



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

Certificate of Accreditation

(Certificate No : L2624-230627)

This is to certify that

Taiwan Testing and Certification Center Product Safety Testing Laboratory

No.8, Lane 29, Wenming Rd., Guishan Dist, Taoyuan City, 33383, Taiwan R.O.C

is accredited in respect of laboratory

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

Accreditation Number : 2624

Originally Accredited : October 22, 2012

Effective Period : February 22, 2022 to October 21, 2024

Accredited Scope : Testing Field, see described in the Appendix
Accreditation Program for Designated Testing Laboratory
for Commodities Inspection,
Accreditation Program for Environmental protection
product certification Testing Laboratory,
Specific Accreditation : Accreditation Program for BSMI Mutual Recognition
Program : Arrangement with Foreign Authorities,
Accreditation Program for Energy Efficiency testing
Laboratory,
Accreditation Program for Laboratory of U.S. EPA
ENERGY STAR



Scan to verify

P1, total 75 pages

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

Ching-Chang Lien

Ching-Chang Lien
President, Taiwan Accreditation Foundation
June 27, 2023

Accreditation Number : 2624

Laboratory Head : LIN, Vincent

■ 15. 03 Medical Devices

Endoscopic equipment

E001 Safety

IEC 60601-2-18

EN 60601-2-18

1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz, 60 Vdc max., 5 A max., IP68 max.

3 ϕ , 440 V max., 50 Hz to 60 Hz, 50 A max.

Approval Signatory: PENG, Vicky; PAN, Andre; PAN, Jason

Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist, Taoyuan City, 33383, Taiwan

R.O.C; 2.No.8, Lane 29, Wenming Rd, Guishan Shiang Dist, Taoyuan City, 33383, Taiwan, R.O.C.

■ 15. 03 Medical Devices

Electrocardiographs

E001 safety

IEC 60601-1

IEC 60601-2-25

EN 60601-1

EN 60601-2-25

1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz or 60 Vdc, 35 A

(except ch.201.8.5.5.1, ch.201.12.1)

Approval Signatory: PENG, Vicky; PAN, Andre; PAN, Jason

■ 15. 03 Medical Devices

Electrocardiographic monitoring equipment

E001 safety

IEC 60601-1

IEC 60601-2-27

EN 60601-1

EN 60601-2-27

1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz or 60 Vdc, 35 A

Approval Signatory: PAN, Andre; PAN, Jason

■ 15. 03 Medical Devices

Programmable electrical medical systems

E001 safety

IEC 60601-1-4

P2, total 75 pages

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EN 60601-1-4

IEC 62304

1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz, 60 Vdc max., 5 A max., IP68 max.

Approval Signatory: PAN, Andre

■ 15.03 Medical Devices

Surgical luminaires and luminaires for diagnosis

E001 safety

IEC 60601-2-41

EN 60601-2-41

1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz, 60 Vdc max., 5 A max., IP68 max.

Approval Signatory: PAN, Andre; PAN, Jason

■ 15.03 Medical Devices

Multifunction patient monitoring equipment

E001 safety

IEC 60601-2-49

EN 60601-2-49

IEC 80601-2-49

EN IEC 80601-2-49

1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz, 60 Vdc max., 5 A max., IP68 max.

Approval Signatory: PAN, Andre

■ 15.03 Medical Devices

Automated non-invasive sphygmomanometers

E001 safety

IEC 80601-2-30

EN 80601-2-30

1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz, 60 Vdc max., 5 A max., IP68 max.,
300 mmHg max.

Approval Signatory: PENG, Vicky; PAN, Andre; PAN, Jason

■ 15.03 Medical Devices

Blood-Glucose monitoring system for self testing

E001 safety

ISO 15197

1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz, 60 Vdc max., 5 A max., IP68 max.
except Ch.7, Ch.8

Approval Signatory: PAN, Andre



15.03 Medical Devices

Respiratory equipment-Nebulizing systems and their components

E001 safety

EN 13544-1

1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz, 60 Vdc max., 5 A max., IP68 max.

Approval Signatory: PAN, Andre

15.03 Medical Devices

Medical electrical equipment and medical electrical systems used in the home healthcare environment

E001 safety

IEC 60601-1-11

EN 60601-1-11

1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz, 60 Vdc max., 5 A max., IP68 max.

Approval Signatory: PENG, Vicky; PAN, Andre; PAN, Jason

15.03 Medical Devices

Non-invasive sphygmomanometers

E001 safety

EN 1060-1

EN 1060-3

OIML R16-2

1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz, 60 Vdc max., 5 A max., IP68 max., 300 mmHg max.

except OIML R16-2 ch 5.2

Approval Signatory: PENG, Vicky; PAN, Andre; PAN, Jason

15.03 Medical Devices

Nerve and muscle stimulators (excluding AP, APG)

E001 safety

IEC 60601-2-10

EN 60601-2-10

1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz, 60 Vdc max., 5 A max., IP68 max.

Approval Signatory: PENG, Vicky; PAN, Andre

15.03 Medical Devices

Ambulatory electrocardiographic systems

E001 safety

IEC 60601-1

EN 60601-1

IEC 60601-2-47

P4, total 75 pages

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



EN 60601-2-47

1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz, 60 Vdc max., 35 A max.

Approval Signatory: PAN, Andre; PAN, Jason

■ 15. 03 Medical Devices

Operating table

E001 safety

IEC 60601-2-46

EN 60601-2-46

1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz, 60 Vdc max., 5 A max., IP68 max.

Approval Signatory: PENG, Vicky; PAN, Andre

■ 15. 03 Medical Devices

Electrically operated hospital beds

E001 safety

IEC 60601-2-38

EN 60601-2-38

IEC 60601-2-52

EN 60601-2-52

1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz, 60 Vdc max., 5 A max., IP68 max.

