



检测报告

TEST REPORT

报告编号 130163110082

REPORT NO.

产品名称 SJZ 型绝缘支撑件 (夹板) (橙色)

NAME OF SAMPLE

委托单位 乐清市海坦电气成套配件有限公司

CUSTOMER

受检单位 /

INSPECTED ENTITY

检测类别 委托检测

TEST CATEGORY

浙江方圆检测集团股份有限公司

ZHEJIANG FANGYUAN TEST GROUP CO., LTD.

浙江省低压电器产品质量检验中心

Inspection Center of Products' Quality of Low Voltage Electric Apparatus in Zhejiang Province

浙江省低压电器产品质量检验中心
INSPECTION CENTER OF PRODUCTS QUALITY OF LOW VOLTAGE
ELECTRIC APPARATUS IN ZHEJIANG PROVINCE

检测报告
TEST REPORT

样品名称 Name of Sample	SJZ 型绝缘支撑件 (夹板) (橙色)	检测类别 Test Category	委托检测
型号规格 Model 等级 Grade	10mm × 120mm /	商 标 Trademark	/
额定电流 Rated current	/	额定电压 Rated Voltage	AC380V
技术参数 Technical parameter	Icw: 30kA Ui:AC660V	材 质 Material	DMC
生产日期 Date of Manufacture	/	批号或编号 Serial No.	/
委托单位(客户) 名 称 Customer 地 址 Address	乐清市海坦电气成套配件 有限公司 温州市柳市前州工业区 南大桥路 19 号	受检单位 Inspected Entity	/
		生产单位 Manufacturer	乐清市海坦电气成套配件有 限公司
抽样者 Sampling Organization	/	抽样基数 Number of Samples	/
抽样地点 Sample Location	/	抽样数量 Number of Sample(s) for Inspection	/
抽样日期 Sampling Date	/	到样数量 Receiving Number of Sample(s)	3 件
送样者 Sample(s) Deliverer	乐清市海坦电气成套配件 有限公司	到样日期 Receiving Date of Sample(s)	2013 年 06 月 17 日
检测依据 Test Requirements	JB/T10316-2002 《低压成套开关设备和控制设备用母线架》		
样品描述、状态 Description and Condition of Sample(s)	适用检测		
检测日期 Test Date	2013 年 06 月 17 日 至 2013 年 06 月 18 日	检测地点 Test location	本实验室
检测结论 Test Summary	依据 JB/T10316-2002 《低压成套开关设备和控制设备用母线架》，对所送样品进行 检测，所检项目符合标准要求。 (盖章) Test Seal 批准日期: 2013 年 06 月 20 日 Date of Approval		
备 注 Remarks			

批 准:
Approved by

审 核:
Verified by

编 制:
Compose

[Handwritten signature]

[Handwritten signature: 王国忠]

