

Survey Report

No. SH595707/ CHEM

Date: 12.29.2005

Page 1 of 9

公司名称: 浙江科都电气制造有限公司

Company: ZHEJIANG KEDU ELECTRIC MANUFACTURING CO., LTD.

地址: 浙江省乐清市虹桥镇蒲岐工业区

Address: PUQI INDUSTRIAL ZONE HONGQIAO YUEQING ZHEJIANG 325608 P.R. CHINA

样品名称:

Report on the submitted sample said to be: used for PUSH BUTTON SWITCH SERIES (按动开关系列)(HY15)

SGS 编号: : SHEC0051235678-2EC

SGS Ref. : SHEC0051235678-2EC

型号: : 详见附件

Style No. : SEE THE ATTACHMENT

收样日期: : 2005-12-08

Sample Received : December 08, 2005

审核日期: : 2005-12-08 to 2005-12-12

Survey Period : December 08 to December 12, 2005

审核要求:

根据客户要求将部品测试报告加以合并

Test Requested

To combine the test reports for the submitted sample

测试报告:

报告号:

报告出具日期:

Test Report

Report No.

Issue date

SGS SH546401/CHEM

07/15/2005

SGS SH553274/CHEM

08/08/2005

SGS SH546402/CHEM

07/15/2005

SGS SH546071/CHEM

07/15/2005

SGS SH546403/CHEM

07/15/2005

SGS SH546404/CHEM

07/15/2005

SGS SH553276/CHEM

08/09/2005

SGS SH546118/CHEM

07/15/2005

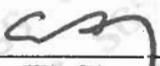
结论:

根据客户提供的报告,针对提供的样品,我们对有关部品数据总结如下

Conclusion

Based on the reports submitted by clients, we outline the test data as following

Signed for and on behalf of
SGS-CSTC Chemical Laboratory


Ella Zhang
Supervisor

This Test Report is issued by the Company subject to its General Conditions of Service printed overleaf or attached. Said Conditions are also available upon request or are accessible at www.sgs.com. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies defined therein. The results shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained for 90 days only. This Test Report shall not be reproduced except in full, without written approval of the Company.

SHCHEM 481521

Survey Part

部品 No.1	大压簧(拨杆压簧)
Part name No.1	BIG SPRING (MOVABLE POLE SPRING)
型号:	HY44
Model:	HY44
生产商:	浙江科都电气制造有限公司
Vendor:	ZHEJIANG KEDU ELECTRIC MANUFACTURING CO., LTD.
报告号:	SGS SH546401/CHEM
Report number	SGS SH546401/CHEM
部品 No.2	大压簧(滑板压簧)
Part name No.2	BIG SPRING (MOVABLE PLATE SPRING)
型号:	HY44
Model:	HY44
生产商:	浙江科都电气制造有限公司
Vendor:	ZHEJIANG KEDU ELECTRIC MANUFACTURING CO., LTD.
报告号:	SGS SH546401/CHEM
Report number	SGS SH546401/CHEM
部品 No.3	垫圈(钮子)
Part name No.3	RING (BUTTON)
型号:	HY38
Model:	HY38
生产商:	浙江科都电气制造有限公司
Vendor:	ZHEJIANG KEDU ELECTRIC MANUFACTURING CO., LTD.
报告号:	SGS SH553274/CHEM
Report number	SGS SH553274/CHEM
部品 No.4	动触点
Part name No.4	MOVABLE CONTACT
型号:	HY44
Model:	HY44
生产商:	浙江科都电气制造有限公司
Vendor:	ZHEJIANG KEDU ELECTRIC MANUFACTURING CO., LTD.
报告号:	SGS SH546402/CHEM
Report number	SGS SH546402/CHEM
部品 No.5	动触点(静触点)
Part name No.5	MOVABLE CONTACT (STATIONARY CONTACT)
型号:	HY44
Model:	HY44
生产商:	浙江科都电气制造有限公司
Vendor:	ZHEJIANG KEDU ELECTRIC MANUFACTURING CO., LTD.
报告号:	SGS SH546402/CHEM
Report number	SGS SH546402/CHEM
部品 No.6	钢珠 S Φ2.5

This Test Report is issued by the Company subject to its General Conditions of Service printed overleaf or attached. Said Conditions are also available upon request or are accessible at www.sgs.com. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies defined therein. The results shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained for 90 days only. This Test Report shall not be reproduced except in full, without written approval of the Company.