Approval Signatory: PENG, Vicky; PAN, Andre

■ 15. 03 Medical Devices

Medical device and Medical system intended for use in the emergency medical services environment

E001 Safety

IEC 60601-1-12

EN 60601-1-12

1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz; 60 Vdc max., 5 A max.

3 ϕ , 440 V max., 50 Hz to 60 Hz, 50 A max.

Approval Signatory: PENG, Vicky; PAN, Andre; PAN, Jason

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■ 15. 03 Medical Devices

Medical oximeter

E001 safety

ISO 9919

ISO 80601-2-61

1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz, 60 Vdc max., 5 A max., IP68 max., excluded clinical test

P5, total 75 pages

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Approval Signatory: PENG, Vicky; PAN, Andre; PAN, Jason

■ 15. 03 Medical Devices

Medical electrical equipment

E001 safety

IEC 60601-1

EN 60601-1

ANSI/AAMI ES60601-1

1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz, 60 Vdc max., 5 A max., IP68 max.

3 ϕ , 440 V max., 50 Hz to 60 Hz, 50 A max.

Approval Signatory: PENG, Vicky; PAN, Andre; PAN, Jason

■ 15. 03 Medical Devices

Blankets, pads and mattresses intended for heating in medical use (excluding AP, APG)

E001 safety

IEC 60601-2-35

EN 60601-2-35

IEC 80601-2-35

EN 80601-2-35

1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz, 60 Vdc max., 5 A max., IP68 max.

Approval Signatory: PAN, Andre

■ 15. 03 Medical Devices

Medical suction equipment –

Part 1:

Electrically power suction equipment-Safety requirements

E001 safety

ISO 10079-1

1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz, 60 Vdc max., 5 A max., IP68 max.

Approval Signatory: PENG, Vicky; PAN, Andre; PAN, Jason

■ 15. 03 Medical Devices

Alarm systems in medical electrical equipment and medical electrical systems

E001 Safety

IEC 60601-1-8

EN 60601-1-8

250 Vac max., 20 A max., 50 Hz/60 Hz, 1 ϕ , 60 Vdc max., 5 A max., IP68 max.

Approval Signatory: PENG, Vicky; PAN, Andre



15. 03 Medical Devices

Medical equipment

E023 Usability testing

IEC 62366

EN 62366

IEC 62366-1

EN 62366-1

IEC 60601-1-6

EN 60601-1-6

1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz, 60 Vdc max., 5 A max., IP68 max.

Approval Signatory: PAN, Andre

16. 99 Machine and Equipment

Safety of machinery-Electrical equipment of machines

E001 Safety

IEC 60204-1

EN 60204-1

1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz;

3 ϕ , 440 Vac max., 50 Hz/60 Hz, 150 kW max.;

60 Vdc max., 5 A max., IP68 max.

Approval Signatory: PENG, Vicky; PAN, Andre; PAN, Jason

16. 99 Machine and Equipment

Industrial robots

M207 Safety-Industrial robots

ISO 10218-1

CNS 14490-1

Exclude Ch 5.10.4 "Speed and separation monitoring testing" and Ch 5.10.5 "Power and Force limiting by inherent design or control testing".

Approval Signatory: CHEN, Hsin-Chi

16. 99 Machine and Equipment

Safety-related parts of control systems of machinery

M996 Performance level of safety-related parts of control systems

ISO 13849-1

CNS 16068-1

Approval Signatory: CHEN, Hsin-Chi

17. 04 Metrical Instrument

Electrical equipment for measurement, control, and laboratory use

P7, total 75 pages

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E001 safety
IEC 61010-1
EN 61010-1
1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz;
3 ϕ , 440 V max., 50 Hz/60 Hz, 150 kW max.;
60 Vdc max., 5 A max., IP68 max.

Approval Signatory: CHEN, Jason; PENG, Vicky; PAN, Andre

■ 17.04 Metrical Instrument
in vitro diagnostic medical equipment
E001 safety
IEC 61010-2-101
EN 61010-2-101
1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz, 60 Vdc max., 5 A max., IP68 max.

Approval Signatory: CHEN, Jason; PENG, Vicky; PAN, Andre

■ 18.01 Commodity
5G Smart pole
E001 Safety
5G Smart pole system technical specification-Part 5: Electrical Safety Requirements
5G Smart pole system technical specification-Part 1: General requirements
1 ϕ , 300 Vac max., 60 Hz, 30 A max.
3 ϕ , 440 V max., 60 Hz, 30 A max.
(Include on site testing, but on site test exclude the test for Degree of protection provided by enclosure (IP code) and humidity testing)

Approval Signatory: CHANG, Matt; CHEN, Jason; CHEN, Shih-Wei; PAN, Andre

E001 Safety-Power supply systems requirements
5G Smart pole system technical specification-Part 8: Power supply systems requirements
5G Smart pole system technical specification-Part 1: General requirements
(Include on site testing, On site test only for clause 4.2-uninterruptible power system)

Approval Signatory: WU, Chris; LIN, Jimmy

■ 18.01 Commodity
G5/G13 Double-capped integrated LED lamps
E001 Safety
CNS 15983
1 ϕ , 250 Vac max., 125 W max., 50 Hz/60 Hz;
150 Vdc max., 125 W max.

