

天 津 市 电 工 技 术 科 学 研 究 院

Tianjin Electrical Engineering Technology Research Institute

**校 准 证 书  
Certificate of Calibration**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | 证书编号： | | | | ${meterReportNum} | | | | | | | 号 | |  |
| certificate No. | | | |
| 送 检 单 位：  Applicant | | ${proxyCompany} | | | | | | | | | | | | | |
| 计 量 器 具 名 称：  Name of Instrument | | ${meterName} | | | | | | | | | | | | | |
| 型 号 / 规 格：  Type / Specification | | ${meterModel} | | | | | | | | | | | | | |
| 出 厂 编 号：  Serial No. | | ${meterChuchangNum} | | | | | | | | | | | | | |
| 制 造 单 位：  Manufacturer | | ${madeCompany} | | | | | | | | | | | | | |
| 校 准 依 据：  Calibration Regulation | | ${meterJcyj} | | | | | | | | | | | | | |
| （校准专用章）  Stamp | | | | | | | | | | 批准人：  Approved by | | | | | ${pzUser} |
| 核验员：  Inspected by | | | | | ${jhUser} |
| 校准人：  Calibrated by | | | | | ${syUser} |
|  | | | | | | | | | | | | | | | |
|  | 校准日期 | | ${yx} | | 年 | | ${mx} | | 月 | | ${dx} | | | 日 |  |
|  | Calibration data | | | Year | | | | Month | | | Day | | | |  |
| 国家认可委员会认可证书号：CNASL0408  Certificate Approved by CANS：CNASL0408  地 址：天津市河北区南口路40号  Address：No40 Nankou Road Hebei District Tianjin China | | | | | | | | | | | | 电话(Tel)：022-86562769  传真(Fax)：022-26340928  邮编(Post)：300232  电子邮箱(Email)：tj2769@sina.com | | | |

