

校准证书

CALIBRATION CERTIFICATE

证书编号: [2019DW03571005]
Certificate No.

| | |
|------------------------|---------------|
| 委托方名称 Customer | 中车大连机车车辆有限公司 |
| 委托方地址 Address | 大连市沙河口区中长街51号 |
| 样品名称 Name Of Sample | 指针式绝缘电阻表 |
| 制造厂商 Manufacturer | 武汉华意电力科技有限公司 |
| 型号规格 Model/Type | BC2533 |
| 器具编号 No Of Sample | 19150003 |

证书专用章
Stamp

湖北省计量测试技术研究院
证书骑缝章



校准日期
Calibration date

(1) 2019 年 09 月 08 日
Y M D

证书批准人
Approved by

核验员
Checked by

校准员
Calibrated by

本次校准所使用的测量装置均溯源至保存在中国计量科学研究院的国家计量基准。中国计量科学研究院于1999年代表中国签署了国际间“国家计量基准及国家计量研究院出具的校准和测量证书相互承认协议”。

The measuring equipment used in the calibration is traceable to national primary standards maintained in National Institute of Metrology (NIM). NIM is the signatory to the Mutual Recognition Arrangement (MRA) for national measurement standards and for calibration and measurement certificates issued by national metrology institutes.



- 本院是政府计量行政管理部门依法设立的法定计量检定机构

This laboratory is a legal metrological verification institution established by the government metrological administrative department according to law.

- 本院质量管理体系符合ISO/IEC17025标准的要求。

The quality management system for laboratory complies with ISO/IEC 17025 standards.

- 本次校准的技术依据 (名称、代号)

Reference documents for the Calibration (Name、Code)

参照: JJG1005—2005 电子式绝缘电阻表检定规程 Verification Regulation of Electronic
Insulating Resistance Meters

- 本次校准所使用的主要计量标准器具

Main standards of measurement used in the Calibration

| 设备名称 Name of Equipment | 型号/编号 Model/Serial No. | 证书号/有效期 Certificate No./Due Date |
|---------------------------|---------------------------|-------------------------------------|
| 绝缘电阻表检定装置 | GZX92E/88843 | 2019DW02250391/2020-09-11 |

- 校准环境条件

Environmental condition on the Calibration

温度: 24.1°C

相对湿度: 59 %

其它: ——

Temperature

R.H.

Others

气压: ——

地点: 本院光谷基地B211

原始记录编号: 2019DW03571005

Pressure

Place

Record No.

本校准结论, 仅对受校样品的本次校准有效。

It's Effect That Results of This Report Relate Only To The Sample(s) Calibrated.
未经本院许可, 不得部分复制本证书。

校准数据/结果

Data/Results of Calibration

| 量程 (V) | | 500 | 量程 (V) | | 1000 |
|--|----------|-----------------|--|----------|-----------------|
| 输出电压实际值 (V) | | 498 | 输出电压实际值 (V) | | 998 |
| 测量不确定度: $U_{rel}=1.4 \times 10^{-2}$ $k=2$ | | | 测量不确定度: $U_{rel}=1.4 \times 10^{-2}$ $k=2$ | | |
| 指示值 | 标准值 (MΩ) | U_{rel} (k=2) | 指示值 | 标准值 (MΩ) | U_{rel} (k=2) |
| 5 MΩ | 5.050 | 0.8% | 10 MΩ | 11.00 | 0.8% |
| 10 MΩ | 10.30 | | 20 MΩ | 22.00 | |
| 20 MΩ | 20.00 | | 40 MΩ | 41.00 | |
| 50 MΩ | 50.00 | 1.2% | 100 MΩ | 100.0 | 1.2% |
| 100 MΩ | 100.0 | | 200 MΩ | 200.0 | |
| 200 MΩ | 200.0 | | 400 MΩ | 400.0 | |
| 500 MΩ | 480.0 | 2.2% | 1 GΩ | 1000 | 2.2% |
| 1 GΩ | 1000 | | 2 GΩ | 2000 | |
| 2 GΩ | 2000 | | 4 GΩ | 4020 | |
| 5 GΩ | 5040 | 6.2% | 10 GΩ | 10100 | 6.2% |
| 10 GΩ | 10100 | | 20 GΩ | 20500 | |
| 20 GΩ | 20500 | | 40 GΩ | 41000 | |
| 量程 (V) | | | | 2500 | |
| 输出电压实际值 (V) | | | | 2497 | |
| 测量不确定度: $U_{rel}=1.4 \times 10^{-2}$ $k=2$ | | | | | |
| 指示值 | | 标准值 (MΩ) | U_{rel} (k=2) | | |
| 50 MΩ | | 51.00 | 0.8% | | |
| 100 MΩ | | 101.0 | 1.2% | | |
| 200 MΩ | | 200.0 | | | |
| 500 MΩ | | 500.0 | | | |
| 1000 MΩ | | 1000 | 2.2% | | |
| 2000 MΩ | | 1950 | | | |
| 5 GΩ | | 5000 | | | |
| 10 GΩ | | 9800 | 6.2% | | |
| 20 GΩ | | 20600 | | | |
| 50 GΩ | | 53000 | | | |

以下空白