Approval Signatory: WU, Chris; LIN, Jimmy

P8, total 75 pages

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Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist, Taoyuan City, 33383, Taiwan
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■ 18.01 Commodity

DC or AC supplied electronic control gear for LED module

E001 Electrical Characteristics

CNS 15174

IEC 62384

300 Vac max., 40 A max.,

380 Vdc max., 10 A max.

Excluded Capacitive load requirement, Impedance at audio-frequencies

Approval Signatory: WU, Chris; LIN, Jimmy

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■ 18.01 Commodity

Portable general purpose luminaires

E001 safety

CNS 14335

CNS 14335-2-4

IEC 60598-1

IEC 60598-2-4

EN 60598-1

EN 60598-2-4

1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz

Approval Signatory: WU, Chris; LIN, Jimmy; CHEN, Michael

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■ 18.01 Commodity

LED modules for general lighting

E001 safety

CNS 15357

IEC 62031

EN 62031

1 ϕ , 300 Vac max., 20 A max., 50 Hz/60 Hz;

250 Vdc max., 20 A max.

Approval Signatory: WU, Chris; LIN, Jimmy; CHEN, Michael

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■ 18.01 Commodity

Luminaires with built-in transformers for filament lamps

P9, total 75 pages



E001 safety
CNS 14335
CNS 14335-2-6
IEC 60598-1
IEC 60598-2-6
EN 60598-1
EN 60598-2-6
1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz

Approval Signatory: WU, Chris; LIN, Jimmy; CHEN, Michael
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist, Taoyuan City, 33383, Taiwan
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■ 18. 01 Commodity

Aquarium luminaires
E001 safety
CNS 14335
IEC 60598-1
IEC 60598-2-11
EN 60598-1
EN 60598-2-11
1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz

Approval Signatory: WU, Chris; LIN, Jimmy; CHEN, Michael
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■ 18. 01 Commodity

Double-capped LED lamps designed to retrofit linear fluorescent lamps
E001 Safety
CNS 15829
IEC 62776
EN 62776
1 ϕ , 250 Vac max., 125 W max., 50 Hz/60 Hz;
150 Vdc max., 125 W max.

Approval Signatory: WU, Chris; LIN, Jimmy
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist, Taoyuan City, 33383, Taiwan
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■ 18. 01 Commodity

d.c. or a.c. supplied electronic controlgear for LED modules
E001 safety
CNS 61347-1
CNS 61347-2-13
IEC 61347-1
IEC 61347-2-13
P10, total 75 pages



EN 61347-1
EN 61347-2-13
J 61347-1
J 61347-2-13
JIS C 8147-1
JIS C 8147-2-13

1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz;
150 Vdc max., 20 A max.

Approval Signatory: WU, Chris; LIN, Jimmy; CHEN, Michael

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■ 18.01 Commodity

Miscellaneous electronic circuits used with luminaires

E001 safety
IEC 61347-1
IEC 61347-2-11
EN 61347-1
EN 61347-2-11

1 ϕ , 300 Vac max., 20 A max., 50 Hz/60 Hz;
300 Vdc max., 20 A max.

Approval Signatory: WU, Chris; LIN, Jimmy; CHEN, Michael

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■ 18.01 Commodity

Self-ballasted LED-lamps for general lighting services

E001 safety
IEC 62560
CNS 15436
JIS C 8156

1 ϕ , 250 Vac max., 60 W max., 50 Hz/60 Hz

Approval Signatory: WU, Chris; LIN, Jimmy; CHEN, Michael

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■ 18.01 Commodity

Luminaires for road and street lighting

E001 safety
CNS 14335
CNS 14335-2-3
IEC 60598-1
IEC 60598-2-3
EN 60598-1

P11, total 75 pages



EN 60598-2-3

1 ϕ , 300 Vac max., 20 A max., 50 Hz/60 Hz

Approval Signatory: WU, Chris; LIN, Jimmy; CHEN, Michael

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■ 18.01 Commodity

Fixed general purpose luminaires

E001 safety

CNS 14335

CNS 14335-2-1

IEC 60598-1

IEC 60598-2-1

EN 60598-1

EN 60598-2-1

1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz

Approval Signatory: WU, Chris; LIN, Jimmy; CHEN, Michael

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■ 18.01 Commodity

Flood light

E001 safety

CNS 14335

IEC 60598-1

IEC 60598-2-5

EN 60598-1

EN 60598-2-5

1 ϕ , 300 Vac max., 20 A max., 50 Hz/60 Hz

Approval Signatory: WU, Chris; LIN, Jimmy; CHEN, Michael

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■ 18.01 Commodity

Recessed luminaires

E001 safety

CNS 14335

CNS 14335-2-2

IEC 60598-1

IEC 60598-2-2

EN 60598-1

EN 60598-2-2

1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz

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Approval Signatory: WU, Chris; LIN, Jimmy; CHEN, Michael
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18.01 Commodity

Mains socket-outlet mounted nightlights

E001 safety

CNS 14335

IEC 60598-1

IEC 60598-2-12

EN 60598-1

EN 60598-2-12

1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz

Approval Signatory: WU, Chris; LIN, Jimmy; CHEN, Michael
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist, Taoyuan City, 33383, Taiwan
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18.01 Commodity

Lighting chain

E001 safety

CNS 14335

IEC 60598-1

IEC 60598-2-20

EN 60598-1

EN 60598-2-20

1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz

Approval Signatory: WU, Chris; LIN, Jimmy; CHEN, Michael
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18.01 Commodity

Extra low-voltage lighting systems for filament lamps

E001 safety

CNS 14335

IEC 60598-1

IEC 60598-2-23

EN 60598-1

EN 60598-2-23

1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz

Approval Signatory: WU, Chris; LIN, Jimmy; CHEN, Michael
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist, Taoyuan City, 33383, Taiwan
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18.01 Commodity

Double-capped LED tubular lamps

E001 safety

CNS 15438

1 ϕ , 250 Vac max., 125 W max., 50 Hz/60 Hz;

150 Vdc max., 125 W max.

Approval Signatory: WU, Chris; LIN, Jimmy; CHEN, Michael

Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist, Taoyuan City, 33383, Taiwan

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18.01 Commodity

Lighting Products

E002 Current Total harmonic distortion

IEC 61000-3-2

300 Vac max., 20 A max.

Approval Signatory: WU, Chris; LIN, Jimmy

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R.O.C.