Survey Report

No. SH595707/ CHEM

Date: 12.29.2005

Page 3 of 9

Part name No.6	STEEL BALL S Φ2.5
型号:	HY15
Model:	HY15
生产商:	浙江科都电气制造有限公司
Vendor:	ZHEJIANG KEDU ELECTRIC MANUFACTURING CO., LTD.
报告号:	SGS SH546071/CHEM
Report number	SGS SH546071/CHEM
部品 No.7	右接线柱(开槽螺钉 M3.5×6)
Part name No.7	RIGHT PILLAR TERMINAL (SCREW M3.5×6)
型号:	HY44
Model:	HY44
生产商:	浙江科都电气制造有限公司
Vendor:	ZHEJIANG KEDU ELECTRIC MANUFACTURING CO., LTD.
报告号:	SGS SH546403/CHEM
Report number	SGS SH546403/CHEM
部品 No.8	右接线柱(静触头接线柱)
Part name No.8	RIGHT PILLAR TERMINAL (CONNECTION PILLAR OF TERMINAL)
型号:	HY44
Model:	HY44
生产商:	浙江科都电气制造有限公司
Vendor:	ZHEJIANG KEDU ELECTRIC MANUFACTURING CO., LTD.
报告号:	SGS SH546403/CHEM
Report number	SGS SH546403/CHEM
部品 No.9	右接线柱(支架接线柱)
Part name No.9	RIGHT PILLAR TERMINAL (CONNECTION PILLAR OF SUPPORT HOLDER)
型号:	HY44
Model:	HY44
生产商:	浙江科都电气制造有限公司
Vendor:	ZHEJIANG KEDU ELECTRIC MANUFACTURING CO., LTD.
报告号:	SGS SH546403/CHEM
Report number	SGS SH546403/CHEM
部品 No.10	动触架(拨杆)
Part name No.10	LEVER HOLDER(MOVABLE POLE)
型号:	HY44
Model:	HY44
生产商:	浙江科都电气制造有限公司
Vendor:	ZHEJIANG KEDU ELECTRIC MANUFACTURING CO., LTD.
报告号:	SGS SH546404/CHEM
Report number	SGS SH546404/CHEM
部品 No.11	动触架(右支架)
Part name No.11	LEVER HOLDER(RIGHT SUPPORT HOLDER)
型号:	HY44
Model:	HY44
生产商:	浙江科都电气制造有限公司

This Test Report is issued by the Company subject to its General Conditions of Service printed overleaf or attached. Said Conditions are also available upon request or are accessible at www.sgs.com. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies defined therein. The results shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained for 90 days only. This Test Report shall not be reproduced except in full, without written approval of the Company.

SHCHEM 481519

Survey Report

No. SH595707/ CHEM

Date: 12.29.2005

Page 4 of 9

Vendor:	ZHEJIANG KEDU ELECTRIC MANUFACTURING CO., LTD.
报告号:	SGS SH546404/CHEM
Report number	SGS SH546404/CHEM
部品 No.12	动触架(左支架)
Part name No.12	LEVER HOLDER(LEFT SUPPORT HOLDER)
型号:	HY44
Model:	HY44
生产商:	浙江科都电气制造有限公司
Vendor:	ZHEJIANG KEDU ELECTRIC MANUFACTURING CO., LTD.
报告号:	SGS SH546404/CHEM
Report number	SGS SH546404/CHEM
部品 No.13	动触架(动触头)
Part name No.13	LEVER HOLDER(LEVER)
型号:	HY44
Model:	HY44
生产商:	浙江科都电气制造有限公司
Vendor:	ZHEJIANG KEDU ELECTRIC MANUFACTURING CO., LTD.
报告号:	SGS SH546404/CHEM
Report number	SGS SH546404/CHEM
部品 No.14	动触架(静触头)
Part name No.14	LEVER HOLDER(TERMINAL)
型号:	HY44
Model:	HY44
生产商:	浙江科都电气制造有限公司
Vendor:	ZHEJIANG KEDU ELECTRIC MANUFACTURING CO., LTD.
报告号:	SGS SH546404/CHEM
Report number	SGS SH546404/CHEM
部品 No.15	安装座
Part name No.15	BASE(MOUNTING HOUSING)
型号:	HY15
Model:	HY15
生产商:	浙江科都电气制造有限公司
Vendor:	ZHEJIANG KEDU ELECTRIC MANUFACTURING CO., LTD.
报告号:	SGS SH553276/CHEM
Report number	SGS SH553276/CHEM
部品 No.16	安装座(外壳)
Part name No.16	BASE (ENCLOSURE)
型号:	HY15
Model:	HY15
生产商:	浙江科都电气制造有限公司
Vendor:	ZHEJIANG KEDU ELECTRIC MANUFACTURING CO., LTD.
报告号:	SGS SH553276/CHEM
Report number	SGS SH553276/CHEM
部品 No.17	滑体(活动板)

This Test Report is issued by the Company subject to its General Conditions of Service printed overleaf or attached. Said Conditions are also available upon request or are accessible at www.sgs.com. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies defined therein. The results shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained for 30 days only. This Test Report shall not be reproduced except in full, without written approval of the Company.

