



中国认可
国际互认
检测
TESTING
CNAS L2929

Test Report

No.: T52210330078EL

Date: DEC 19, 2022

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ZHONGSHAN HUAXIN MACHINE &ELECTRIC CO.,LTD

NO.104,FIRST FLOOR,NORTH WING,SHU MAO MANSION,
NO.6,XIANGXING ROAD,TORCH DEVELOPMENT ZONE,
ZHONGSHAN GUANGDONG

The following samples were submitted and identified by/on behalf of the client as:

Name of Product/Item : AIR BLOWER
Item No. : FJ-350C、FJ-450C、FJ-750C
Manufacturer : ZHONGSHAN HUAXIN MACHINE &ELECTRIC CO.,LTD
Manufacturer Address : YINGHAI 3 ROAD, NANLANG INDUSTRIAL AREA. NANLANG TOWN.
ZHONGSHAN CTIY, GUANGDONG
Country of Origin : ZHONGSHAN
Labeled Age Grading : Not provided
Request Age Grading : Not provided

Tested Item No. : FJ-750C, FJ-350C, FJ-450C
Test Age Grading : 8 Years and Above
Power Source for Test : Input: AC 110V-120V a.c. 60Hz 6.5A for FJ-750C
Input: AC 110V-120V a.c. 60Hz 3.2A for FJ-350C
Input: AC 110V-120V a.c. 60Hz 4.2A for FJ-450C
Date of receipt : NOV 14, 2022 Number of sample: 12
Testing Period : NOV 14, 2022 TO DEC 19, 2022
Date of information receipt : DEC 14, 2022



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TEST REQUESTED : Test for compliance with the electric safety requirement with reference to 16 CFR 1505.

RESULTS : Please refer to the next page.

CONCLUSION : **PASS**

The item listed were found to comply with the electric safety requirements of 16 CFR 1505 by tests on the submitted samples and inspection of technical details submitted by the manufacturer.

***** FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) *****

Signed for and on behalf of
SGS-CSTC Standards Technical
Services Co., Ltd. Shenzhen Branch Testing Center

scan to see the report



T52210330078EL

Xiao Yongbo, Spring
Supervisor
CNAS Approved Signatory



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16 CFR 1505 SPECIFICATION REQUIREMENTS & TEST RESULTS

Clause		Assessment	Remarks
Subpart A - Regulation			
1505.1	Definition	--	
1505.2	Scope of part	--	
1505.3	Labeling	Pass	
1505.4	Manufacturing requirement	Pass	*
1505.5	Electrical design and construction	Pass	
1505.6	Performance	Pass	
1505.7	Maximum acceptable surface temperatures	Pass	
1505.8	Maximum acceptable material temperatures	Pass	
Subpart B – Policies and Interpretation			
1505.50	Stalled motor testing	Pass	
1505.51	Hot Surfaces	Pass	

*Remark: According to 16 CFR 1505.4 Manufacturing requirements:

- 1) Toys shall be produced in accordance with detailed material specifications, production specifications, and quality assurance programs. Quality assurance programs shall be established and maintained by each manufacturer to assure compliance with all requirements of this part.
- 2) The manufacturer or importer shall keep and maintain for 3 years after production or importation of each lot of toys (i) the material and production specifications and the description of the quality assurance program required by paragraph (1) of this section, (ii) the results of all inspections and tests conducted, and (iii) records of sale and distribution. These records shall be made available upon request at reasonable times to any officer or employee of the Consumer Product Safety Commission. The manufacturer or importer shall permit such officer or employee to inspect and copy such records, to make such inventories of stock as he deems necessary, and to otherwise verify the accuracy of such records.
- 3) Toys shall be constructed and finished with a high degree of uniformity and as fine a grade of workmanship as is practicable in a well-equipped manufacturing establishment. Each component of a toy shall comply with the requirements set forth in this part.
- 4) Protective coatings. Iron and steel parts shall be suitably protected against corrosion if the lack of a protective coating would likely produce a hazardous condition in normal use or when the toy is subjected to reasonably foreseeable damage or abuse.



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Remark:

1. Since the data and / or information above division line of front page is provided by the applicant, the relevant results or conclusions of this report are only made for these data and / or information, SGS shall not be responsible for the authenticity and integrity of such data and information and the validity of the results and / or conclusions arising therefrom. Testing results only apply to the sample as received.
2. The statement of conformity has considered the decision rule based on the Guarded acceptance (8.3.2 of ISO/IEC GUIDE 98-4:2012). When the measured value falls within the guard band, only the test data and measurement uncertainty will be reported. The guard band is equal to the expanded measurement uncertainty with a 95% coverage probability ($k=2$), $w = U_{95}$. The Probability of False Accept and the Probability of False Reject of the decision rule are 2.5%.

For Upper Tolerance Limit (T_U):

Pass - when the measurement result is below $T_U - U_{95}$

Fail - when the measurement result is above $T_U + U_{95}$

Inconclusive - when the measurement result is falling in guard band $[T_U - U_{95}, T_U + U_{95}]$

For Lower Tolerance Limit (T_L):

Pass - when the measurement result is above $T_L + U_{95}$

Fail - when the measurement result is below $T_L - U_{95}$

Inconclusive - when the measurement result is falling in guard band $[T_L - U_{95}, T_L + U_{95}]$



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Sample Picture (As received)

Pic.1



Pic.2



Pic.3



SGS authenticate the photo on original report only

*** End of Report ***