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| 天 津 市 电 工 技 术 科 学 研 究 院 Tianjin Electrical Engineering Technology Research Institute | | | | | | | | | | | | | | | | | | | |
|  | | 证书编号： | | | | | ${meterReportNum} | | | |  |  | | 第 1 页 | | | 共 2 页 | | |
|  | | certificate No. | | | | |  |  | | page 1 of 2 | | | | | |
| 天津市电工技术科学研究院是通过中国合格评定国家认可委员会（CNAS）认可的实验室。 Tianjin Electrical Engineering Technology Research Institute is accredited by CNAS. | | | | | | | | | | | | | | | | | | | |
| 中国合格评定国家认可委员会认可证书：No.CNAS L0408 Certificate Approved by CANS: No.CNAS L0408 | | | | | | | | | | | | | | | | | | | |
| 校准依据的技术文件（代号、名称） Reference Documents for the Calibration(Code Name) | | | | | | | | | | | | | | | | | | | |
| JJG795-2016《耐电压测试仪》 | | | | | | | | | | | | | | | | | | | |
| 本次校准所用的主要计量标准器具 Measuring Instrument Used in the Calibration | | | | | | | | | | | | | | | | | | | |
| 标准名称 Name | | | | 型号/规格 Model/Type | | 不确定度/准确度 /最大允许误差 Uncertainty/Accuracy/MPE | | | | 证书编号 certificate No. | | | | | | 证书有效期至 Valid date | | | |
| 可程控多 功能标准源 | | | | YS87B | | ±0.05% | | | | DXJZsb1801236 | | | | | | 2019.07.23 | | | |
| 数字多用表 | | | | HG1966A | | DC ±0.02% AC ±0.05% | | | | ZDXsb18013100 | | | | | | 2019.11.13 | | | |
| 溯源性说明 Traceability | | | | 本次测量所使用的计量标准的量值可以溯源到天津市计量监督检测科学研究院 | | | | | | | | | | | | | | | |
|
| 校准地点及环境条件 Location and Environment for Calibration | | | | | | | | | | | | | | | | | | | |
| 地点： Location | | | | | 天津市电工技术科学研究院计量室 | | | | | | | | | | | | | | |
| 温度： Temperature | | | | | 20 ℃ | | | | 相对湿度： Humidity | | | | | | 40% | | | | |
| 注： | | 1、本证书校准结果仅对所校准样品有效。 | | | | | | | | | | | | | | | | | |
|  | | The calibration result is related only to the calibrated measuring instrument. | | | | | | | | | | | | | | | | | |
|  | | 2、本证书未加盖校准专用章无效。 | | | | | | | | | | | | | | | | | |
|  | | The certificate is not valid without a stamp special of Calibration. | | | | | | | | | | | | | | | | | |
|  | | 3、未经本站授权，不得部分复制本证书。 | | | | | | | | | | | | | | | | | |
|  | | Don't reproduce this certificate partly unless approved by Tianjin Electrical Engineering Technology Research Institute | | | | | | | | | | | | | | | | | |
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|  | 证书编号： | | | | | | | ${meterReportNum} | | | | | 第 2 页 | | | | | 共 2 页 | | |
|  | certificate No. | | | | | | | page 2 of 2 | | | | | |  | |
| 校 准 结 果  Results of Calibration | | | | | | | | | | | | | | | | | | | | |
| 1. 直流电压测量：  |  |  |  |  |  | | --- | --- | --- | --- | --- | | 量程 | | 标准值 | 被测值 | 测量结果不确定度 *U* （*k*=2） | | 200mV | | 20.0 | 19.8 | *U*=0.05%*VX*+0.01%量程 | |  |  | 50.0 | 49.9 | *U*=0.05%*VX*+0.01%量程 | |  |  | 100.0 | 99.8 | *U*=0.05%*VX*+0.01%量程 | |  |  | 200.0 | 199.7 | *U*=0.05%*VX*+0.01%量程 | |  |  | -200.0 | -199.7 | *U*=0.05%*VX*+0.01%量程 | | 2V | | 2.000 | 1.993 | *U*=0.05%*IX*+0.01%量程 | |  |  | -2.000 | -1.992 | *U*=0.05%*IX*+0.01%量程 | | 20V | | 20.00 | 19.94 | *U*=0.05%*VX*+0.01%量程 | |  |  | -20.00 | -19.94 | *U*=0.05%*VX*+0.01%量程 | | 200V | | 200.0 | 199.5 | *U*=0.05%*VX*+0.01%量程 | |  |  | -200.0 | -199.5 | *U*=0.05%*VX*+0.01%量程 | | 1000V | | 1000 | 998 | *U*=0.05%*VX*+0.01%量程 |  1. 直流电流测量：  |  |  |  |  |  | | --- | --- | --- | --- | --- | | 量程 | | 标准值 | 被测值 | 测量结果不确定度 *U* （*k*=2） | | 2mA | | 2.000 | 1.998 | *U*=0.05%*IX*+0.01%量程 | |  |  | -2.000 | -1.997 | *U*=0.05%*IX*+0.01%量程 | | 20mA | | 20.00 | 19.97 | *U*=0.05%*IX*+0.01%量程 | |  |  | -20.00 | -19.97 | *U*=0.05%*IX*+0.01%量程 | | 200mA | | 200.0 | 199.5 | *U*=0.05%*IX*+0.01%量程 | |  |  | -200.0 | -199.4 | *U*=0.05%*IX*+0.01%量程 | | 20A | | 10.00 | 10.01 | *U*=0.05%*IX*+0.01%量程 | |  |  | -10.00 | -10.01 | *U*=0.05%*IX*+0.01%量程 | | | | | | | | | | | | | | | | | | | | | |
| 说明： | | |  | | | | | | | | | | | | | | | | | |
|  | 根据客户要求和校准文件的规定，通常情况下 12 个月校准一次。 | | | | | | | | | | | | | | | | | |  | |
| 注： | 1、本证书校准结果仅对所校准样品有效。 | | | | | | | | | | | | | | | | | |  | |
|  | The calibration result is related only to the calibrated measuring instrument. | | | | | | | | | | | | | | | | | |  | |
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