

CEEG Group Website: www.ceegtransformer.com www.ceegelectric.com



CEEG Transformer Co., Ltd

QUALIFICATION DOCUMENTS



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实验室名称: 国家电器产品质量监督检验中心
Lab Name: China National Center for Quality Supervision
and Test of Electrical Apparatus Products

No 20M0561-S

型式试验报告 Type Test Report

委托单位: China Electric Equipment (Jiangsu) Transformer
Manufacturing Co., Ltd

Client:

产品名称: Power transformer

Name of Product:

产品型号: SZ11-63000/110

Product Type:

检验类别: Commission test

Test Category:

本实验室对出具的检验(试验)结果负责, 未经实验室书面同意,
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The laboratory is responsible for the inspection (Test) results. The report shall
not be reproduced except in full, written approval of the laboratory.



DQJC

China National Center for Quality Supervision and Test of Electrical Apparatus Products
Test Report

№: 20M0561-S

Total 68 Page 01

Client	China Electric Equipment (Jiangsu) Transformer Manufacturing Co., Ltd	Test category	Commission test
Manufacturer	China Electric Equipment (Jiangsu) Transformer Manufacturing Co., Ltd	Date of sample receiving	Mar. 21, 2020
Name of sample	Power transformer	Type of sample	SZ11-63000/110
Address of manufacturer	No.188 Zhongdian Road, Yangzhong, Zhenjiang City, Jiangsu Province, China	Original number or date of production	ZD202003856
Date of test	From Apr. 09, 2020 to Apr. 22, 2020	Number of sample	1 set
Test items	Routine test Type test (including calculation of the winding hot-spot temperature-rise) Measurement of bushing capacitances and dielectric dissipation factor ($\tan\delta$) Measurement of zero-sequence impedances on three-phase transformers Measurement of the harmonics of the no-load current Measurement of frequency response Measurement of no-load excitation characteristics Long-duration no-load test Measurement of short-circuit impedance on LV Short-circuit withstand test	Test standards	GB/T 1094.1—2013 GB/T 1094.2—2013 GB/T 1094.3—2017 GB/T 1094.5—2008 GB/T 1094.10—2003 GB/T 6451—2015 GB/T 7595—2017 JB/T 10088—2016 IEC 60076-1:2011 IEC 60076-2:2011 IEC 60076-3:2013+AMD1:2018 IEC 60076-5:2006 IEC 60076-10:2016 Commission requirements
Test conclusion	The test results of routine test, type test (including calculation of the winding hot-spot temperature-rise), measurement of bushing capacitances and dielectric dissipation factor ($\tan\delta$), measurement of zero-sequence impedances on three-phase transformers, measurement of the harmonics of the no-load current, measurement of frequency response, measurement of no-load excitation characteristics, long-duration no-load test, measurement of short-circuit impedance on LV and short-circuit withstand test of power transformer (type SZ11-63000/110) are in accordance with test standards and commission requirements. The sample has passed the above tests.		
Remarks	Note: the conclusion is valid only for the inspected and tested sample. (1)		

Compiled by: 袁小勇 Proofread by: 刘子平 Checked by: 邵彦芳 Approved by: 李明晋 (11)

SJJJ-YB001



Certificate of Compliance

Certificate Number:
UL-CA-2424644-0

Report Reference:
E539810-20240814

Issue Date:
2024-08-26

Issued to:

China Electric Equipment (Jiangsu) Transformer Manufacture Co., Ltd.
No. 188 Ganglong Road, Yangzhong Zhenjiang, Jiangsu 212215 China

This certificate confirms that representative samples of:
XPLH7 - Transformers, Distribution, Liquid-filled Type, Over 750 Volts Certified for Canada

See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the Standard(s) indicated on this Certificate.

CSA C2.1-06, 1st Ed., Issue Date: 2006-03-01, Revision Date: 2007-02-01

Additional Information:
See UL Product iQ® at <https://iq.ulprospector.com> for additional information.

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.


David Piecuch
UL Mark Certification Program Manager

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact UL Solutions Customer Service at <https://www.ul.com/contact-us>.