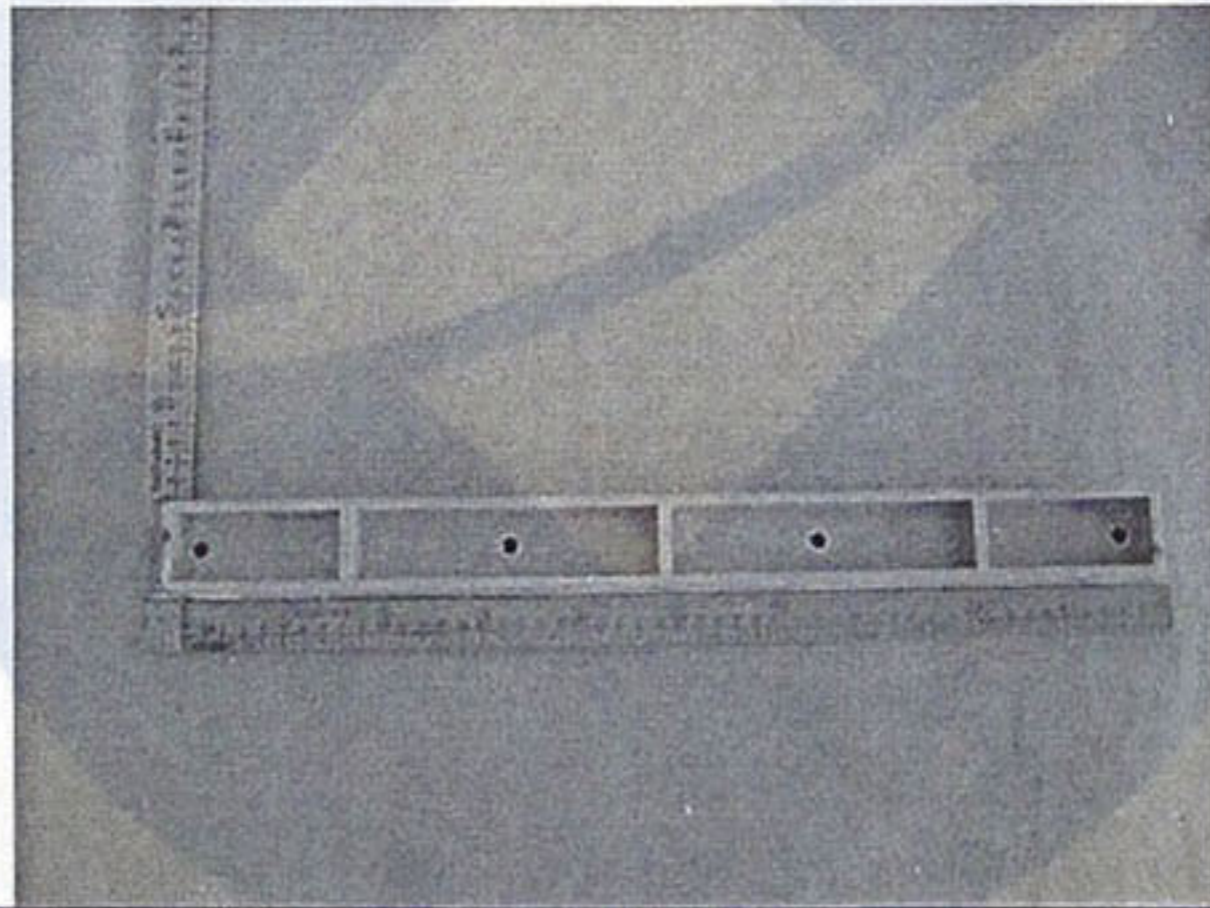
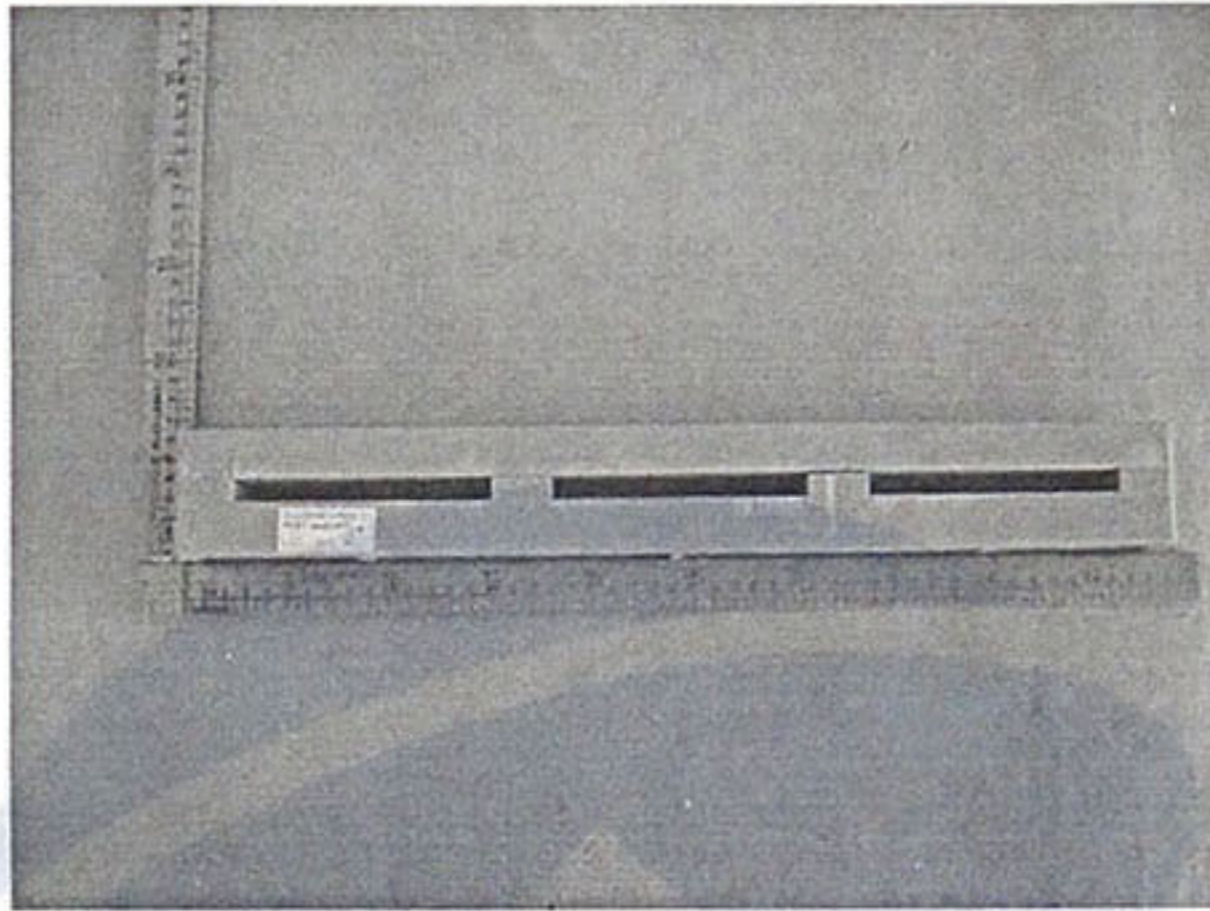
[Handwritten signature: 朱佳艳]



