



財團法人全國認證基金會  
Taiwan Accreditation Foundation

**Certificate of Accreditation**  
(Certificate No : L2369-240604)

This is to certify that

**LONG-LITE IND. ENG. CO., LTD.**  
**LONG-LITE TEST LABORATORY**

No. 4, Kaifa 1st Rd., Rende Dist., Tainan City 717, Taiwan (R.O.C.)

**is accredited in respect of laboratory**

**Accreditation Criteria** : ISO/IEC 17025:2017 ; CNS 17025:2018

**Accreditation Number** : 2369

**Originally Accredited** : January 13, 2012

**Effective Period** : June 04, 2024 to June 03, 2027

**Accredited Scope** : Testing Field, see described in the Appendix



Scan to verify

*Yi-Ling Chen*

Yi-Ling Chen  
President, Taiwan Accreditation Foundation  
June 04, 2024

Accreditation Number : 2369

Laboratory Head : CHIU, Chien-Pao

31. 08 Electrical power equipment

High-voltage switchboard

E006

- a. Design and visual checks
- b. Dielectric tests on the main circuit & auxiliary and control circuits
- c. Measurement of the resistance of the main circuit
- d. Mechanical operating tests
- e. Verification of the correct wiring and functional tests (Tests of auxiliary electrical devices / Tests on auxiliary and control circuits )
- f. Temperature-rise tests

CNS 3990 (1995) ;

CNS 3991 (1995) ;

CNS 3994 (1985) ;

CNS 3995 (1985) ;

IEC 62271-1 (2017) ;

IEC 62271-200 (2011) ;

CNS 15156-1 (2013) ;

CNS 15156-200 (2011) ;

IEC 62271-200 (2021) ;

CNS 15156-200 (2022)

3  $\phi$ , 24 kV max., 1250 A max., 60 Hz

Approval Signatory: CHIU, Chien-Pao; CHEN, Kuo-Chen; JENG, Ming-Yu

31. 12 Electrical power equipment

Low-voltage switchgear and controlgear assemblies (Routine verification)

E007

a. Construction verification:

1. Degree of protection of enclosures (Except for Protection against mechanical impact test)

2. Clearances and creepage distances

3. Protection against electric shock and integrity of protective circuits

4. Incorporation of built-in components

5. Internal electrical circuits and connections

6. Terminals for external conductors

7. Mechanical operation

b. Performance:

1. Dielectric properties (Only applies to Power-frequency withstand voltage test) including dielectric resistance verification

2. Wiring, operational performance and function

IEC 61439-1

IEC 61439-2

CNS 15783-1

CNS 61439-2

1  $\phi$ , AC 480 V max., 6000 A max., 60 Hz

3  $\phi$ , AC 480 V max., 1500 A max., 60 Hz

Approval Signatory: CHIU, Chien-Pao; CHEN, Kuo-Chen; JENG, Ming-Yu

P2, total 3 pages

The Appendix forms an integral part of this Certificate, which shall be invalid when use without the Appendix



31. 12 Electrical power equipment

Low-voltage switchboard

E007

- a. Inspection and checking of details of the Constructor
- b. Mechanical operation tests
- c. Test of operating procedure
- d. Dielectric test on the main circuit and auxiliary circuit
- e. Dielectric resistance tests
- f. Temperature-rise tests

CNS 13542

CNS 13543

CNS 3988 (Only for Voltage-resistant test)

1  $\phi$ , 480 V max., 6000 A max., 60 Hz

3  $\phi$ , 480 V max., 1500 A max., 60 Hz

Approval Signatory: CHIU, Chien-Pao; CHEN, Kuo-Chen; JENG, Ming-Yu

31. 99 Electrical power equipment

Low-voltage motor control centers

E007

- a. Inspection and checking of details of the Constructor
- b. Dielectric test on the main circuit and auxiliary circuit
- c. Test of operating procedure
- d. Dielectric resistance tests

CNS 3988

CNS 3989

3  $\phi$ , 600 V max., 1600 A max., 60 Hz

Approval Signatory: CHIU, Chien-Pao; CHEN, Kuo-Chen; JENG, Ming-Yu

(Null below)

