华南国家计量测试中心
广东省计量科学研究院
SOUTH CHINA NATIONAL CENTER OF METROLOGY
GUANGDONG INSTITUTE OF METROLOGY

中国认可
国际互认
校准
CALIBRATION
CNAS L0730

校 准 证 书
CALIBRATION CERTIFICATE

证书编号 Certificate No. NJJ202400154

委托方 Client: 优利德科技（中国）股份有限公司

委托方联络信息 Contact Information: 东莞松山湖高新技术产业开发区工业北一路6号

计量器具名称 Description: 热线风速计

型号/规格 Model/Type: UT362H

制造厂 Manufacturer: UNI-T

出厂编号 Serial No.: ---

设备管理编号 Equipment No.: ----

接收日期 Date of Receipt: 2024 年 Y 01 月 M 25 日 D

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

校准日期 Date of Calibration: 2024 年 Y 01 月 M 30 日 D

批 准 人 Approved Signatory: 郑培亮

核 验 Reviewed by: 钟烘昌

校 准 Calibrated by: 冯秋平

证书专用章 Stamp

扫一扫查真伪

实验室地址：广东省东莞市石排镇东园大道南庙边王路段1号 邮政编码：523343
电话：(8620)86594172 传真：(8620)86590743 投诉电话：(8620)36611242 E-mail：scm@scm.com.cn
Add: No.1,Miaobianwang Section, Dongyuan Road South, Shipai Town, Dongguan, Guangdong.
Post Code: 523343 Tel: (8620)86594172 Fax: (8620)86590743 Complaint Tel: (8620)36611242
证书真伪查询：www.scm.com.cn；cert.scm.com.cn Certificate AuthenticityIdentify: www.scm.com.cn; cert.scm.com.cn

说　明

证书编号 NJJ202400154
Certificate No.

DIRECTIONS

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/或国际单位制(SI)。
All data issued by this laboratory are traceable to national primary standards and/or International System of Units (SI).

3. 校准地点、环境条件：
Place and environmental conditions of the calibration:

地点 Place	二基地风速实验室A1-106 (Wind speed Lab.)	温度 Temperature	20.2 ℃	相对湿度 R.H.	55 %

4. 本次校准的技术依据：
Reference documents for the calibration:
JJG(建设) 0001-1992 热球式风速仪检定规程　V.R.of Hot Ball Shaped Anemometer

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/测量范围 Name of Equipment /Model/Type/Range	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
皮托静压管 Pitot-Static Tube /TPL-06-300/(0.997～1.003)	10	GQJ(V)LS2019-0055号 /2024-10-14 /国家气象站	MPE:±0.003
压力变送器 Pressure Transmitter /3051S/(0～100)Pa	6650623	RGyz2023-05818 /2024-10-09 /国家计量院	0.5 级 Grade 0.5
压力变送器 Pressure Transmitter /3051S/(0～625)Pa	6904605	RGyz2023-05814 /2024-10-09 /国家计量院	0.05 级 Grade 0.05

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，委托方对上面内容如有异议，须在收到证书后二十个工作日内提出。
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. Client shall submit any objection within 20 working days after receiving the certificate for the information above.
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 NJJ202400154 原始记录号 NJJ202400154 第 3 页,共 3 页
Certificate No. Record No. Page of

1 外观检查： 符合要求
Appearance check: Pass.

2 风速表的示值修正值见表1：
The Correction of indication value of anemometer shown in table 1:

表1 Table 1(单位 Unit: m/s)

指示风速 Indication Value	修正值 Correction
0.95	+0.02
3.15	-0.09
6.66	-0.60
10.90	-0.85
14.60	-1.54
16.90	-0.93
23.50	-1.52
29.90	-0.96

说明
Note:

1 结论：以上校准结果符合JJG(建设)0001-1992（准确度B级）技术要求。
Conclusion：The data of instrument calibrated above comply with the technical characteristics in JJG(JianShe)0001-1992(for accuracy Class B).
校准结果符合性判定依据JJF1094-2002《测量仪器特性评定》5.3.1和JJG(建设) 0001-1992 。
Decision rules of conformity are in JJF1094-2002 "*Evaluation of the Characteristics of Measuring Instruments*" (5.3.1)and JJG(JianShe)0001-1992 .

2 修正值允许范围为：±10%FS。
The permissble range of correction value:

3 风速示值修正值测量结果的扩展不确定度：U= 1.7 %FS，k=2。
The expanded uncertainty in measurement for correction of wind speed indication value:
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%.

4 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。更换重要部件、维修或对仪器性能有怀疑时，应及时校准。
According to the demand of reference document, next calibration is proposed within 1 year. In case of replacement of important parts, maintenance or doubt on the performance of the instrument, it shall be calibrated in time.