HENGKO TECHNOLOGY CO.,LTD

Factory Inspection Report

Report Number: HG-QCS820261118805
Test Equipment: Temperature and Humidity Calibration Chamber
Test Date: November 18, 2026
Product Model: HG808-D0Y4-A-00002
Product Serial Number:814025071805

I. Process and Functional Inspection Testing

No.	Item	Standard Requirement	Result
1	Appearance	No visible defects on the housing	☑OK NG☐
2	Display	Normal display with data refresh; no missing segments; temperature and humidity displayed correctly	☑OK NG☐
3	Power Supply Test	Product operates normally under both 12V and 24V power supply	☑OK NG☐
4	Aging Test	48-hour aging test according to GB/T 2423.3-2006	☑OK NG☐
5	Communication Test	RS485 or multimeter/PLC connection shows correct current or temperature/humidity values	☑OK NG☐

II. Temperature and Humidity Accuracy Test Results

1. Temperature Test

Standard Reading (℃)	Measured Reading (℃)	Allowable Error (℃)	Calibration Result
5	5.01	±0.1	Pass
23	23.02	±0.1	Pass
40	40.09	±0.2	Pass

2. Dew point Test

Standard Reading (℃)	Measured Reading (℃)	Allowable Error (℃)	Calibration Result
-59.2	-59.480	±2	Pass
-50.3	-50.490	±2	Pass
-40.5	-40.540	±2	Pass
-29.7	-29.710	±2	Pass
-20.6	-20.680	±2	Pass
-10.1	-10.040	±2	Pass

Note: Test condition at 23℃

Tester: Zane Wong
Date: November 18, 2026

Reviewer: Chen Zhihong
Date: November 18, 2026