O001 Candlepower Distribution Curve

CIE 70

Approval Signatory: WU, Chris; LIN, Jimmy

Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist, Taoyuan City, 33383, Taiwan

R.O.C; 2.No.64, Wenming Rd, Guishan Shiang Dist, Taoyuan City, Taiwan, 33383, R.O.C.

O008 Luminous flux

CIE 84

Approval Signatory: WU, Chris; LIN, Jimmy

Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist, Taoyuan City, 33383, Taiwan

R.O.C; 2.No.64, Wenming Rd, Guishan Shiang Dist, Taoyuan City, Taiwan, 33383, R.O.C.

O010 Illuminance

CNS 5065

Illuminance range: 25 lx to 1,500 lx

Approval Signatory: WU, Chris; LIN, Jimmy

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O014 Chromaticity

Correlated Color Temperature

P14, total 75 pages



Color Rendering Index

LM-16

LM-58

CIE 15

ANSI C78.377

CIE 13.3

Chromaticity: CIE 1931/1976 within color gamut

Correlated color temperature: 2000 K to 10000 K

Color rendering index: Ra = 0 to 100

Approval Signatory: WU, Chris; LIN, Jimmy

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0016 Unified Glare Ratio

CIE 117

Approval Signatory: WU, Chris; LIN, Jimmy

Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist, Taoyuan City, 33383, Taiwan

R.O.C; 2.No.64, Wenming Rd, Guishan Shiang Dist, Taoyuan City, Taiwan, 33383, R.O.C.

0995 Zonal Lumen Distribution, Color Angular Uniformity, Luminaire Photometry, Efficacy, Light Output, CCT, CRI

IES LM-79

300 Vac max., 20 A max.,

600 Vdc max., 15 A max.

Approval Signatory: WU, Chris; LIN, Jimmy

Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist, Taoyuan City, 33383, Taiwan

R.O.C; 2.No.64, Wenming Rd, Guishan Shiang Dist, Taoyuan City, Taiwan, 33383, R.O.C.

18.01 Commodity

LED lamp

E005 Energy efficiency

The power efficiency and indicative method for energy label of LED lamp

300 Vac max., 20 A max.

Approval Signatory: WU, Chris; LIN, Jimmy

Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist, Taoyuan City, 33383, Taiwan

R.O.C; 2.No.64, Wenming Rd, Guishan Shiang Dist, Taoyuan City, Taiwan, 33383, R.O.C.

18.01 Commodity

Indoor Light Luminaire

E005 Energy efficiency

The power efficiency and indicative method for energy label of Indoor Light Luminaire

300 Vac max., 20 A max.,

P15, total 75 pages



600 Vdc max., 15 A max.

Approval Signatory: WU, Chris; LIN, Jimmy
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist, Taoyuan City, 33383, Taiwan
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18.01 Commodity

Fixtures of roadway lighting
E005 Energy efficiency
Fixtures of roadway lighting Energy efficiency Criteria and Labeling Method for Energy Label
300 Vac max., 20 A max.,
600 Vdc max., 15 A max.

Approval Signatory: WU, Chris; LIN, Jimmy
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist, Taoyuan City, 33383, Taiwan
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18.01 Commodity

Lamps and lamp systems
O024 Photobiological safety
CNS 15592
IEC 62471
IEC TR 62471-2
IEC TR 62778
EN 62471
1 ϕ , 300 Vac max., 30 A max., 50 Hz/60 Hz;
300 Vdc max., 30 A max.

Approval Signatory: WU, Chris; LIN, Jimmy; CHEN, Michael
Testing Site: 1.No.64, Wenming Rd, Guishan Shiang Dist, Taoyuan City, Taiwan, 33383,
R.O.C.

18.01 Commodity

Self-ballasted LED lamps for general lighting services with supply voltage > 50 V
O995 Optical and Electrical Inspection
CNS 15630
1 ϕ , 300 Vac max., 20 A max., 50 Hz/60 Hz
Excluded Electromagnetic noise and Surge Protection Test

Approval Signatory: WU, Chris; LIN, Jimmy
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist, Taoyuan City, 33383, Taiwan
R.O.C; 2.No.64, Wenming Rd, Guishan Shiang Dist, Taoyuan City, Taiwan, 33383, R.O.C.

18.01 Commodity

LED Fixtures of roadway lighting
P16, total 75 pages

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



O995 Optical and Electrical Characteristics
CNS 15233
1 ϕ , 300 Vac max., 20 A max., 50 Hz/60 Hz
Excluded Surge, Electromagnetic noise, Vibration test

Approval Signatory: WU, Chris; LIN, Jimmy
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist, Taoyuan City, 33383, Taiwan
R.O.C; 2.No.64, Wenming Rd, Guishan Shiang Dist, Taoyuan City, Taiwan, 33383, R.O.C.

■ 18.01 Commodity
Recessed LED luminaires for T-bar ceiling systems
O995 Optical and Electrical Characteristics
CNS 15437
1 ϕ , 300 Vac max., 20 A max., 50 Hz/60 Hz
Excluded Surge, Electromagnetic noise

Approval Signatory: WU, Chris; LIN, Jimmy
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist, Taoyuan City, 33383, Taiwan
R.O.C; 2.No.64, Wenming Rd, Guishan Shiang Dist, Taoyuan City, Taiwan, 33383, R.O.C.

■ 18.01 Commodity
Double-capped LED lamps
O995 Optical and Electrical Inspection
CNS 16027
1 ϕ , 300 Vac max., 20 A max., 50 Hz/60 Hz
Excluded Electromagnetic noise and Surge Protection Test

Approval Signatory: WU, Chris; LIN, Jimmy
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist, Taoyuan City, 33383, Taiwan
R.O.C; 2.No.64, Wenming Rd, Guishan Shiang Dist, Taoyuan City, Taiwan, 33383, R.O.C.