SHCHEM 481518

Survey Report

No. SH595707/ CHEM

Date: 12.29.2005

Page 5 of 9

Part name No.17 MOVABLE PART (MOVABLE PLATE)

型号: KJD17

Model: KJD17

生产商: 浙江科都电气制造有限公司

Vendor: ZHEJIANG KEDU ELECTRIC MANUFACTURING CO., LTD.

报告号: SGS SH546118/CHEM

Report number: SGS SH546118/CHEM

This Test Report is issued by the Company subject to its General Conditions of Service printed overleaf or attached. Said Conditions are also available upon request or are accessible at www.sgs.com. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies defined therein. The results shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained for 90 days only. This Test Report shall not be reproduced except in full, without written approval of the Company.

SHCHEM 481517

Survey Report

数据总结

Test Data Summary

No. SH595707/ CHEM

Date: 12.29.2005

Page 6 of 9

Test items	Lead (Pb)	Cadmium (Cd)	Mercury (Hg)	Chromium Cr(VI)	PBBs	PBDEs
Unit	ppm	ppm	ppm	ppm	ppm	ppm
Detection limit (MDL) in SGS	2	2	2	2	5	5
Part No.1 大压簧(拨杆压簧) BIG SPRING (MOVABLE POLE SPRING)	<5	<5	N.D.	N.D.	N.C.	N.C.
Part No.2 大压簧(滑板压簧) BIG SPRING (MOVABLE PLATE SPRING)	<5	<5	N.D.	N.D.	N.C.	N.C.
Part No.3 垫圈(钮子) RING (BUTTON)	4	N.D.	N.D.	N.D.	N.D.	N.D.
Part No.4 动触点 MOVABLE CONTACT	<5	20	N.D.	N.D.	N.C.	N.C.
Part No.5 动触点(静触点) MOVABLE CONTACT (STATIONARY CONTACT)	<5	20	N.D.	N.D.	N.C.	N.C.
Part No.6 钢珠 S Φ2.5 STEEL BALL S Φ2.5	N.D.	N.D.	N.D.	N.D.	N.C.	N.C.
Part No.7 右接线柱(开槽螺钉 M3.5×6) RIGHT PILLAR TERMINAL (SCREW M3.5×6)	39933	67	N.D.	N.D.	N.C.	N.C.
Part No.8 右接线柱(静触头接线柱) RIGHT PILLAR TERMINAL (CONNECTION PILLAR OF TERMINAL)	39933	67	N.D.	N.D.	N.C.	N.C.
Part No.9 右接线柱(支架接线柱) RIGHT PILLAR TERMINAL (CONNECTION PILLAR OF SUPPORT HOLDER)	39933	67	N.D.	N.D.	N.C.	N.C.

This Test Report is issued by the Company subject to its General Conditions of Service printed overleaf or attached. Said Conditions are also available upon request or are accessible at www.sgs.com. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies defined therein. The results shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained for 30 days only. This Test Report shall not be reproduced except in full, without written approval of the Company.

SHCHEM 481518

Part No.10	动触架(拨杆) LEVER HOLDER(MOVABLE POLE)	52	<5	N.D.	N.D.	N.C.	N.C.
Part No.11	动触架(右支架) LEVER HOLDER(RIGHT SUPPORT HOLDER)	52	<5	N.D.	N.D.	N.C.	N.C.
Part No.12	动触架(左支架) LEVER HOLDER(LEFT SUPPORT HOLDER)	52	<5	N.D.	N.D.	N.C.	N.C.
Part No.13	动触架(动触头) LEVER HOLDER(LEVER)	52	<5	N.D.	N.D.	N.C.	N.C.
Part No.14	动触架(静触头) LEVER HOLDER (TERMINAL)	52	<5	N.D.	N.D.	N.C.	N.C.
Part No.15	安装座 BASE(MOUNTING HOUSING)	13	N.D.	N.D.	N.D.	N.D.	9
Part No.16	安装座(外壳) BASE (ENCLOSURE)	13	N.D.	N.D.	N.D.	N.D.	9
Part No.17	滑体(活动 板)MOVABLE PART (MOVABLE PLATE)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

NOTE: (1) N.D. = Not detected (<MDL)
 (2) N.C. = Not conducted
 (3) ppm = mg/kg
 (4) Attachment is as follows

Disclaim :

