

校准证书

Calibration Certificate

中国认可
国际互认
校准
CALIBRATION
CNAS L5138

证书编号

Certificate No.

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客户名称

Client Name

M A S ELECTRIC (THAI) CO., LTD.

地 址

Address

44/4 MOO10, THALE BOK, DONCHEDI DISTRICT, SUPHANBURI PROVINCE, 72250 THAILAND

仪器名称

Description

Zinc Oxide Arrester Electrified Tester

型号/规格

Model/Type

UHV-542

制造厂商

Manufacturer

Wuhan UHV Power Technology CO., LTD

出厂编号

Serial Number

2203033

管理编号

Management No.

/

接收日期

Date of Receipt

2024 年

Year

11 月

Month

07 日

Day

校准日期

Calibration Date

2024 年

Year

11 月

Month

07 日

Day

建议下次校准日期

Due Date

2025 年

Year

11 月

Month

06 日

Day

发布日期

Issue Date

2024 年

Year

11 月

Month

07 日

Day

发证单位(专用章)

Issued by (stamp)

批准:

Approved by

王世

核验:

Inspected by

钟金建

校准:

Calibrated by

付胜萍

地址: 深圳市龙岗区宝龙街道宝龙社区锦龙大道2号精锭科技工业厂区1号楼1层-6层、4号楼1层-5层

ADD: 1-5/F 4/B, 1-6/F 1/B Jingding Industrial Zone, No. 2, Jinlong Avenue, Baolong community, Baolong Street, Longgang District, Shenzhen

邮编(Post Code): 518116

电话(TEL): 0755-84815081

网址: <http://www.tiansu.org>Email: zskf@tiansu.org

说 明
DIRECTIONS证书编号
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1. 本实验室质量管理体系依据ISO/IEC17025:2017建立。
The laboratory quality management systems document is established according to ISO/IEC17025:2017.
2. 本证书未经签章、数据涂改、或分离使用均无效。未经我司书面批准，不得部分复制此证书。校准结果仅对受测仪器当时之情况负责。
The Certificate is invalid when no stamp sealed on, data alteration or separate use. Without our written approval, the certification should not be partially duplicated. The calibration results are only responsible for calibration conditions of the instrument at the time.
3. 本证书具有唯一性，带有相同证书编号、按页码顺序的组成页为校准证书，我司对本证书的内容拥有最终解释权。
The certificate is unique, and made up of pages with same certificate number and serial order, and reserves final explanation right of the certificate contents.
4. 若被校仪器属于强检范畴，按照法规要求，不能替代检定证书。
If the instrument belongs to compulsory test field, the corresponding calibration can not replace the verification according to the compulsory regulations.
5. 带※的参数项目表示不在CNAS认可范围内。
Parameter with asterisk '※' is not within the accreditation by CNAS.
6. 本次校准所依据的技术文件(Reference documents for the calibration):
JJF(浙)1082-2012 氧化锌避雷器阻性电流测试仪校准规范
7. 校准的地点及环境条件(Place and environmental condition in the calibration):
校准地点: 本公司实验室【电学室】
Cal. Place: _____
温 度: 23.5 °C 相对湿度: 33 %
Temperature: _____ Relative Humidity: _____
8. 校准所用的主要计量标准器具(Main Standards of Measurement Used in the Calibration):

名称	设备编号	证书编号	有效期至	溯源机构
Description	Equipment No.	Certificate No.	Due date	Actuator
多功能校准系统	TS-SB-19533	2024DW03540353	2025-11-27	湖北省计量测试技术研究院

校准结果

Results of Calibration

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1. 外观及工作性能检查:

(Appearance & Working Performance Check)

符合(Pass)

2. A相电压 (50Hz):

A Phase Voltage (50Hz)

标准值 Standard Value	示值 Indication	误差 Error	允 差 MPE	结论 Pass/Fail
50V	51.04V	+1.04V	±3.00V	P
100V	99.86V	-0.14V	±5.50V	P
150V	150.6V	+0.6V	±8.0V	P
200V	200.2V	+0.2V	±10.5V	P
240V	239.2V	-0.8V	±12.5V	P

3. B相电压 (50Hz):

B Phase Voltage (50Hz)

标准值 Standard Value	示值 Indication	误差 Error	允 差 MPE	结论 Pass/Fail
50V	49.89V	-0.11V	±3.00V	P
100V	100.18V	+0.18V	±5.50V	P
150V	150.2V	+0.2V	±8.0V	P
200V	200.4V	+0.4V	±10.5V	P
240V	242.1V	+2.1V	±12.5V	P