■ 18.02 Commodity
Electrical appliances for use with aquariums and garden ponds
E001 safety
CNS 60335-1
CNS 60335-2-55
IEC 60335-1
IEC 60335-2-55
EN 60335-1
EN 60335-2-55
1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz;
60 Vdc max., 35 A max.

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu



18.02 Commodity

Heated tobacco device

E001 safety

CNS 60335-1

CNS 60335-2-120

1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz;

60 Vdc max., 20 A max.

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YEN, Ko-Chu

18.02 Commodity

Appliances for heating liquid

E001 safety

CNS 60335-1

CNS 60335-2-15

IEC 60335-1

IEC 60335-2-15

EN 60335-1

EN 60335-2-15

PNS IEC 60335-1

PNS IEC 60335-2-15

1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

18.02 Commodity

Floor treatment machines and wet scrubbing machines

E001 safety

CNS 60335-1

CNS 60335-2-10

IEC 60335-1

IEC 60335-2-10

EN 60335-1

EN 60335-2-10

1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz;

60 Vdc max., 35 A max.

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

18.02 Commodity

refrigerating appliances, ice-cream appliances and ice-makers

E001 safety

CNS 60335-1

CNS 60335-2-24

IEC 60335-1

IEC 60335-2-24

EN 60335-1

P18, total 75 pages



EN 60335-2-24

1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz;
60 Vdc max., 35 A max.

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YU, Yi-Chun; PAN, Andre

■ 18.02 Commodity

Foot warmers and heating mats

E001 safety

CNS 60335-1

CNS 60335-2-81

IEC 60335-1

IEC 60335-2-81

EN 60335-1

EN 60335-2-81

1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

■ 18.02 Commodity

Electrically operated adjustable bed for home use

E001 safety

CNS 15521

1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz, 60 Vdc max., 5 A max.

Approval Signatory: CHEN, Jason; PAN, Andre

■ 18.02 Commodity

Deep fat fryers, frying pan and similar appliances

E001 safety

CNS 60335-1

CNS 60335-2-13

IEC 60335-1

IEC 60335-2-13

EN 60335-1

EN 60335-2-13

1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

■ 18.02 Commodity

air-cleaning appliances

E001 safety

CNS 60335-1

CNS 60335-2-65

IEC 60335-1

P19, total 75 pages



IEC 60335-2-65
EN 60335-1
EN 60335-2-65
1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz;
60 Vdc max., 35 A max.

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

■ 18.02 Commodity

Warming plates and similar appliances

E001 safety
CNS 60335-1
CNS 60335-2-12
IEC 60335-1
IEC 60335-2-12
EN 60335-1
EN 60335-2-12
1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

■ 18.02 Commodity

Room heaters

E001 safety
CNS 60335-1
CNS 60335-2-30
IEC 60335-1
IEC 60335-2-30
EN 60335-1
EN 60335-2-30
1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

■ 18.02 Commodity

Massage appliances

E001 safety
CNS 60335-1
CNS 60335-2-32
IEC 60335-1
IEC 60335-2-32
EN 60335-1
EN 60335-2-32
1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz;
60 Vdc max., 35 A max.

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

P20, total 75 pages



18.02 Commodity

Washing machines

E001 safety

CNS 60335-1

CNS 60335-2-7

IEC 60335-1

IEC 60335-2-7

EN 60335-1

EN 60335-2-7

1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YU, Yi-Chun; PAN, Andre

18.02 Commodity

Dishwashers

E001 safety

CNS 60335-1

CNS 60335-2-5

IEC 60335-1

IEC 60335-2-5

EN 60335-1

EN 60335-2-5

1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

18.02 Commodity

Fans

E001 safety

CNS 60335-1

CNS 60335-2-80

IEC 60335-1

IEC 60335-2-80

EN 60335-1

EN 60335-2-80

1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz;

60 Vdc max., 35 A max.

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

18.02 Commodity

Toasters, grills, roasters, hob, cooking ranges, cooking tables, oven, cooking stove and similar appliances

E001 safety

CNS 60335-1

CNS 60335-2-6

CNS 60335-2-9

P21, total 75 pages



IEC 60335-1
IEC 60335-2-6
IEC 60335-2-9
EN 60335-1
EN 60335-2-6
EN 60335-2-9
PNS IEC 60335-1
PNS IEC 60335-2-9
JIS C 9335-2-120
1 ϕ , 250 Vac max., 50 A max., 50 Hz/60 Hz
60 Vdc max., 35 A max.

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

18.02 Commodity

Vacuum cleaners and water-suction cleaning appliances

E001 safety
CNS 60335-1
CNS 60335-2-2
IEC 60335-1
IEC 60335-2-2
EN 60335-1
EN 60335-2-2
1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz;
60 Vdc max., 35 A max.