检测报告

TEST REPORT

样品外观及标识照片
(Photo and Nameplate of the Inspected Sample(s))



检测报告的其它说明
(Other Explanation of the Test Report)

检测 报 告

TEST REPORT

序号 Series Number	检测项目 Test Items	依据标准条款 Clause of standard	样品编号 Serial No. of samples	单项结论 Item Conclusion
1	介电性能试验	5.2.6	1#~3#	符合
2	短路耐受强度	5.2.8		符合
3	耐热性能	5.2.3	1#	符合
4	着火危险试验	5.2.2	2#	符合
	(以下空白)			
注: 本页中的试品编号和正文中的检测结果栏中 1#、2#、3# 号对应的检测物品编号为: 130163110082- 1#、130163110082- 2#、130163110082- 3# 号				

检测报告

TEST REPORT

条款	检测项目及检测要求	测量或观察结果			判定
		1#	2#	3#	
5.2.6	<p>介电性能试验</p> <p>(一) 冲击耐受电压 冲击电压: 7.4kV 1.2/50μs 冲击电压波 间隔时间: ≥ 1s 试验次数: 正负极性各 3 次 施压部位: 相与相之间; 相与安装件之间。</p> <p>(二) 工频耐受电压 试验电压: 2500V 施压时间: 1min 施压部位: 相与相之间; 相与安装件之间。</p>		7.4 10		符合
5.2.8	<p>短路耐受强度</p> <p>将绝缘支撑件固定在金属支架上 试验母排: 截面积: 10mm\times120mm 长度: 3L: 3m 试验电压: 1.05\times380V^{+5%} 试验电流(有效值/峰值): 30.0/63.0 kA^{+5%} I_p: max (kA) I²t: max (kA²s) 功率因数: 0.25_{0.05} 通电时间: 0.1s 试验次数: 3 次 (每次安装位置互易)。 试品不应有明显的损伤痕迹。 预期电流示波图编号: 示波图编号:</p>		10 \times 120 3 408 30.5/65.2 63.5 103 \times 10 ³ 0.22 112ms 3	无 无 无 Y130082001 S130082001~ S130082003	符合

