

杭州微炫进出口有限公司

HANGZHOU WESHARE IMPORT & EXPORT CO.,LTD.

检验报告

Inspection report

20NF250Transformer Bushing

NO.WT-23-0817

Page 1 of 4

Specimen : 20NF250Transformer Bushing

Manufacture : HANGZHOU WESHARE IMPORT&EXPORT CO.,LTD

Sample quantities: 6 units

Date of test : AUG.17,2023

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.

检验结果: 该产品经 5 个项目的检验, 检测结果均符合标准和产品图样
规定, 合格。

Approved by:

批准 :

Audited by:

审核 :

Inspected by:

主检:

杭州微炫进出口有限公司

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检验报告

Inspection report

NO.WT-23-0817

Page 2 of 4

1. Visual Inspection 外观检查

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	385 ± 10	385.6	386.9	386	388	383	387.5
Shell Diameter 伞径	$\phi 155 \pm 6$	156.8	157	156.5	158	154.5	156
Terrace Diameter 台径	$\phi 111 \text{MAX}$	108.5	107.5	108.3	109.2	108.8	108.2
Terrace Thickness 台厚	25 ± 1.5	26.2	25.8	26.1	25.3	25.5	26.1
Upper Inner Diameter 上端内径	$\phi 15 \pm 1$	14.7	14.3	14.6	14.8	14.6	14.9
Upper Hole Deepth 上孔深度	35 ± 1.5	35.6	35.2	35	35.1	34.4	34.8
Lower-Outer Diameter 下端外径 ²	$\phi 70 \pm 3$	68.7	68.9	69.2	68.9	69.1.3	69.1

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

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检验报告

Inspection report

NO.WT-23-0817

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 Diantance 爬电距离	450	460	468	469	461	410	468.5

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: 30kV Continual Time: 5 min 施加电压: 30kV 持续时间: 5 min	30kV	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-23-0817

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.18,2023