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Form-ULID-013925-CoCa – ver 1.0

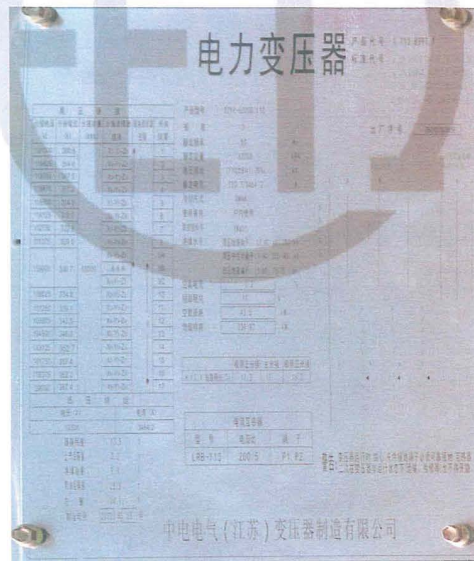
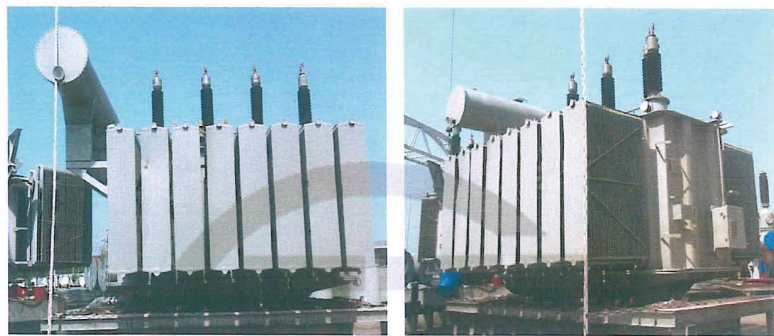
DQJC

Test Report

China National Center for Quality Supervision and
Test of Electrical Apparatus Products

№: 20M0561-S
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Photos of the sample



SJJJ-YB003

(11)

Certificate of Appointment

No. UA 50634363-0001

The Applicant

**China Electric Equipment (Jiangsu)
Transformer Manufacture Co.,Ltd.
No. 188 Ganglong Road, Yangzhong,
Zhenjiang,
212215 Jiangsu
P.R. China**

has been authorized to carry out testing by the order
and under supervision of TÜV Rheinland
according to

IEC 60076-1:2011/EN 60076-1:2011, IEC 60076-2:2011/EN 60076-2:2011
IEC 60076-3:2013/AMD1:2018/EN 60076-3:2013/A1:2018
IEC 60076-4:2002/EN 60076-4:2002, IEC 60076-7:2018/IEC 60076-12:2008
IEC 60076-10:2016/EN 60076-10:2016, IEC 60076-11:2018/EN IEC60076-11:2018
IEC 60156:2018/IEC 60247:2004/IEC 60475:2022

An audit of the laboratory was conducted according to the applicable clauses of
ISO/IEC 17025 by a TÜV Rheinland auditor.

Audit Report No. CN24FGJ1 - 001

This certificate is valid from 06 June 2025 until 05 June 2026.

Date of issue: 25 June 2024

TÜV Rheinland (China) Ltd.
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Certification Body

Yang Yongming

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REPUBLIQUE GABONAISE
REPUBLIC OF GABON

Certificat de Conformité
Certificate of Conformity



Demande de service No. : CN245175-1-A
(Service request number)

Certificat No. : GAB-COC22-002104-V0
(Certificate N°)

Date d'émission : 01/09/2022
(Issue date)

Page : 1 of 3

Final Version Watermark

Nous, Coteona Inspection, certifions que les produits mentionnés ci-dessous ont été soumis au processus de l'évaluation de la conformité aux normes nationales, régionales ou internationales en vigueur en République Gabonaise. L'évaluation de la conformité conduite par nos services se fait dans le respect des principes établis par le code de pratiques Conseil des entreprises d'essais, d'inspection et de certification (TIC Council).

(We, Coteona Inspection, certify that the products mentioned below were subjected to the process of Conformity Assessment with national, regional or international standards in force in the Gabonese Republic. The conformity assessment conducted by us is in compliance with the principles established by the Code of practices of the Testing, Inspection and Certification companies Council (TIC Council).)

