

Cixi Hengda Electrical Appliance Co.Ltd

TEST REPORT

SCOPE OF WORK:

EMC report

Model:

GCH-10B1F, GCH-15B1F, GCH-20B1F, GCH-25B1F
More details refer to page 3

REPORT NUMBER

231100094HAN-005/Amendment 1

ISSUE DATE

December 4, 2024

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Report no. 231100094HAN-005/Amendment 1

Applicant : Cixi Hengda Electrical Appliance Co.Ltd
Sanjie, Fuhai Town, Cixi, Zhejiang 315332, P. R. China

Manufacturer : Cixi Hengda Electrical Appliance Co.Ltd
Sanjie, Fuhai Town, Cixi, Zhejiang 315332, P. R. China

Factory : Cixi Hengda Electrical Appliance Co.Ltd
Sanjie, Fuhai Town, Cixi, Zhejiang 315332, P. R. China

Summary

The equipment complies with the requirements according to the following standard(s) or Specification:

EN IEC 55014-1:2021: Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus Part 1: Emission

EN IEC 55014-2:2021: Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus Part 2: Immunity – Product family standard

EN IEC 61000-3-2:2019+A1:2021: Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current $\leq 16A$ per phase)

EN 61000-3-3:2013+A1:2019+A2:2021: Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current $\leq 16A$ per phase and not subject to conditional connection

PREPARED BY:

REVIEWED BY:



Offa Zhou
Project Engineer



Reggie Yuan
Reviewer

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Product Description	: Convactor Heater
Type/Model(s)	: GCH-10A, GCH-15A, GCH-20A, GCH-25A, GCH-10B, GCH-15B, GCH-20B, GCH-25B, GCH-10A1, GCH-15A1, GCH-20A1, GCH-25A1, GCH-10B1, GCH-15B1, GCH-20B1, GCH-25B1, GCH-10B1F, GCH-15B1F, GCH-20B1F, GCH-25B1F
Rating(s)	: 220-240V~, 50-60Hz, Class I for all models, IP 24 for GCH-10B1F, GCH-15B1F, GCH-20B1F, GCH-25B1F; IP20 for other models. GCH-10A, GCH-10B, GCH-10A1, GCH-10B1, GCH-10B1F: 800-1000W GCH-15A, GCH-15B, GCH-15A1, GCH-15B1, GCH-15B1F: 1300-1500W GCH-20A, GCH-20B, GCH-20A1, GCH-20B1, GCH-20B1F: 1800-2000W GCH-25A, GCH-25B, GCH-25A1, GCH-25B1, GCH-25B1F: 2300-2500W
Brand Name	: /
Date of test	: /
Base testing laboratory	: Intertek Testing Services Shanghai
Amendment 1:	
<p>The original test report ref. No. 231100094HAN-005 dated on December 16, 2023 was modified on December 4, 2024 to include the following additions and/or changes:</p> <p>(1) Add new models GCH-10B1F, GCH-15B1F, GCH-20B1F and GCH-25B1F, which are separately the same as models GCH-10B1, GCH-15B1, GCH-20B1 and GCH-25B1 except for the IP degree.</p> <p>After technical evaluation, no test item was performed again. This amendment test report should be read in conjunction with the based test report.</p>	

Revision History

Report No.	Version	Description	Issued Date
231100094HAN-005/Amendment 1	Rev. 01	Initial issue of report	December 4, 2024

Measurement result summary

TEST ITEM	TEST RESULT	NOTE
Mains terminal continuous disturbance voltage	Pass	
Mains terminal discontinuous disturbance voltage/click	Pass	
Continuous disturbance power	NA	
Radiated Emission	Pass	
Harmonics	Pass	
Voltage fluctuation-Flicker	Pass	
Electrostatic Discharge (ESD)	Pass	
RF electromagnetic field susceptibility	NA	
Electric Fast Transient /Burst (EFT/B)	Pass	
Surge	Pass	
Injected Current	Pass	
Voltage dips and interruption	Pass	

Notes:

1. The item(s) in “bold & italic” means the additional tests has been performed, and test result will be listed in the ANNEX of this amendment report.
2. NA=Not Applicable.
3. Determination of the test conclusion is based on IEC Guide 115 in consideration of measurement uncertainty.
4. Additions, Deviations and Exclusions from Standards: None.

END of the report