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

18.02 Commodity

Toilets appliances

E001 Safety
IEC 60335-1
IEC 60335-2-84
EN 60335-1
EN 60335-2-84
CNS 60335-1
CNS 60335-2-84
1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YEN, Ko-Chu

18.02 Commodity

Clothes dryers and towel rails

E001 safety
CNS 60335-1
CNS 60335-2-43
IEC 60335-1
P22, total 75 pages



IEC 60335-2-43
EN 60335-1
EN 60335-2-43
1 ϕ , 250 Vac max., 50 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YU, Yi-Chun; PAN, Andre; YEN, Ko-Chu

■ 18.02 Commodity

Range hood
E001 safety
CNS 60335-1
CNS 60335-2-31
IEC 60335-1
IEC 60335-2-31
EN 60335-1
EN 60335-2-31
CNS 3805
1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz
CNS 3805 only for clause 3.7 「 Air volume 」

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

■ 18.02 Commodity

Spin extractors
E001 safety
CNS 60335-1
CNS 60335-2-4
IEC 60335-1
IEC 60335-2-4
EN 60335-1
EN 60335-2-4
1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YU, Yi-Chun; PAN, Andre

■ 18.02 Commodity

UV disinfection (sterilization) electrical appliances
E001 safety
CNS 60335-1
Bureau of Standards, Metrology and Inspection, M.O.E.A.
Relevant inspection regulations of mandatory inspection for UV disinfection (sterilization) electrical appliances
1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz;
60 Vdc max., 20 A max.
No.8, Lane 29, Wenming Rd, Guishan Shiang Dist, Taoyuan City: Except clause 32-
Measurement for photobiological safety of lamps and lamp systems
P23, total 75 pages



No.64, Wenming Rd, Guishan Shiang Dist, Taoyuan City: Only for clause 32-Measurement for photobiological safety of lamps and lamp systems

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YEN, Ko-Chu

Testing Site: 1.No.8, Lane 29, Wenming Rd, Guishan Shiang Dist, Taoyuan City, 33383, Taiwan, R.O.C.; 2.No.64, Wenming Rd, Guishan Shiang Dist, Taoyuan City, Taiwan, 33383, R.O.C.

■ 18.02 Commodity

Storage water heaters

E001 safety

CNS 60335-1

CNS 60335-2-21

IEC 60335-1

IEC 60335-2-21

EN 60335-1

EN 60335-2-21

1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

■ 18.02 Commodity

microwave ovens, including combination microwave ovens

E001 safety

CNS 60335-1

CNS 60335-2-25

IEC 60335-1

IEC 60335-2-25

EN 60335-1

EN 60335-2-25

1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

■ 18.02 Commodity

Battery chargers

E001 safety

CNS 60335-1

CNS 60335-2-29

IEC 60335-1

IEC 60335-2-29

EN 60335-1

EN 60335-2-29

1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu



18.02 Commodity

Shavrs, hair clippers and similar appliances

E001 safety

CNS 60335-1

CNS 60335-2-8

IEC 60335-1

IEC 60335-2-8

EN 60335-1

EN 60335-2-8

1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz;

60 Vdc max., 35 A max.

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

18.02 Commodity

Motor-compressors

E001 safety

CNS 3765

CNS 3765-34

CNS 60335-1

IEC 60335-1

IEC 60335-2-34

EN 60335-1

EN 60335-2-34

1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YU, Yi-Chun; PAN, Andre

18.02 Commodity

Insect killers

E001 safety

CNS 60335-1

CNS 60335-2-59

IEC 60335-1

IEC 60335-2-59

EN 60335-1

EN 60335-2-59

1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz;

60 Vdc max., 35 A max.

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

18.02 Commodity

Electrical heat pumps, air-conditioners and dehumidifiers

E001 safety

CNS 3765

CNS 60335-1

P25, total 75 pages

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



CNS 60335-2-40

IEC 60335-1

IEC 60335-2-40

EN 60335-1

EN 60335-2-40

PNS IEC 60335-1

PNS IEC 60335-2-40

1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz; 3 ϕ , 380 Vac max., 45 kVA max., 50 Hz/60 Hz

No.8, Lane 29, Wenming Rd, Guishan Shiang Dist, Taoyuan City: CNS 3765,

CNS/IEC/EN/PNS IEC 60335-1 and CNS/IEC/EN/PNS IEC 60335-2-40 except 3 ϕ
for clause 10, 11 and 19;

No.2-1, Nan-Yuang Rd, Zhongli Dist, Taoyuan City: CNS 3765, CNS/IEC/EN/PNS IEC
60335-1 and CNS/IEC/EN/PNS IEC 60335-2-40 only for clause 10, 11 and 19

No.64, Wenming Rd, Guishan Shiang Dist, Taoyuan City: Except 3 ϕ ; CNS 3765,

CNS/IEC/EN/PNS IEC 60335-1 and CNS/IEC/EN/PNS IEC 60335-2-40 Only for
clause 10, 11 and 19

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YU, Yi-Chun; PAN, Andre

Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist, Taoyuan City, 33383, Taiwan

R.O.C.; 2.No.2-1, Nan-Yuang Rd. Jung Li, Zhongli Dist, Taoyuan City 320, Taiwan,

R.O.C.; 3.No.64, Wenming Rd, Guishan Shiang Dist, Taoyuan City, Taiwan, 33383, R.O.C.

18.02 Commodity

Blankets, pads, clothing and similar flexible heating appliances

E001 safety

CNS 60335-1

CNS 60335-2-17

IEC 60335-1

IEC 60335-2-17

EN 60335-1

EN 60335-2-17

1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz;

60 Vdc max., 35 A max.

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

18.02 Commodity

Electric irons

E001 safety

CNS 60335-1

CNS 60335-2-3

IEC 60335-1

IEC 60335-2-3

EN 60335-1

EN 60335-2-3

1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

P26, total 75 pages

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



■ 18.02 Commodity

Tumbler dryers

E001 safety

CNS 60335-1

CNS 60335-2-11

IEC 60335-1

IEC 60335-2-11

EN 60335-1

EN 60335-2-11

1 ϕ , 250 Vac max., 50 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YU, Yi-Chun; PAN, Andre

■ 18.02 Commodity

Kitchen machines

E001 safety

CNS 60335-1

CNS 60335-2-14

IEC 60335-1

IEC 60335-2-14

EN 60335-1

EN 60335-2-14

1 ϕ , 250 V max., 30 A max., 50 Hz/60 Hz;

