1.01 |
| 4.11 | 4.118 | - 0.19 |
| 5.11 | 5.090 | + 0.39 |

说明(Note):

1. 测量结果的扩展不确定度(The Relative Expanded Uncertainty of Measurement):

一次电流(Current) $U_{rel}=0.2\%$ 包含因子(Coverage Factor) $k=2$

二次电流(Current) $U_{rel}=0.18\%$ 包含因子(Coverage Factor) $k=2$

本证书中给出的扩展不确定度依据 JJF1059.1-2012《测量不确定度评定与表示》评定, 由合成标准不确定度乘以包含概率约为95%时对应的包含因子 k 得到。

The expanded uncertainty given in this certificate is evaluated according to JJF 1059.1-2012 "Evaluation and Expression of Uncertainty in Measurement", which is obtained by multiplying the combined standard uncertainty by the coverage factor k corresponding to the coverage probability of about 95%.

2. 按照所依据技术文件的规定, 建议复校时间间隔不超过1年。

According to the demand of reference document, next calibration is proposed within 1 year.