

深圳中电计量测试技术有限公司

Shenzhen Zhongdian Metrology and Testing Technology Co., Ltd

校准证书

CALIBRATION CERTIFICATE



第 1 页, 共 3 页
Page of

证书编号

Certificate No.

ZD202206180924

委托方

Client

上海仰邦科技股份有限公司

委托方地址

Address

上海市徐汇区钦州北路1199号88幢7楼

仪器名称

Description

氢气传感器

型号规格

Model/Type

BX-H2

制造厂

Manufacturer

上海仰邦科技股份有限公司

出厂编号

Serial No.

CGQ-2022042024

管理编号

Asset No.

/

样品接收日期

Date of Receipt

2022-06-18

校准日期

Date of Calibration

2022-06-18

批准人 :

Approved Signatory

王小云

审核 :

Inspected by

梁金学

校准 :

Tested by

宋成



地址 : 广东省深圳市宝安区福永街道白石厦社区东区新开发区4栋301

Add : Room 301, Building 4, New Development Area, East Zone, Baishixia Community, Fuyong Sub-District, Bao'an District, Shenzhen, Guangdong, China

电话 (Tel) : 0755-29888158

邮政编码 (Post Code) : 518103

传真 (Fax) : 0755-29796107



校准说明

DIRECTIONS OF CALIBRATION

证书编号： ZD202206180924

第 2 页，共 3 页

Certificate No.

Page of

- 1.本实验室出具的数据均可溯源至国家计量基准。
(All data issued by ZD Test are traced to National Primary Standards.)
- 2.本结果仅对当次被测样品有效，如有疑问请在15个工作日反馈。
(The results is ONLY valid for the tested sample,please feedback to us within 15 working days if you have any question.)
- 3.本证书编号具有唯一性，若替换证书，自发出后原证书即可作废。
(Each certificate has a unique number.If replaced the certificate,the original certificate will be invalid once the new certificate number is issued.)
- 4.证书中如有最大允许误差、判定结果，仅供参考，其中“P”代表“Pass”，“F”代表“Fail”。
(In the datasheet,MPE & determination is only for reference,"P"represents"Pass"and"F"represents"Fail".)
- 5.本次校准的技术依据及获认可的能力范围，超出范围的内容未被认可。
(Reference documents and Accredited Scopes for Calibration,Beyond the Scope has not been accredited.):

GB12358-2006 《作业场所环境气体检测报警仪通用技术要求》

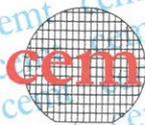
6.本次校准使用的主要测量标准 (Main Standards of Measurement Used in the Calibration.):

名称/型号 Description/Model	编号 Serial No.	证书号 Certificate No.	有效期至 Due Date	技术特征 Technique Character
氮气中氢气体标准物质	197156	GBW(E)061836	2023-05-18	$U_{rel}=2\%$, $k=2$

7.校准地点、环境条件 (Place and environmental conditions of the calibration)

地点 Place	本公司实验室	温度 Temperature	22.4 °C	相对湿度 Relative Humidity	59 %
-------------	--------	-------------------	---------	---------------------------	------

- 8.建议复校时间间隔：
Suggested calibration interval is
- 12 个月，送检单位可根据实际情况自主决定。
12 month or it can be altered depending on the actual usage of the user.



校准结果

Result of Calibration

证书编号: ZD202206180924

Certificate No.

第 3 页, 共 3 页

Page of

1、外观及各部件相互作用(Appearance & Interaction) :

校准项目 (Alignment Project)	校准结果(Calibration result)
外观及结构 (Appearance and structure)	符合要求 (Pass)
标志和标识 (Logo and logo)	符合要求 (Pass)
通电检查 (Electricity Inspection)	符合要求 (Pass)

2、报警功能及报警动作值(Alarm and alarm value):

报警功能 (Alarm function)	报警动作值 (Alarm action value)	结论 (Conclusion)
(Normal)	L (ppm)	(Pass/Fail)
正常	10	P

3、仪器示值误差(Indication erro) :

标气浓度 (Standard gas concentration)	示值误差 (Error)	技术指标 (Limit)	结论 (Conclusion)
(ppm)	(%FS)	(%FS)	(Pass/Fail)
101	0.8	±5	P
401	0.9		P
605	1.1		P

4、重复性(Repeatability) :

标气浓度 (Standard gas concentration)	重复性 (Repeatability)	技术指标 (Limit)	结论 (Conclusion)
(ppm)	(%)	(%)	(Pass/Fail)
401	1.3	≤2	P

5、响应时间 (Response time):

标气浓度 (Standard gas concentration)	平均值 (Average value)	技术指标 (Limit)	结论 (Conclusion)
(ppm)	(s)	(s)	(Pass/Fail)
401	12.08	≤30	P

备注 :

Notes :

关于测量结果不确定度的说明 :

(Directions of measurement uncertainty in the calibration)

1.依据 : JJF1059.1-2012 测量不确定度评定与表示 ;

(Reference Document : JJF1059.1-2012 Evaluation and Expression of Uncertainty in Measurement)

2.本次测量结果的扩展不确定度(The expanded uncertainty of the measurement) : $U_{rel}=1.8\%$, $k=2$

(以下空白)

(The below is blank.)