60 Vdc max., 35 A max.

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

■ 18.02 Commodity

Thermal-storage room heaters

E001 safety

CNS 60335-1

CNS 60335-2-61

IEC 60335-1

IEC 60335-2-61

EN 60335-1

EN 60335-2-61

1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

■ 18.02 Commodity

Instantaneous water heaters

E001 safety

CNS 60335-1

CNS 60335-2-35

IEC 60335-1

IEC 60335-2-35

P27, total 75 pages

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



EN 60335-1
EN 60335-2-35
1 ϕ , 250 Vac max., 50 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

■ 18.02 Commodity

Fabric steamers
E001 safety
CNS 60335-1
CNS 60335-2-85
IEC 60335-1
IEC 60335-2-85
EN 60335-1
EN 60335-2-85
1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YEN, Ko-Chu

■ 18.02 Commodity

Portable immersion heaters
E001 safety
CNS 60335-1
CNS 60335-2-74
IEC 60335-1
IEC 60335-2-74
EN 60335-1
EN 60335-2-74
1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

■ 18.02 Commodity

Appliances for skin or hair care
E001 safety
CNS 60335-1
CNS 60335-2-23
IEC 60335-1
IEC 60335-2-23
EN 60335-1
EN 60335-2-23
1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz;
60 Vdc max., 35 A max.

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu



18.02 Commodity

Refrigerators appliances and ice-makers

E005 Energy efficiency

Energy Efficiency Criteria and Labeling Method for Energy Label Qualified Refrigerators

Energy Efficiency Criteria and Labeling Method for Energy Label Qualified Freezers

EPA announced EP labeling "Details of specification of standard management" No.28

(content 2.0)

CNS 2062

1 φ, 250 Vac max., 30 A max., 60 Hz

1 φ, 250 Vac max., 20 A max., 60 Hz, for CNS 2062)

CNS 2062 only for clause 5.2, 5.2, 5.10 and 7

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YU, Yi-Chun

18.02 Commodity

Air conditioners (Non-ducted type)

E005 Energy efficiency

Energy Conservation Labeling Program Requirements for Non-ducted Air Conditioners,

EPA announced EP labeling "Details of specification of standard management" No.29

(contents 4.1, 4.2)

CNS 3615

ISO 5151

PNS 396-1

No.8, Lane 29, Wenming Rd, Guishan Shiang Dist, Taoyuan City, 33383, Taiwan, R.O.C:

1 φ, 250 Vac max., 30 A max., 50 Hz/60 Hz

No.2-1, Nan-Yuang Rd. Jung Li, Zhongli Dist, Taoyuan City 320, Taiwan, R.O.C.:

1 φ, 250 Vac max., 30 A max., 50 Hz/60 Hz; 3 φ, 380 Vac max., 45 kVA max., 50 Hz/60 Hz

No.64, Wenming Rd, Guishan Shiang Dist, Taoyuan City, Taiwan, 33383, R.O.C.:

1 φ, 250 Vac max., 30 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YU, Yi-Chun

Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist, Taoyuan City, 33383, Taiwan

R.O.C; 2.No.2-1, Nan-Yuang Rd. Jung Li, Zhongli Dist, Taoyuan City 320, Taiwan,

R.O.C.; 3.No.64, Wenming Rd, Guishan Shiang Dist, Taoyuan City, Taiwan, 33383, R.O.C.

18.02 Commodity

Hairdryers

E005 Energy efficiency

Energy Efficiency Criteria and Labeling Method for Energy Label Qualified Hair dryers,

EPA announced EP labeling "Details of specification of standard management" No.69

(content 3.1)

1 φ, 250 Vac max., 30 A max., 60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YEN, Ko-Chu

18.02 Commodity

Air source heat pump water heaters

P29, total 75 pages



E005 Energy efficiency
Energy Efficiency Criteria and Labeling Method for Label Qualified Air Source Heat Pump Water Heaters

EPA announced EP labeling "Details of specification of standard management" No.132
(content 2.1, 2.2)

CNS 15466

1 ϕ , 250 Vac max., 30 A max., 60 Hz;
3 ϕ , 380 Vac max., 30 A max., 60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YU, Yi-Chun
Testing Site: 1.No.2-1, Nan-Yuang Rd. Jung Li, Zhongli Dist, Taoyuan City 320, Taiwan, R.O.C.

18.02 Commodity

Clothes washer

E005 Energy efficiency

Energy Efficiency Criteria and Labeling Method for Energy Label Qualified Washing Machines

EPA announced EP labeling "Details of specification of standard management" No.23
(contents 3.1, 3.2)

Product specification of water conservation label for washing machines.

1 ϕ , 250 Vac max., 30 A max., 60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YU, Yi-Chun

18.02 Commodity

Ventilating fans for bath room use

E005 Energy efficiency

Energy Efficiency Criteria and Labeling Method for Energy Label Qualified Ventilating Fans for Bathroom Use

1 ϕ , 250 Vac max., 30 A max., 60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YEN, Ko-Chu
Testing Site: 1.No.2-1, Nan-Yuang Rd. Jung Li, Zhongli Dist, Taoyuan City 320, Taiwan, R.O.C.; 2.No.64, Wenming Rd, Guishan Shiang Dist, Taoyuan City, Taiwan, 33383, R.O.C.

18.02 Commodity

Dehumidifier

E005 Energy efficiency

Energy Efficiency Criteria and Labeling Method for Energy Label Qualified Dehumidifiers

EPA announced EP labeling "Details of specification of standard management" No.48
(content 2.0)

CNS 12492

1 ϕ , 250 Vac max., 30 A max., 60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YU, Yi-Chun; YEN, Ko-Chu

P30, total 75 pages

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



18.02 Commodity

Clothes dryer

E005 Energy efficiency

Energy Conservation Labeling Program Requirements for Clothes Dryers

EPA announced EP labeling "Details of specification of standard management" No.70
(contents 2.0)

1 ϕ , 250 Vac max., 50 A max., 60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YU, Yi-Chun

18.02 Commodity

Electric storage tank boiling water heaters

E005 Energy efficiency

Energy Efficiency Criteria and Labeling Method for Electric Storage Tank Boiling Water Heaters,

EPA announced EP labeling "Details of specification of standard management" No.111
(content 2.1)

CNS 12623

1 ϕ , 250 Vac max., 30 A max., 60 Hz

CNS 12623 only for clause 10.7, and 10.8

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YEN, Ko-Chu

18.02 Commodity

Electric storage tank water heaters

E005 Energy efficiency

Energy Efficiency Criteria and Labeling Method for Electric Storage Tank Water Heaters

EPA announced EP labeling "Details of specification of standard management" No.101
(content 2.0)

CNS 11010

1 ϕ , 250 Vac max., 30 A max., 60 Hz

CNS 11010 only for clause 8.11 and 8.14

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YEN, Ko-Chu

18.02 Commodity

Drinking Water Dispensers

E005 energy efficiency

Energy Efficiency Criteria and Labeling Method for Energy Label Qualified for Cold/Warm/Hot Water Dispensers

Energy Efficiency Criteria and Labeling Method for Energy Label Qualified for Warm and Hot Water Dispensers

EPA announced EP labeling "Details of specification of standard management" No.87
(content 4.1)

CNS 13516

CNS 15929

1 ϕ , 250 Vac max., 30 A max., 60 Hz

P31, total 75 pages



1 ϕ , 250 Vac max., 20 A max., 60 Hz, for CNS 13516, CNS 15929)
CNS 13516 only for clause 6.3, 6.7, 6.9, 6.11 and 7.1 (i)
CNS 15929 only for clause 6.3, 6.8 and 6.10

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YEN, Ko-Chu

■ 18.02 Commodity

Water fountain machines

E005 energy efficiency

Energy Efficiency Criteria and Labeling Method for Energy Label Qualified for Cold/Warm/Hot Water Dispensers

Energy Efficiency Criteria and Labeling Method for Energy Label Qualified Warm-hot Water Dispensers

EPA announced EP labeling "Details of specification of standard management" No.91 (content 3.0)

CNS 3910

1 ϕ , 250 Vac max., 30 A max., 60 Hz

1 ϕ , 250 Vac max., 20 A max., 60 Hz, for CNS 3910)

CNS 3910 only for clause 5, 8.3, 10 and 13

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YEN, Ko-Chu

■ 18.02 Commodity

Microwave oven

E005 Energy efficiency

Energy Efficiency Criteria and Labeling Method for Label Qualified Microwave Oven

EPA announced EP labeling "Details of specification of standard management" No.52 (contents 2.0)

CNS 60705

CNS 62301

1 ϕ , 250 Vac max., 20 A max., 60 Hz

CNS 60705 only for clause 6, 8 and 9

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YEN, Ko-Chu

■ 18.02 Commodity

Electric fan

E005 Energy efficiency

Energy Efficiency Criteria and Labeling Method for Energy Label Qualified Electric Fans

EPA announced EP labeling "Details of specification of standard management" No.81 (content 1.2)

1 ϕ , 250 Vac max., 30 A max., 60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YEN, Ko-Chu



18.02 Commodity

Electric ovens

E005 Energy efficiency

Energy Efficiency Criteria and Labeling Method for Electric Ovens

EPA announced EP labeling "Details of specification of standard management" No.145
(content 3.1 and 3.2)

1 ϕ , 250 Vac max., 30 A max., 60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YEN, Ko-Chu

18.02 Commodity

Electric pots

E005 Energy efficiency

Energy Conservation Labeling Program Requirements for Electrical Hot Water Pots

EPA announced EP labeling "Details of specification of standard management" No.117
(content 3.1)

CNS 12625

1 ϕ , 250 Vac max., 30 A max., 60 Hz

1 ϕ , 250 Vac max., 20 A max., 60 Hz, for CNS 12625)

CNS 12625 only for clause 5.4, 5.7 and 11

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YEN, Ko-Chu

18.02 Commodity

Electric cookers

E005 Energy efficiency

Energy Efficiency Criteria and Labeling Method for Energy Label Qualified Electric Cookers

EPA announced EP labeling "Details of specification of standard management" No.102
(content 3.1)

CNS 2518

1 ϕ , 250 Vac max., 30 A max., 60 Hz

1 ϕ , 250 Vac max., 20 A max., 60 Hz, for CNS 2518)

CNS 2518 only for clause 6.5, and 7 (g)

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YEN, Ko-Chu

18.02 Commodity

Ventilating fans for window type

E005 Energy efficiency

Energy Efficiency Criteria and Labeling Method for Energy Label Qualified Ventilating Fans for Window type

1 ϕ , 250 Vac max., 30 A max., 60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YEN, Ko-Chu

Testing Site: 1.No.2-1, Nan-Yuang Rd. Jung Li, Zhongli Dist, Taoyuan City 320, Taiwan,

R.O.C.; 2.No.64, Wenming Rd, Guishan Shiang Dist, Taoyuan City, Taiwan, 33383, R.O.C

P33, total 75 pages



■ 18.02 Commodity

Household and Similar Electrical Appliances
E023 Software Evaluation
IEC 60335-1 Annex R
EN 60335-1 Annex R
CNS 60335-1 Annex R

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YU, Yi-Chun

■ 18.04 Commodity

Audio/video, information and communication technology equipment
A001 Sound Pressure Level Measurement
CNS 15027-1
EN 50332-1
(Exclude Analogue Recoder)

Approval Signatory: CHANG, Matt; CHEN, