

NEIC®



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中国认可
国际互认
检测
TESTING
CNAS L0107



(2018)国认监认字(418)号

检 验 报 告

TEST REPORT

Specimen: Oil - immersed power transformer

Model: SZ11-10000/35

Consignor: TSTY Electric Co., Ltd



国家高低压电器质量监督检验中心

National High-low Voltage Electrical Apparatus Quality Supervision and Inspection Center

甘肃电器科学研究所

Gansu Electric Apparatus Research Institute

NEIC	Test Report	Application No.: WG19121035
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Test conclusion

Specimen: SZ11-10000/35 Oil - immersed power transformer
 Consignor: TSTY Electric Co., Ltd
 Consignor address: Factory Address: Industry cluster district, Jiaxian, Pingdingshan City, Henan Province, China
 Manufacturer:: TSTY Electric Co., Ltd
 Manufactureraddress: Factory Address: Industry cluster district, Jiaxian, Pingdingshan City, Henan Province, China

Test items:

- Insulating fluid test (routine)
- Winding insulation resistance measurement between winding to ground and winding (routine)
- Voltage ratio measurement and junction group label verification (routine)
- Winding resistance measurement (routine)
- Insulation routine test (routine)
- No-load loss and no-load current measurement (routine)
- No load loss and no load loss current measurement under 90% and 110% of rated voltage (type)
- Short circuit impedance and load loss measurement (routine)
- Liquid immersed transformer pressure seal test (routine)
- Temperature rise test (type)
- Short-time overload capacity test (type)
- Transformer pressure deformation test (special)
- Fuel tank cracking test (special)
- Three-phase transformer zero-sequence impedance measurement (special)
- No-load current harmonic measurement (commissioned)
- Lightning impulse test (type)
- Sound level measurement (type)

Test Basis:

- GB/T1094.1-2013 *Power transformers—Part 1:General*
- GB/T1094.2-2013 *Power transformers—Part 2:Temperature rise for liquid-immersed transformers*
- GB/T1094.3-2017 *Power transformers—Part 3:Insulation levels, dielectric tests and external clearances in air*
- GB/T1094.10-2003 *Power transformers—Part 10: Determination of sound levels*
- GB/T6451-2015 *Specification and technical requirements for oil-immersed power transformers*
- IEC 60076-1:2011 *Power transformers - Part 1: General*
- IEC 60076-2:2011 *Power transformers - Part 2: Temperature rise for liquid-immersed transformers*
- IEC 60076-3-2013 *Power transformers - Part 3: Insulation levels, dielectric tests and external clearances in air*
- IEC 60076-10:2001 *Power transformers - Part 10: Determination of sound levels*

Test Conclusion:

The test results of all items comply with regulations of test standards and technical documents; the relevant performances of the specimen are qualified

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Signature: Na Yan	Signature: Wang Yan	Signature: Liu Yan	Signature: Hu Xinming
Date: Jan. 2, 2020	Date: Jan. 2, 2020	Date: Jan 2, 2020	Date: Jan 2, 2020