



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

Certificate of Accreditation

(Certificate No : L2259-260714)

This is to certify that

Fortune Electric Co.,Ltd

Fortune Electric Power Division Test Laboratory

No.33, Jingjian 2nd Rd., Guanyin Dist., Taoyuan City 328, Taiwan (R.O.C.)

is accredited in respect of laboratory

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

Accreditation Number : 2259

Originally Accredited : December 29, 2010

Effective Period : July 17, 2026 to July 16, 2029

Accredited Scope : Testing Field, see described in the Appendix



Scan to verify

Yi-Ling Chen

Yi-Ling Chen
President, Taiwan Accreditation Foundation
July 14, 2026

Accreditation Number : 2259

Laboratory Head : TENG, Chien-Hua

■ 04. 10 Petroleum and Related Materials

Electrical Insulating Oil

C076 Analysis of Gas Dissolved in Electrical Insulating Oil

ASTM D3612 method C (2017)

IEC 60567 (Sec.8.5 & 9) (2023)

O₂: (1, 000 to 30, 000) ppmV (μmol/mol)

N₂: (3, 000 to 100, 000) ppmV (μmol/mol)

H₂: (5 to 15, 000) ppmV (μmol/mol)

CH₄: (1 to 3, 000) ppmV (μmol/mol)

CO: (25 to 2, 000) ppmV (μmol/mol)

CO₂: (50 to 20, 000) ppmV (μmol/mol)

C₂H₂: (1 to 2, 000) ppmV (μmol/mol)

C₂H₄: (1 to 2, 000) ppmV (μmol/mol)

C₂H₆: (1 to 2, 000) ppmV (μmol/mol)

Approval Signatory: LIN, Yu-Wen

■ 31. 02 Electrical power equipment

Power & Distribution Transformer

E006

1.Measurement of winding resistance

2.Measurement of voltage ratio and Polarity and phase-relation test

3.Measurement of short-circuit impedance and load loss

4.Measurement of no-load loss and excitation current

5.Separate source AC withstand Voltage test

6.Induced voltage test

7. Partial discharge test

8.Lightning impulse test

9.Temperature rise test

10.Audible sound-level measurement

IEEE Std C57.12.00 (2006)

IEEE Std C57.12.00 (2010)

IEEE Std C57.12.00 (2015)

IEEE Std C57.12.90 (2006)

IEEE Std C57.12.90 (2010)

IEEE Std C57.12.90 (2015)

IEC 60076-1 (2000)

IEC 60076-1 (2011)

IEC 60076-2 (1993)

IEC 60076-2 (2011)

IEC 60076-3 (2000)

IEC 60076-3 (2013)

IEC 60076-10 (2001)

IEC 60076-10 (2016)

3 Ø, 345 kV Max., 650 MVA Max., 60 Hz

1 Ø, 345 kV/√3 Max, 167 MVA Max, 60 Hz

Approval Signatory: HUANG, Kuo-Hua

(Null below)

P2, total 2 pages

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