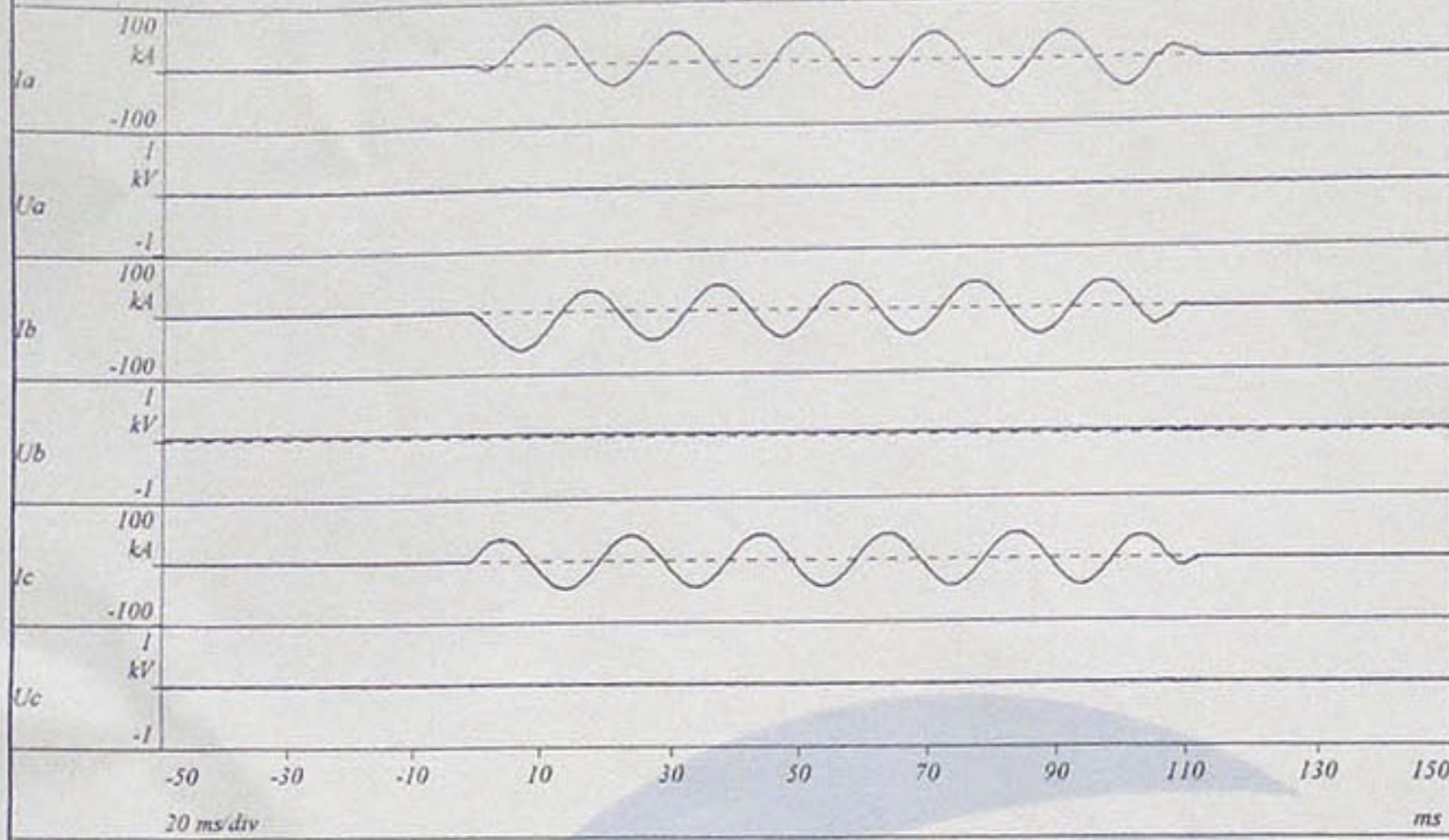
检测报告

TEST REPORT

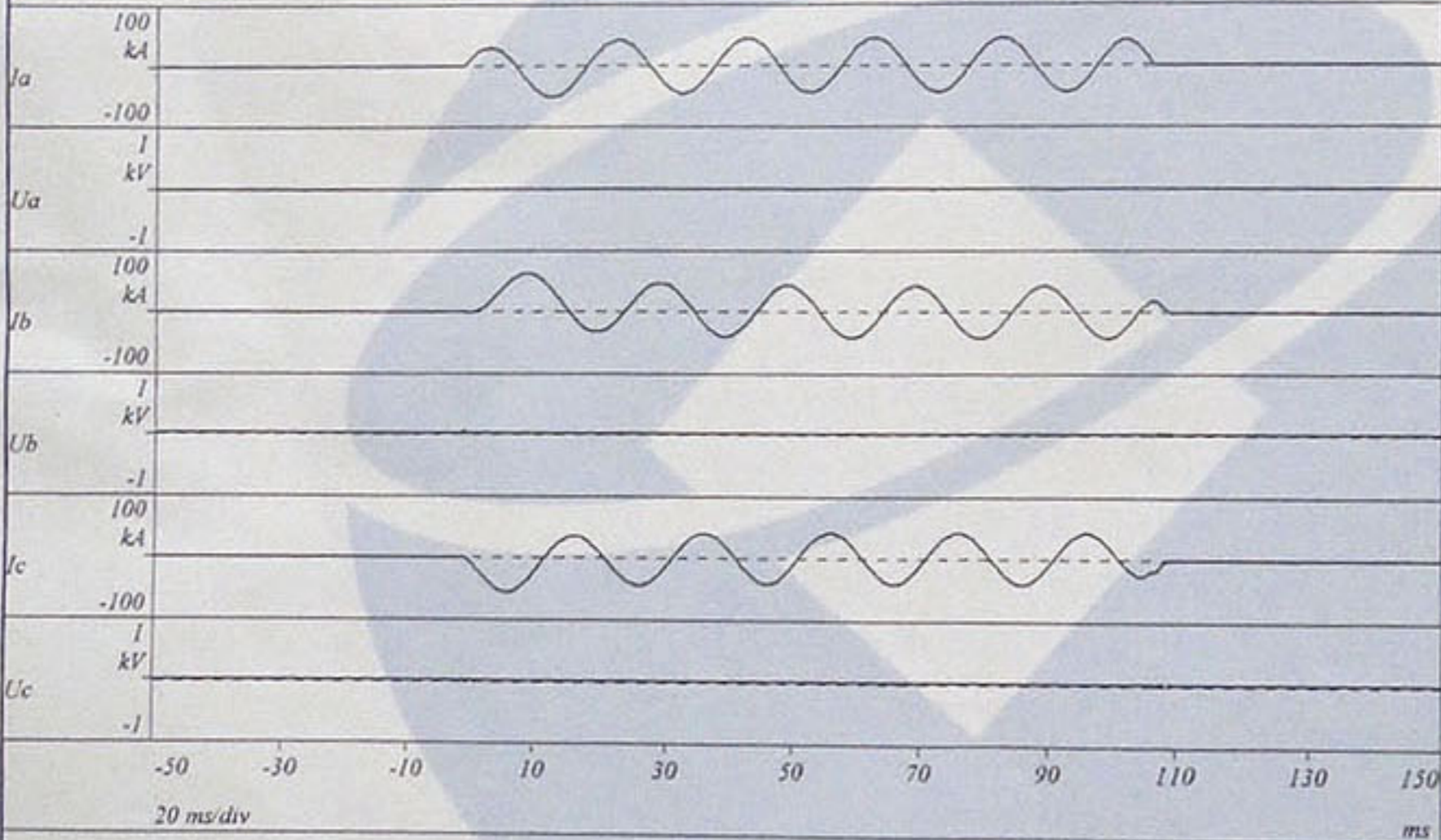
条款	检测项目及检测要求	测量或观察结果	判定
5.2.3	耐热性能 试品放置在一个钢架上,使其表面处于水平位置,以一个直径为 5mm 的钢球用 20N 的力进行球压试验,放在(125 ± 2)℃ 的加热箱中 1h + 2min 后,试品在 10s 内浸入 20℃ ± 5℃ 水中 6min ± 2min,压痕直径应不超过 2mm。	1#	符合
		125	
		1h 0.5	
5.2.2	着火危险试验 试样材料: DMC 试验温度: (960 ± 15)℃ 试验持续时间: (30 ± 1) s 有无可见的火焰 灼热丝移去后 30s 内样品火焰应熄灭 不应点燃绢纸或烧焦木板	2#	符合
		963 30 无 / 未点燃	

