

杭州微炫进出口有限公司

HANGZHOU WESHARE IMPORT & EXPORT CO.,LTD.

检验报告

Inspection report

DT1/3150ATransformer Bushing

NO.WT-23-0816

Page 1 of 4

Specimen : DT1/3150ATransformer Bushing

Manufacture : HANGZHOU WESHARE IMPORT&EXPORT CO.,LTD

Sample quantities: 6 units

Date of test : AUG.16,2023

Test Items

检验项目:	1. Visual Inspection	外观检验
	2. Verification of Dimensions and Distance Creepage	尺寸及爬电距离检查
	3. Routine Electrical Test	例行电气试验
	4. Thermal Shock Test	温度循环试验
	5. Porosity Test	孔隙性试验

Reference Standard:

参考标准: According to old IEC 233(1974) updated with new
IEC 62155 AD 1.0.2003

Test Results: After through the inspection of fire items according with the standards and conduct drawing, the samples are qualified.

Approved by:

批准 :

Audited by:

审核 :

Inspected by:

主检:

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检验报告

Inspection report

NO.WT-23-0816

Page 2 of 4

1. Visual Inspection

1# ~ 6# Sample are inspected according with IEC 62155 AD.1.0 2003 all are value glazed and free from imperfections,the mark is legible, they are constituted qualified.

2. Verification of Dimensions

(1) 尺寸检查

单位: mm

Inspect Items 检验项目	Requirements 技术要求	Samples No. 样品编号					
		1	2	3	4	5	6
Total Height 总高	$85 \pm {}^0_6$	80.9	81	80.8	81	81.9	81.9
Shell Diameter 伞径	$\phi 125$	125.1	125	126	125.2	125.8	126
Terrace Diameter 台径	$\phi 125$	125.2	125.5	124.8	125.1	125.9	126
Terrace Thickness 台厚	12 ± 1	12	12.5	12.6	12.3	12	12.2
Upper Inner Diameter 上端内径	$\phi 50 \pm {}^4_0$	52.8	52.3	53	52.7	52.3	52.6
Upper Hole Deepth 上孔深度							
Lower-Outer Diameter 下端外径 ²	$\phi 86 \pm {}^0_5$	82	82.5	82.1	81.5	82	83.5

The sampler are qualified according with the standard and product drawing.

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检验报告

Inspection report

NO.WT-23-0816

Page 3 of 4

(2) Verification of Distance Creepage

Inspect Items 检验项目	Requirements 技术要求	Samples No. 样品编号					
		1	2	3	4	5	6
Creepage Distance 爬电距离		55	56	55	55.6	55	55

The sample are qualified according with the standard and product drawing

(3) Routine Electrical Test

Sample No. 试品编号	Requirements 技术要求	Real Exert Voltage 实际施加电压	Continual Time 持续时间	Sample State 试品状况
1	Exert Voltage: 3kV Continual Time: 5 min 施加电压: 3kV 持续时间: 5 min	3kV	5min	No Puncture 未击穿
2				
3				
4				
5				
6				

The samples are qualified according with the standard and product drawing

(4) Thermal Shock Test

1# ~6# samples stay 30 min in each hot and cold bath, withstand three times cold-hot circle from 90 °C to 20 °C ,the range of temperature is 70 °C , they are qualified.

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检验报告

Inspection report

NO. WT-23-0816

Page 4 of 4

(5) Porosity Test

Sample No. 试品编号	Requirements 技术要求	Sample State 试品状况
1	No less than 20Mpa pressure, the product of pressure and time is 180Mpa • h, the ceramic pieces should be no permeation. 压力不低于 20MPa, 压力与时间的乘积等于 180MPa • h, 瓷块内应无渗透现象。	No Permeation 无渗透
2		No Permeation 无渗透
3		No Permeation 无渗透
4		No Permeation 无渗透
5		No Permeation 无渗透
6		No Permeation 无渗透

The samples are qualified according with the standard and product drawing

AUG.17,2023