Importateur :  (Importer)	Exportateur : CEEG Nanjing Transmission & Distribution Equipment Co., Ltd. (Exporter)
Adresse :  (Address)	Adresse : No. 6 Shuige Road, Nanjing, JIANGSU, China (Address)
Tel. No. :  (Tel. No.)	Tel. No. : 86-137076570693 (Tel. No.)
Fax No. :	Fax No. :
Email :  (Email)	Email : qianjin@ceegenergy.com (Email)
Pays d'évaluation de la conformité : China (Country of Conformity Assessment)	Site d'arrivée :  (Port of Arrival)
Valeur FOB déclarée sur la facture :  (FOB Value declared on the invoice)	Facture No. : CEEG06C20220022 (Invoice No.)
Montant de la facture :  (Invoice amount)	Date de facture : 22/08/2022 (Invoice Date)

Code douanier déclaré (HS Code)	Quantité (Quantity)	Unité (Unit)	Description des Produits (Products Description) (modèle, caractéristiques, marque : model, characteristics, brand)	Route A, B OU C	Norme applicable (Standard Reference)
8504231100	1	Set	Power transformer, CEEG, SFZ-1500063	Route A	IEC 60076-1:2011, IEC 60076-2:2011, IEC 60076-3:2013, IEC 60076-5:2006

Remarques (Remarks) : An exceptional procedure related to digital remote inspection has been followed due to Covid-19 restrictions of travel. The inspection was performed remotely on the basis of video, pictures and data provided by the Client.

Signature Autorisée et Cachet (Authorized Signature and Stamp) :

Signature :  Doris He
(Signature)

Pour l'organisme d'évaluation : Coteona Sino-Swiss
Bureau d'émission :
(Issuing Office)



Ce certificat n'est valide que pour les produits qui y sont mentionnés et pour une seule et unique cargaison. Ce document est émis dans le cadre du Programme Gabonais d'évaluation de la Conformité (PROGEC), pour le compte de l'Agence Gabonaise de Normalisation (AGANOR), et n'est valide que pour une période de trois (3) mois suivant sa date d'émission, sauf inspection du produit. Cette durée pourra cependant être prolongée en cas de force majeure. Ce certificat ne dispense ni le vendeur ni l'acheteur de leurs obligations respectives, mutuelles et contractuelles par rapport à la qualité et à la quantité des marchandises livrées. La responsabilité de l'acheteur de ce certificat se limite aux termes et conditions de l'avis qui l'a émis, sans être. Le fournisseur de services n'engage pas le Fournisseur de service. Ce document ne sert pas à l'exportation, il a été émis sur la base de l'information fournie au Fournisseur de service dans le pays d'exportation. En dépit de ce certificat, AGANOR et les autorités gabonaises se réservent le droit d'effectuer une vérification de la cargaison à son arrivée au Gabon, et de la reporter le cas échéant.

This certificate is only valid for products that are mentioned and a single cargo. This document is issued in the Gabonese Program Conformity Assessment and on behalf of the Gabonese Agency.

1 REC-C&C-001 Version : N°01 Date de première mise en application de la version : 06/10/2020



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70855011-TOT 08-65952A

MATERIAL DATA

Manufacturer	China Electric Equipment Group Co., Ltd.
Type	SCB10-1000/11
Serial number	20080331258
Rated power	1000 kVA
Rated voltages	11/0.4 kV
Rated current	52.5/1443 A
Rated frequency	50 Hz
Number of phases	3
Tapping range	+7.5%, -7.5%
Number of steps/ tapping step	7/ 2.5%
Vector group	Dyn11
Cooling method	AN
Temperature class of insulation	F
Insulation levels	HV-winding LI/AC – 75/35 kV LV-winding AC – 5 kV
Short-circuit impedance	6.0%
Total mass	3060 kg
Environmental class	E2
Climatic class	C2
Fire behaviour class	F1

TEST OBJECT IDENTIFICATION

The test object was identified by checking the rating plate and the serial number.
The test object was checked with the drawings enclosed in the STI.CTQC report number CTQC/B-08.207.
The STI.CTQC test report regarding tests, oscillograms, curves, lists of test equipments, test circuits and manufacturer drawings are enclosed in this report as annex E.