试验示波图

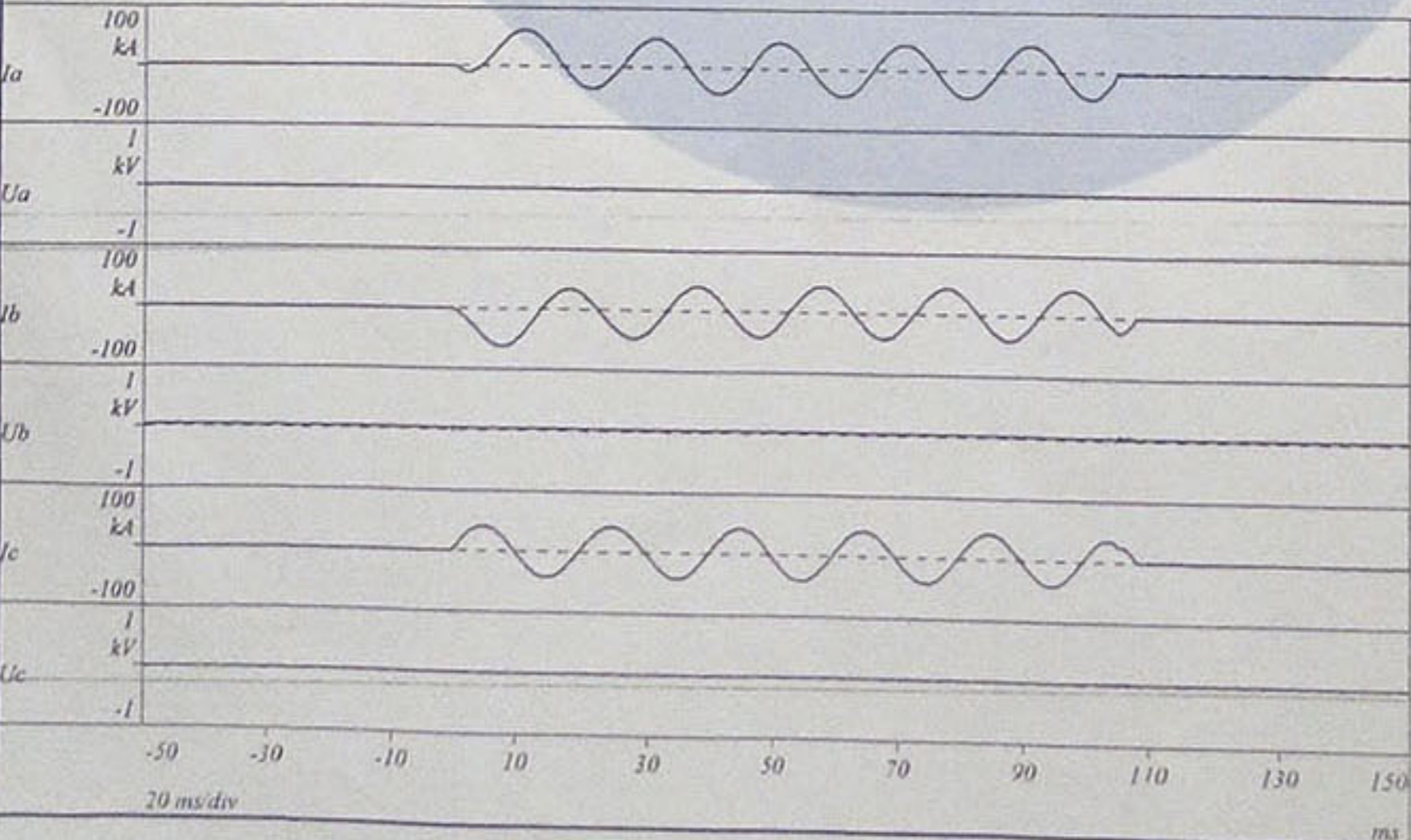
130163110082



380V
 $U = 408V$
 $I = 30.5kA$
 $\cos\phi = 0.22$
 1#2#3#
 I_{cw}
 $I_{p(a)} = 63.5 kA$
 $I_{p(b)} = 60.9 kA$
 $I_{p(c)} = 44.7 kA$
 $F_{t(a)} = 101. MA^2s$
 $F_{t(b)} = 103. MA^2s$
 $F_{t(c)} = 102. MA^2s$
 通断时间: 112. ms
 S130082001

