



Shanghai Electric Tool Research Institute Center of Measurement and Calibration
The Tenth Metering and Measuring Center Station of Mechanical Industry (Shanghai)

证书编号: 2015-C-13507
Certificate No.

上海电动工具研究所计量校准中心 机械工业第十计量测试中心站 (上海) 校准证书

CALIBRATION CERTIFICATE

委托者 杭州高电科技有限公司
Customer

委托者地址 杭州市西湖科技园西园八路2号D座3F
Add. of Customer

委托书编号 2015-01118
Order Number

器具的名称 变压器直流电阻测试仪
Description of Instrument

制造厂商 杭州高电科技有限公司
Manufacturer

型号/规格 CT3020
Model/Type

器具编号 1508213
Number of Instrument

受样日期 2015.10.16
Date of Sampling

受样方式/地点(单位) 现场
Way & Place (Organization) of Sampling

签发人/职务 质量主管

机构校准专用章

Stamp

杭州高电

Approved Signature Title

Checked by

专业校准 试铸典范

Calibrated by

Professional high voltage test

校准日期 2015年10月16日
Date of Calibration

地址: 上海市宝庆路10号
Address: No. 10 Baoqing Rd., Shanghai

电话: (021)64314612 (021) 64331431
Tel.:

传真: (021)64331130
Fax:

邮编: 200031
Post Code:

本证书提供的结果仅对本次被校的样品有效。

It's effect that the result of this certificate only for the sample(s) Calibrated.

本实验室获中国合格评定国家认可委员会认可。认可证书编号为: L6025

SETRI has been accredited by China National Accreditation Service for Conformity Assessment. The number of the Certificate is L6025

本实验室获上海校准实验室评审中心认可。认可证书编号为: SJ016

SETRI has been accredited by Shanghai Calibration Laboratory Audit Center. The number of the Certificate is SJ016.

MT-F-J0008

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1. 校准依据

Calibration Specification

JJG837—2003 直流低电阻表检定规程

JJG1052—2009 回路电阻测试仪、直阻仪检定规程

SETRI/JJF029—2005 回路电阻测试仪校准规范

2. 本次校准所使用的主要计量标准器(组):

Main standards of measurement used in this calibration

名称 Name	型号 Type	出厂编号 Ex-factory N	测量范围 Measuring range	准确度/等级 Accuracy/Class	证书编号/有效期限 Certificate No./ Due Date
直流标准 电阻器	BZ-3	E-17-208	$10^{-3}\Omega \sim 10^5\Omega$	0.01 级	2014F21-10-001178 2016.05.25
模拟大功率直流 标准电阻器	MZB-200	E-17-373	0~19 Ω	$\pm 0.05\%$	2014DW2251761 2015.12.24

以上计量标准器具的量值溯源至国家基准。

Quantity values of above measurement standards in this calibration are traced to those of the national primary standards in the P.R. China.

3. 校准的地点、环境条件:

Place、time and environmental condition of this calibration

地点: 杭州市西湖科技园西园八路2号D座3F

Place

温度: 20℃

Temp

湿度: 50%RH

R.H.

其它: /

Others

4. 校准结果的不确定度、限制使用范围及条件:

Limiting range and condition in used and uncertainty of the measurement results

本次测量结果的不确定度: $U_{rel}=0.2\%$ ($k=2$)

Uncertainty of the measurement results

限制使用范围及条件: ----

Limiting range and condition in used

5. 其它:

本次校准只对所给数据有效。

Other

The calibration results presented in this report relate only to the item calibrated.



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校准数据 / 结果

Data / Results of Calibration

一、外观及性能检查: 正常

二、电流测量

电流档

电流示值

测量值

20A

20.08A

20.09A

10A

10.03A

10.03A

5A

5.027A

5.028A

1A

1.002A

1.007A

0.1A

105.1mA

105.6mA

10mA

9.973mA

9.986mA

三、电阻校准

实际值(m Ω)

电阻示值(m Ω)

1.000

1.001

10.00

10.00

100.0

100.0

实际值(Ω)

电阻示值(Ω)

1.000

0.999

10.000

9.999

100.00

99.99

实际值(k Ω)

电阻示值(k Ω)

1.000

1.000

10.000

9.999

校准结果内容结束

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