



## TEST REPORT

**Applicant:** RUI'AN WEN ER TAI LIGHT CO.,LTD  
**Address:** XIANJIANG JINSHAN INDUSTRIAL ZONE RUI' AN ,ZHEJIANG CHINA  
**Product:** Led rope light & Led duralight & Christmas light  
**Model:** LED-GH-2W-NM LED-GHF-3W-NM LED-GH-3W-NM GH-MRN-X  
GH-MLN-X  
**Test Method:** Refer to EPA 3052, EPA 3050B, EPA 6010C, EPA 3060A, EPA 7196A,EPA 3540C, EPA 8270D, SJ/T 11365-2006, IEC 62321/CDV  
**Report No.:** STDGZ-01568-RoHS


According as the referenced test report, the results data of the tested items do not exceed the limited value in directive(s) RoHS 2002/95/EC.

The test report is the responsibility of the manufacturer / importer.

# RoHS

This test report is responsible for the tested samples only. The test report is invalid without the official stamp of STD. The test report is invalid if altered. Objections to the test report must be submitted to STD within 15 days.

### Test Laboratory

Authorized By: 

Date:

Mar. 20, 2009

(stamp)



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### General information

#### 1.1 Application details

##### 1.1.1 Details of applicant

Name : RUI'AN WEN ER TAI LIGHT CO.,LTD  
Address : XIANJIANG JINSHAN INDUSTRIAL ZONE RUI'AN ,ZHEJIANG CHINA  
Country : China  
Telephone : +86-0577-65588378  
Fax : +86-0577-65584358  
Teletex : /  
Contact : Mr.Wu  
Telephone : +86-0577-65588378

##### 1.1.2 Details of wanted approval holder

Name : RUI'AN WEN ER TAI LIGHT CO.,LTD  
Address : XIANJIANG JINSHAN INDUSTRIAL ZONE RUI'AN ,ZHEJIANG CHINA  
Country : China  
Telephone : +86-0577-65588378  
Fax : +86-0577-65584358  
Teletex : /  
Contact : Mr.Wu  
Telephone : +86-0577-65588378

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### 1.2 Description of the test item

Type of product : Led rope light & Led duralight & Christmas light  
Type identification : LED-GH-2W-NM LED-GHF-3W-NM LED-GH-3W-NM GH-MRN-X  
GH-MLN-X

### 1.3 Directive

#### **2002/95/EC**

Restriction of the use of certain hazardous substances in electrical and electronic equipment  
27 January 2003

*in connection with:*

#### **2002/96/EC**

*Waste electrical and electronic equipment  
27 January 2003*

#### **2005/618/EC**

Establishing the maximum concentration values for certain hazardous substances in electrical  
and electronic equipment  
18 August 2005

### 1.4 Test report approval

Mar 20,2009



Date

Review by



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### Test Results

#### 1.5 General Information

##### 1.1.3 Description of the Sample

Type of product : Led rope light & Led duralight & Christmas light

Type identification : LED-GH-2W-NM LED-GHF-3W-NM LED-GH-3W-NM GH-MRN-X  
GH-MLN-X

##### 1.1.4 Sample Receiving Date

Mar.15, 2009

##### 1.1.5 Testing Period

Mar.15, 2009 to Mar.20, 2009

##### 1.1.6 Test Requested

To combine the test reports for the submitted sample.

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### 1.1.7 Survey report contents

#### Test report

Report No	Issue date
SGS CANEC0800555703	03/05/2008
SGS CANEC0800555701	03/05/2008
SGS CANEC0800962801	03/21/2008
SGS CANEC0800962805	03/21/2008
SGS CANEC0801001202	03/21/2008
SGS SH8041399/CHEM	04/01/2008
SGS SH9021965/CHEM	02/23/2009
PTS NB2009021333	02/17/2009
BV (6608) 191-0589	07/12/2008
CTI SHR08062432004001C	06/27/2008

**Conclusion:** based on the reports submitted by clients, we outline the test data as following

#### Survey part

Part name No.1	GREEN LED
Model:	/
Vendor:	ZHONGSHAN M.L..S ELECTRONICS CO., LTD.
Report no:	CANEC0800555703
Part name No.2	RED LED
Model:	/
Vendor:	ZHONGSHAN M.L..S ELECTRONICS CO., LTD.
Report no:	CANEC0800555701
Part name No.3	BULE LED
Model:	/
Vendor:	ZHONGSHAN M.L..S ELECTRONICS CO., LTD.
Report no:	CANEC0800962801
Part name No.4	DISPLAY