4. C相电压 (50Hz):

C Phase Voltage (50Hz)

标准值 Standard Value	示值 Indication	误差 Error	允 差 MPE	结论 Pass/Fail
50V	50.76V	+0.76V	±3.00V	P

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标准值 Standard Value	示值 Indication	误差 Error	允差 MPE	结论 Pass/Fail
100V	99.84V	-0.16V	±5.50V	P
150V	149.9V	-0.1V	±8.0V	P
200V	200.4V	+0.4V	±10.5V	P
240V	240.6V	+0.6V	±12.5V	P

5. A相全电流 (50Hz):

A Phase Total Current (50Hz)

标准值 Standard Value	示值 Indication	误差 Error	允差 MPE	结论 Pass/Fail
0.5mA	0.513mA	+0.013mA	±0.030mA	P
1mA	0.998mA	-0.002mA	±0.055mA	P
3mA	2.985mA	-0.015mA	±0.155mA	P
5mA	5.119mA	+0.119mA	±0.255mA	P
10mA	9.98mA	-0.02mA	±0.51mA	P

6. B相全电流 (50Hz):

B Phase Total Current (50Hz)

标准值 Standard Value	示值 Indication	误差 Error	允差 MPE	结论 Pass/Fail
0.5mA	0.475mA	-0.025mA	±0.030mA	P
1mA	0.980mA	-0.020mA	±0.055mA	P
3mA	2.889mA	-0.111mA	±0.155mA	P
5mA	5.100mA	+0.100mA	±0.255mA	P
10mA	9.68mA	-0.32mA	±0.51mA	P

7. C相全电流 (50Hz):

C Phase Total Current (50Hz)

标准值 Standard Value	示值 Indication	误差 Error	允差 MPE	结论 Pass/Fail
0.5mA	0.503mA	+0.003mA	±0.030mA	P

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标准值 Standard Value	示值 Indication	误差 Error	允差 MPE	结论 Pass/Fail
1mA	1.027mA	+0.027mA	±0.055mA	P
3mA	2.981mA	-0.019mA	±0.155mA	P
5mA	4.988mA	-0.012mA	±0.255mA	P
10mA	10.03mA	+0.03mA	±0.51mA	P

8. A相阻性电流 (50Hz):

A Phase Resistive Current (50Hz)

标准值 Standard Value	示值 Indication	误差 Error	允差 MPE	结论 Pass/Fail
0.707mA	0.701mA	-0.006mA	±0.040mA	P
1.414mA	1.488mA	+0.074mA	±0.076mA	P
4.243mA	4.313mA	+0.070mA	±0.217mA	P
7.071mA	7.287mA	+0.216mA	±0.359mA	P
9.014mA	9.113mA	+0.099mA	±0.456mA	P

9. B相阻性电流 (50Hz):

B Phase Resistive Current (50Hz)

标准值 Standard Value	示值 Indication	误差 Error	允差 MPE	结论 Pass/Fail
0.707mA	0.698mA	-0.009mA	±0.040mA	P
1.414mA	1.410mA	-0.004mA	±0.076mA	P
4.243mA	4.248mA	+0.005mA	±0.217mA	P
7.071mA	7.076mA	+0.005mA	±0.359mA	P
9.014mA	8.980mA	-0.034mA	±0.456mA	P

10. C相阻性电流 (50Hz):

C Phase Resistive Current (50Hz)

标准值 Standard Value	示值 Indication	误差 Error	允差 MPE	结论 Pass/Fail
0.707mA	0.713mA	+0.006mA	±0.040mA	P

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标准值 Standard Value	示值 Indication	误差 Error	允差 MPE	结论 Pass/Fail
1.414mA	1.382mA	-0.032mA	±0.076mA	P
4.243mA	4.258mA	+0.015mA	±0.217mA	P
7.071mA	6.897mA	-0.174mA	±0.359mA	P
9.014mA	9.024mA	+0.010mA	±0.456mA	P

说明:本次测量结果的扩展不确定度为:

The Expanded Uncertainty of the Measurement Result Is)

试验电压: $U_{rel}=0.3\%$; 电流: $U_{rel}=0.4\%$ $k=2$

依据JJF1059.1-2012测量不确定度评定与表示)

According to JJF1059.1-2012 Evaluation and Expression of Uncertainty in Measurement)

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