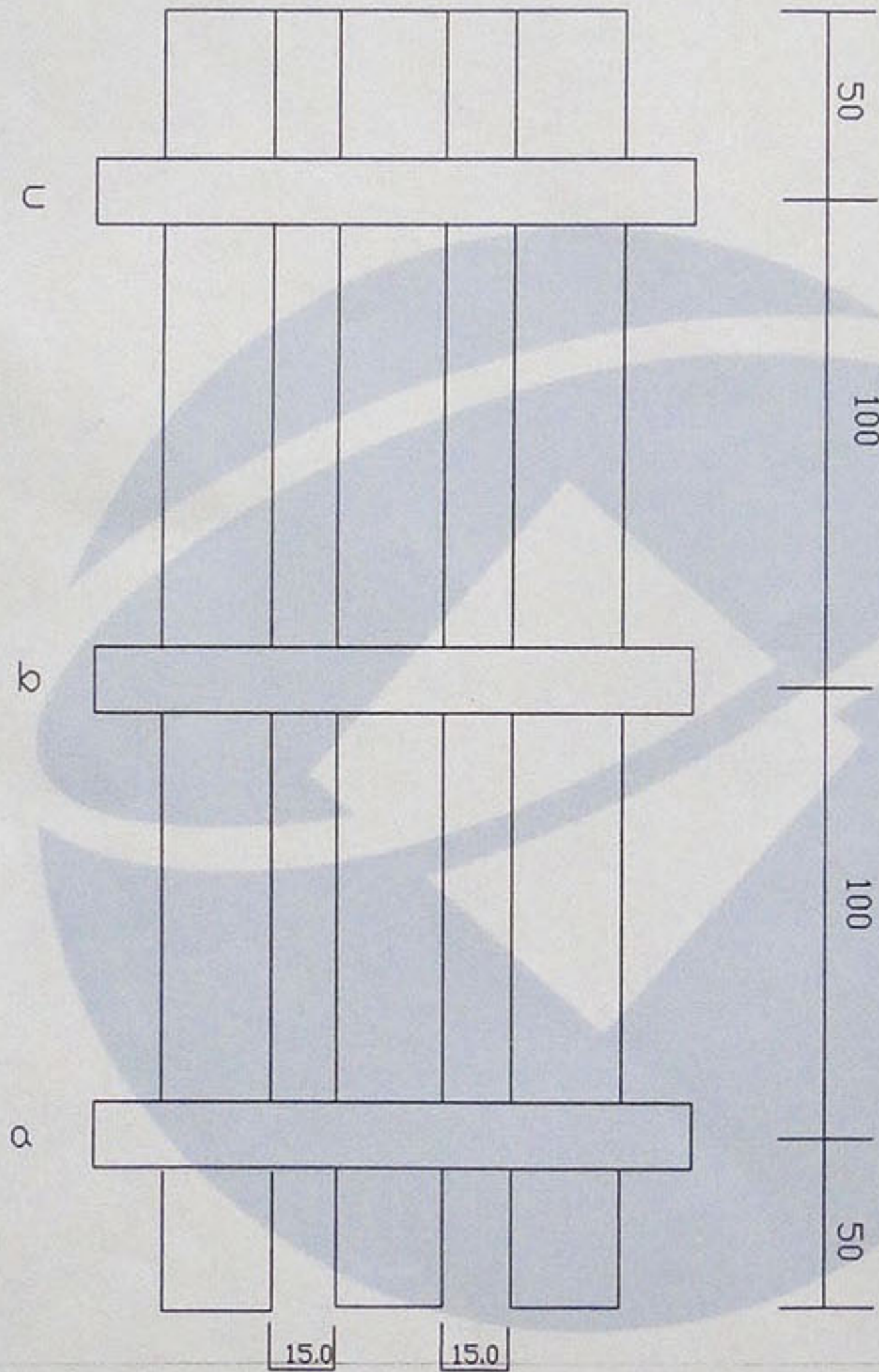


380V
 $U = 408V$
 $I = 30.5kA$
 $\cos\phi = 0.22$
 2#3#1#
 I_{cw}
 $I_{p(a)} = 51.5 kA$
 $I_{p(b)} = 63.2 kA$
 $I_{p(c)} = 55.8 kA$
 $F_{t(a)} = 103. MA^2s$
 $F_{t(b)} = 103. MA^2s$
 $F_{t(c)} = 100. MA^2s$
 通断时间: 109. ms
 S130082002



380V
 $U = 408V$
 $I = 30.5kA$
 $\cos\phi = 0.22$
 3#1#2#
 I_{cw}
 $I_{p(a)} = 61.6 kA$
 $I_{p(b)} = 63.1 kA$
 $I_{p(c)} = 44.9 kA$
 $F_{t(a)} = 100. MA^2s$
 $F_{t(b)} = 102. MA^2s$
 $F_{t(c)} = 101. MA^2s$
 通断时间: 108. ms
 S130082003

短路耐受强度试验试品安装示意图



长度单位: 厘米 (cm)

主要试验仪器设备清单

MAIN TEST APPARATUS LIST

序号	名称	型号	编号	本次使用 (√)
1	冲击耐压仪	GC-18	8344DA08A	√
2	工频耐压仪	NC-II	8049DB96A	√
3	温湿度记录仪	ZDR-F20	8337CB08A	√
4	数据采集系统	SATURN	8309CA07A	√
5	温湿度记录仪	ZDR-F20	8338CB08A	√
6	电热恒温鼓风干燥箱	DHG-9140A	8310DB07A	√
7	球压试验装置	20N	8046DB95B	√
8	读数显微镜	JC-10	8346CB08B	√
9	电子秒表	ST4610-2	8088CB07B	√
10	灼热丝试验仪	ZRS-JT	8311DA07A	√
11	照度计	1330A	8440CA09A	√

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机构简介

浙江省质量检测科学研究院是浙江省质量技术监督局直属事业单位，是国家质量监督检验检疫总局和浙江省质量技术监督局授权的专业从事产品质量检测、研究及技术服务的省级权威技术机构。1993年4月经浙江省机构编制委员会批准，在浙江省产品质量监督检验所和浙江省计量测试技术研究所的基础上，合并成立浙江省质量技术监督检测研究院。2012年2月经浙江省机构编制委员会办公室批准，浙江省质量技术监督检测研究院正式更名为浙江省质量检测科学研究院。浙江方圆检测集团股份有限公司是以浙江省质量检测科学研究院为主，按《公司法》发起设立的、具有独立法人资格的第三方公正检测机构。

机构下设六个职能部门、十二个检测部门和一个质量鉴定部，目前附设国家化学建材质量监督检验中心、国家皮革质量监督检验中心（浙江）、国家电器安全质量监督检验中心（浙江）三个国家级质量检验中心和浙江省电动车辆产品质量检验中心等五个省级质量检验中心；经国家人力资源和社会保障部批准，设立了博士后科研工作站；拥有机电CB实验室，是国内为数不多的CB实验室之一。

机构主要承担政府委托的各类产品质量监督检验、工业产品生产许可证检验、食品及食品相关产品QS检验；企业委托的国内强制性和自愿性产品认证检验，国际认证检验；社会各界委托的第三方检测，仲裁检验，质量鉴定，贸易验货；以及各类检测相关技术服务和人员培训等。

Introduction

Zhejiang Institute of Quality Inspection Science (briefly as "ZIQ") is a public organization directly affiliated to Zhejiang Bureau of Quality and Technical Supervision. It is a provincially authoritative technical organization specialized in products quality inspection, research and technical service, which is approved by General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China and Zhejiang Bureau of Quality and Technical Supervision. Composed by Zhejiang Test Institute Of Product Quality Supervision and Zhejiang Test Institute Of Metrology, its former body "Zhejiang Test Academy of Quality and Technical Supervision" was founded in April, 1993 and renamed "Zhejiang Institute of Quality Inspection Science" in February, 2012, both approved by Commission Office For Public Sector Reform Of Zhejiang Province. Zhejiang Fangyuan Test Group Co., Ltd. (briefly as "FYT"), which was founded by ZIQ according to state corporation law, is an impartial third-party inspection organization with independent legal person.