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

*** End of Report ***

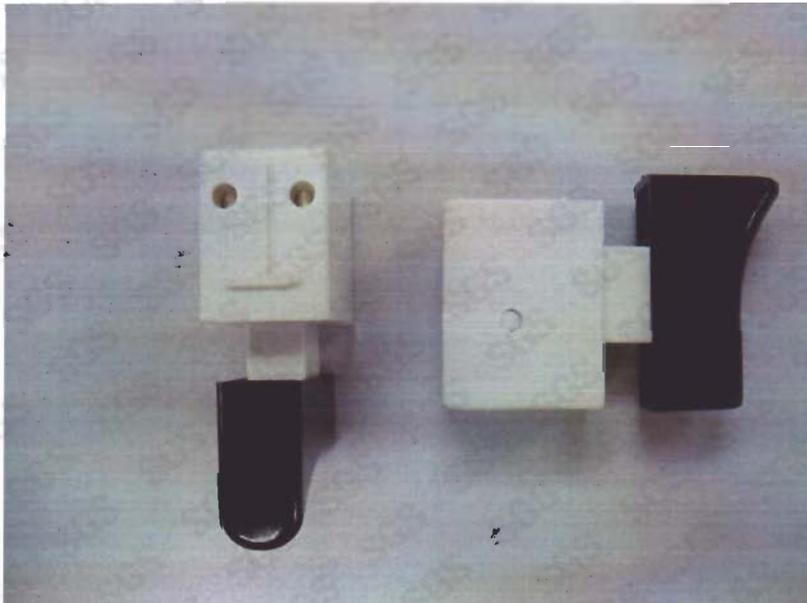
This Test Report is issued by the Company subject to its General Conditions of Service printed overleaf or attached. Said Conditions are also available upon request on our website at www.sgs.com. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies defined therein. The results shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained for 30 days only. This Test Report shall not be reproduced except in full, without written approval of the Company.

ATTACHMENT

HY12, HY12-9, HY12-9-2, HY12-9-3, HY12-9-4, HY12-9-5, HY15, HY15B, HY15C, HY16, HY17-XX, HY17-10, HY18(2018101101), HY18-17, HY17-18, HY18-XX, HY19, HY20, HY26, HY26B, HY27, HY27B, HY27C, HY28, HY28-2, HY28-3, HY28-21/22/23/24/25/26, HY29-14, HY29B, HY29C, HY29D, HY29E, HY29F, HY29G, HY29H, HY29I, HY29J, HY29K, HY29L, HY30, HY32, HY34, HY35, HY35-5, HY35B, HY35C, HY35D, HY35E, HY36, HY36B, HY36C, HY37, HY37B, HY37C, HY38, HY38B, HY38C, HY38D, HY38DB, HY38DC, HY38E, HY38EB, HY38EC, HY38F, HY38FB, HY38FC, HY38FD, HY38FDB, HY38G, HY38GB, HY38GC, HY38H, HY38J(2610916185), HY39, HY39-2, HY39-3, HY42, HY42B, HY42C, HY42D, HY42E, HY42F, HY42G, HY44, HY44B, HY44B-5, HY44BC, HY44C, HY44E, HY44EB, HY44EC, HY44F, HY44FB, HY44FC, HY44G, HY44GB, HY44GC, HY46, HY50, HY50B, HY50-11, HY50-17, HY51, HY51B, HY52, HY53, HY54, HY54B, HY55, HY56, HY57, HY57-5, HY57B, HY57B-3-2, HY58, HY58B, HY58C, HY6, HY60, HY60B, HY60C, HY60D, HY64, HY67, HY68, HY69, HY69-2, HY69-3, HY69-4, HY69-5, HY69-6, HY69-7, HY7, HY71, HY74, HY75, HY76, HY77, HY77-2, HY77-3, HY78, HY78-2, HY79, HY79B, HY79C, HY79E, HY79EB, HY79EC, HY80, HY80-2, HY80-3, HY81B, HY82, HY82-2, HY83B, HY84-4, HY85, HY87(1617200015), HY88, HY89, HY89-2, HY89-3, HY89-4, HY90, HY91, HY92, HY92-2, HY93, HY94C, HY98

This Test Report is issued by the Company subject to its General Conditions of Service printed overleaf or attached. Said Conditions are also available upon request or are accessible at www.sgs.com. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies defined therein. The results shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained for 30 days only. This Test Report shall not be reproduced except in full, without written approval of the Company.

Sample photo



This Test Report is issued by the Company subject to its General Conditions of Service printed overleaf or attached. Said Conditions are also available upon request or are accessible at www.sgs.com. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies defined therein. The results shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained for 90 days only. This Test Report shall not be reproduced except in full, without written approval of the Company.