

**INSPECTION REPORT**

Report number 70450007-TDT 04-42066A  
Client SVET.CTQC  
Shenyang Hunnan New & High-Tech. Industrial  
Development Zone  
Shenyang 110179  
China  
Reference Trust testing  
Concerning routine, type and special tests  
Date between January 5 and January 10, 2004  
Place Shenyang, China  
Object Power Transformer 1600 kVA  
Manufacturer Hangzhou Qianjiang Electric Group Co., Ltd.

**REQUIREMENTS**

Requirements as specified in the standards IEC 60076-1, IEC 60076-2, IEC 60076-3, IEC 60076-5 and IEC 60076-10.

**TEST PROGRAMME**

The programme was specified by the client.  
For the programme we refer to page 3.

**SUMMARY AND CONCLUSION**

The results obtained relate only to the work ordered and to the material tested.  
On the points examined, the requirements specified for the material tested were met.

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KEMA Nederland B.V.

This B-report consists of:  
17 pages  
4 annexes  
1 appendix (31 pages)

  
A.J.G. Klomp  
KEMA T&D Testing Services

Arnhem, May 14, 2004

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**MATERIAL DATA**

Manufacturer	Hangzhou Qianjiang Electric Group Co., Ltd.
Type	S11-1600/10
Serial number	0307510001
Rated power	1600 kVA
Rated voltages	10 / 0.4 kV
Rated current	92.4/2309.4 A
Rated frequency	50 Hz
Number of phases	3
Tapping range	+5%, -5%
Number of steps/ tapping step	3 / 5%
Vector group	Yyn0
Cooling method	ONAN
Temperature class of insulation	A
Insulation levels	H.V. LI/LIC/AC – 75 / 85 / 35 kV L.V. AC – 5 kV
Short-circuit impedance	4.5%
Total mass	4680 kg

**TEST OBJECT IDENTIFICATION**

The test object was identified by checking the rating plate and the serial number.

During the untanking operation the test object was checked with the drawings enclosed in the SVET.CTQC report number CTQC/B-04.001.

The SVET.CTQC test report regarding tests, oscillograms, curves, lists of test equipments, test circuits and manufacturer drawings are enclosed in this report as appendix A.