There are six management departments, twelve test departments and a product quality arbitration department in ZIQ, including three affiliated state centers for quality inspection (i.e. State Center of Supervision and Test for Chemical Building Materials, State Center of Supervision and Test for Electrical Safety (Zhejiang), and State Center of Quality Supervision and Test for Leather(Zhejiang)) and five affiliated provincial centers for quality inspection (such as Zhejiang Center of Quality Test for Electric Vehicle Products etc.). Additionally, a post-doctoral research station authorized by state human resource and social security department and a CB lab attached to electrical and mechanical test department are also included in ZIQ which is among few CB labs in China.

The Institute mainly undertakes a series of supervision and inspection test tasks for products quality such as test for industry manufacturing licenses, QS license test for food and related products, test for compulsory and voluntary certification of products in China, products quality evaluation for arbitral purpose, international trade validation and certification test, impartial third-party test entrusted by all round of society as well test related technical service, personnel training, and so on..



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浙江省安全技术质量检验中心
浙江省黄金珠宝饰品质量检验中心

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Zhejiang Center of Quality Test for Intelligence Technology
Zhejiang Center of Quality Test for Safety Technology
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业务范围: 皮革、毛皮、鞋类、纺织、箱包、皮革化工

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Affiliated Dep.: State Center of Quality Supervision and Test for Leather(Zhejiang)

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业务范围: 纺织与染化料

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声 明

- 一、本机构保证检测的公正性、独立性和诚实性，对检测的数据负责，对委托方所提供的检测样品保密和保护所有权。
- 二、本报告无编制、审核人签字(或签章)和批准人签字，或涂改，或未盖本机构红色检测专用印章无效。
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- 四、本机构接受的委托送检样品，本报告的检测数据和结果只对送检样品负责，样品的代表性由委托方负责。
- 五、本报告各页均为报告不可分割之部分，使用者单独抽出某些页导致误解或用于其它用途及由此造成的后果，本机构不负相应的法律责任。

DECLARATION

1. Our organization guarantees impartiality, independence and honesty of inspection, and is responsible for the results of inspection, keeping the samples supplied by the entrusting party confidential and at the same time protecting the ownership of the samples supplied.
2. The test report will be deemed invalid without signatures (or stamps) of the inspector/ reviewer and authorized personnel, and the red special inspection stamp of our organization.
3. If there is any dissent of the report, the entrusting party shall notify our organization timely. For the mandatory inspection given by governmental administration departments, any dissent about the sample being tested or test results on the report should be dealt with in accordance with national regulations.
4. The test results shown in this report is only applicable for the sample(s) supplied directly by the customer and accepted by the test organization, and the customer is responsible for the representative of the sample(s).
5. All the pages of the report are integral parts of the report. Our organization will not be responsible for any misunderstanding or other results caused by using separate page(s) of the report.

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- ◇ 国家质检总局授权的工业产品生产许可证发证检验
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- ◇ IECEE 授权的 CB 测试
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- ◇ 浙江省公安厅、省经信委指定的电动自行车上牌检验
- ◇ 浙江省建设厅授权的建设工程室内环境质量检测、建筑工程材料见证取样检测、建筑工程钢结构检测、建筑智能化系统检测、建筑节能检测
- ◇ 浙江省质量技术监督局指定、浙江省高级人民法院签约入册的产品质量鉴定机构

AUTHORIZED QUALIFICATION

- ◇ Test for production licensing of industrial products authorized by General Administration of Quality Supervision, Inspection and Quarantine of the P.R.C
- ◇ Test for production licensing of food, food related products and cosmetics authorized by General Administration of Quality Supervision, Inspection and Quarantine of the P.R.C
- ◇ Test for compulsory certification of products authorized by Certification and Accreditation Administration of P.R.C
- ◇ Test for voluntary certification of products authorized by more than 10 certification organizations like CQC,CCIC,CCLC, etc.
- ◇ CB test authorized by IECEE
- ◇ Test for international certification and EU directives conformity approval authorized by EU bulletin organizations like TUV,SGS,ITS,BV,IG,DNV, etc.
- ◇ Test for producing area environment of non-pollution farm products and products certification authorized by Ministry of Agriculture of P.R.C
- ◇ Test for safety protection engineering authorized by Ministry of Public Security of P.R.C
- ◇ Test for intelligence construction engineering authorized by the Branch of Intelligence Construction of China Construction Industry Association
- ◇ The only registered test institution in Zhejiang Province for software product authorized by State Conformance Test Center for Information Technology Standards
- ◇ Test for issuing license of electric bicycles appointed by Zhejiang Provincial Public Security and Zhejiang Economic and Information Technology Commission
- ◇ Test for indoor environmental quality, building material sampling, steel structure of construction engineering, building intelligent systems and energy-saving authorize by Construction Department of Zhejiang Province
- ◇ Product quality accreditation bodies appointed by Zhejiang Bureau of Quality and Technical Supervision, Approved by Higher People's Court in Zhejiang Province