

# TEST REPORT

**SCOPE OF WORK:**

EMC directive (2014/30/EU) – EMC report

**Model:**

JY-46\*\*, details refer to Page 3

**REPORT NUMBER**

JSH006110910-001/Amendment6

**ISSUE DATE**




September 18, 2018

**DOCUMENT CONTROL NUMBER**

TTRFamend\_V1  
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Report no. JSH006110910-001/Amendment6

**Applicant** :   
**Manufacturer** :   
**Manufacturing site** : 

### Summary

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

**\*EN 55014-1:2017**: Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus Part 1: Emission

**\*EN 55014-2:2015**: Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus Part 2: Immunity – Product family standard

**EN 61000-3-2:2014**: Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current  $\leq 16A$  per phase)

**EN 61000-3-3:2013**: 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:**

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Reviewer



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<b>Product Description</b>	: Hair clipper
<b>Type/Model(s)</b>	: JY-46**, (**=00, 01, 02, 03, 04, 05, 07, 08, 09, 10, 11, 12, 13, 15, 16, 17, 18, 19, 20, 21, 28, 22, 23, 25, 26, 27, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58), JY-50**, (**=11, 12, 13, 15, 16, 17), JY-66**, (**=01, 02, 03, 04, 05, 06, 07, 08, 09, 10), JY-7**, (**=02, 03, 04, 32, 35, 36, 38, 74), JY-810, JY-9**, (**=01, 07, 08, 09), PR-1868: 230V, 50Hz, 10W; JY-803, JY-9**, (**=38, 39, 41, 97, 98, 99), JY-11**, (**=05, 06, 07): 230V, 50Hz, 12W or 220-240V, 50Hz, 12W; Class II, Rated operating time: 10 min
<b>Rating(s)</b>	: JY-46**, (**=00, 01, 02, 03, 04, 05, 07, 08, 09, 10, 11, 12, 13, 15, 16, 17, 18, 19, 20, 21, 28, 22, 23, 25, 26, 27, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58); JY-50**, (**=11, 12, 13, 15, 16, 17); JY-66**, (**=01, 02, 03, 04, 05, 06, 07, 08, 09, 10); JY-7**, (**=02, 03, 04, 32, 35, 36, 38, 74); JY-8**, (**=03, 10); JY-9**, (**=01, 07, 08, 09, 38, 39, 41, 97, 98, 99); JY-11**, (**=05, 06, 07); PR-1868
<b>Brand name</b>	: /
<b>Base testing laboratory</b>	: Intertek Testing Services Hangzhou
<b>Amendment 6:</b> <p>The original test report ref. No. JSH006110910-001 dated March 22, 2007 with amendment1 dated October 13, 2009, amendment2 dated October 17, 2012, amendment3 dated June 19, 2013, amendment4 dated July 08, 2014, amendment5 dated November 27, 2015 were modified on September 18, 2018 to include the following additions and/or changes:</p> <ol style="list-style-type: none"> <li>1. “*” means the standard has been updated by the new standards listed in this report, and there is no difference on this kind of products between the new standard and the old one. No additional testing is required accordingly.</li> <li>2. Added new models JY-46**, (**=41, 42, 43, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58) which are same as with JY-46** except the top cover of the appliance.</li> <li>3. Added new model PR-1868 which is same as JY-4638 except model number.</li> </ol> <p>After technical evaluation, no test item was performed again.</p> <p>This amendment test report should be read in conjunction with the based test report.</p>	

### Revision History

Report No.	Version	Description	Issued Date
JSH006110910-001	Rev. 01	Initial issue of report	March 22, 2007

## Measurement result summary

TEST ITEM	TEST RESULT	NOTE
Mains terminal continuous disturbance voltage	Pass	
Mains terminal discontinuous disturbance voltage/click	NA	
Continuous disturbance power	Pass	
Radiated Emission <sup>(1)</sup>	Pass	
Harmonics	Pass	
Voltage fluctuation-Flicker	Pass	
Electrostatic Discharge (ESD)	NA	
RF electromagnetic field susceptibility	NA	
Electric Fast Transient /Burst (EFT/B)	NA	
Surge	NA	
Injected Current	NA	
Voltage dips and interruption	NA	

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.

<sup>(1)</sup> As for in the disturbance power test all emission readings from the EUT are lower than the applicable limits (Table 7) reduced by the margin (Table 8) and the maximum clock frequency is less than 30MHz, the EUT is deemed to comply with the Radiated Emission requirement without test.

**Annex I: Photograph of equipment under test**

Photo 1.

Description: Overall view



\*\*\*END of the report\*\*\*