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Model:	/
Vendor:	ZHONGSHAN M.L.S ELECTRONICS CO., LTD.
Report no:	CANEC0800962805
Part name No.5	Resistance
Model:	/
Vendor:	/
Report no:	CANEC0801001202
Part name No.6	环保阻燃 PVC 护套
Model:	/
Vendor:	苏州兆丰塑胶有限公司
Report no:	SH8041399/CHEM
Part name No.7	CAPACITOR
Model:	/
Vendor:	NANTONG CITY LAIFU ELECTRONIC CO.,LTD
Report no:	SH9021965/CHEM
Part name No.8	灯串 COB YD803 系列
Model:	/
Vendor:	宁波市江东增辉电子科技有限公司
Report no:	NB2009021333
Part name No.9	插头电源线
Model:	/
Vendor:	宁波乔普电器有限公司
Report no:	(6608) 191-0589
Part name No.10	黑色塑料粒子
Model:	/
Vendor:	慈溪忠瑞塑胶制品有限公司
Report no:	SHR08062432004001C

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### Test Data Summary

Item		Lead(Pb)	Cadmium (Cd)	Mercury (Hg)	Chromium (CrVI)	PBBs	PBDEs
Unit		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Acceptable Limit		1000	100	1000	1000	1000	1000
PartNo.1 GREEN LED	Green plastic	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
	Silver metal pin	45	N.D.	N.D.	Negative	N.D.	N.D.
PartNo.2 RED LED	Red plastic	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
	Silver metal pin	N.D.	N.D.	N.D.	Negative	N.D.	N.D.
PartNo.3 BLUE LED	Blue plastic	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
	Silver metal pin	N.D.	N.D.	N.D.	Negative	N.D.	N.D.
PartNo.4 DILPLAY	Silver metal pin	N.D.	N.D.	N.D.	Negative	N.D.	N.D.
	Black "PCB"	16	N.D.	N.D.	N.D.	N.D.	N.D.
	Translucent solid material	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
	White shell w/gray surface& black printing	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
PartNo.5 Resistance	银色金属	N.D.	N.D.	N.D.	Negative	N.D.	N.D.
	混合物	40	N.D.	N.D.	N.D.	N.D.	N.D.
PartNo.6 PVC	Plastics	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

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Item		Lead(Pb)	Cadmium (Cd)	Mercury (Hg)	Chromium (CrVI)	PBBs	PBDEs
Unit		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Acceptable Limit		1000	100	1000	1000	1000	1000
PartNo.7 CAPACITOR	Mixture	N.D.	N.D.	N.D.	/	N.D.	N.D.
	Silver metal wire	N.D.	N.D.	N.D.	Negative	N.D.	N.D.
	Silver metal wire	N.D.	N.D.	N.D.	Negative	N.D.	N.D.
	Red mud	7	N.D.	N.D.	N.D.	N.D.	N.D.
	Yellow plastic shell	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
PartNo.8 COB YD803	/	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
PartNo.9 插头电源线	黄铜	17900 <sup>#</sup>	N.D.	N.D.	Negative	N.D.	N.D.
	PBT 材料	7.36	N.D.	N.D.	N.D.	N.D.	N.D.
	PVC 塑料 (黑)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
	铜丝	82.7	N.D.	N.D.	Negative	N.D.	N.D.
	PVC 护套塑料 (黑)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
	PVC 绝缘塑料 (褐)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
	PVC 绝缘塑料 (蓝)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
PartNo.10 黑色塑料粒子	塑料	N.D.	N.D.	N.D.	N.D.	N.A.	N.A.

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- Note:** (1) N.D.= Not detected (<MDL)  
(2) N.A. = Not applicable  
(3) N.C. = Not conducted  
(4) Negative: 未检测到六价铬

**Disclaim:**

- 1.The detection limit of other labs may be different from that of STD.
- 2.STD takes no responsibility for any mistakes caused by inaccurate and/or invalid information submitted by the applicant.

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**Photo reference**



**\*\*\*End of Report\*\*\***