



0574-63023077

Test Report

No.: SHD2701351

Date: FEB.02,2007

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NINGBO XINHAI ELECTRONICS MANUFACTURE CO., LTD
INDUSTRY ZONE, CHONGSHOU TOWN, CIXI CITY, CHINA

THE TEST REPORT IS TO SUPERSEDE THE TEST REPORT No.: SHD2607218
DATE: OCT.12,2006

The following samples were submitted and identified by the client as:

Sample Description : XHD88(CR)
 Style / Item No : XHD88
 Manufacturer : NINGBO XINHAI ELECTRONICS MANUFACTURE CO., LTD / NINGBO
 GUANGHAI LIGHTER MANUFACTURE CO., LTD
 Country of Origin : CHINA
 Country of Destination : EU COUNTRIES
 Sample Receiving Date : AUG.31, 2006
 Testing Period : AUG.31, 2006 TO OCT.12, 2006
 Test Performed : SELECTED TEST(S) AS REQUESTED BY APPLICANT
 Test Requested : REFER TO BS EN ISO 9994:2005
 Test Result(s) : FOR FURTHER DETAILS, PLEASE REFER TO THE
 FOLLOWING PAGE(S)
 Conclusion : THE SUBMITTED SAMPLE MET THE TEST REQUIREMENT

Signed for and on behalf of
SGS-CSTC Ltd.



Cathy Wang
Section Manager

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Test Conducted :

BS EN ISO 9994:2005 (Lighter Safety Specification)

- Scope : This international standard establishes requirements for lighters to ensure a reasonable degree of safety for normal use or reasonably foreseeable misuse of such lighters by users. It cannot eliminate all hazards, but is intended to reduce potential hazards to users.
- No. Of Specimen : 50 pcs. Of completed lighters.
- Conditioning : All the specimen were stabilized at 23±2°C & 50±3% r.h. for at least 10 hours prior to each test or measurement.
- Test Result : Pass. Details shown as following table:

Test Item	Result	Note	Qty. Tested
Clause 3 Functional Requirements:			
Clause 3.1 Flame Generation	Pass	---	10 Pcs.
Clause 3.2 Flame Heights	Pass	---	15 Pcs.
Clause 3.3 Flame Height Adjustment	Pass	---	5 Pcs.
Clause 3.4 Flame Resistance To Spitting Or Sputtering And Flaring	Pass	---	10 Pcs.
Clause 3.5 Flame Extinction	Pass	---	10 Pcs.
Clause 3.6 Volumetric Displacement	Pass	---	10 Pcs.
Clause 4 Structural Integrity Requirements :			
Clause 4.1 External Finish	Pass	---	10 Pcs.
Clause 4.2 Compatibility With Fuel	Pass	---	5 Pcs.
Clause 4.3 Resistance To Fuel Loss	Pass	---	5 Pcs.
Clause 4.4 Resistance To Dropping	Pass	---	10 Pcs.
Clause 4.5 Resistance To Elevated Temperature	Pass	#1	5 Pcs.
Clause 4.6 Resistance To Internal Pressure	Pass	---	5 Pcs.
Clause 4.7 Burning Behaviors	Pass	---	5 Pcs.
Clause 4.8 Resistance To Cycling Burning	Pass	---	5 Pcs.
Clause 4.9 Resistance To Continuous Burning	Pass	---	5 Pcs.
Clause 6 Instructions And Warnings :			
Clause 6.2 Location	Pass	---	1 Pc
Clause 6.3 Content	Pass	---	1 Pc
Clause 6.4 Safety symbols	Pass	---	1 Pc
Clause 6.5 Refilling Instructions	Pass	---	1 Pc
Clause 7 Product Marking:			
	Pass	---	1 Pc

- Note :
- #1. Visible cracks were found on the tested samples after performing the test.
 - #2 N/C means Not conducted as per client's request.
 - All specimens were maintained at 23±2degree c, 50±3% r.h. for at least 10 hours before applying any test.
 - All the lighters were refillable type.

End of Report

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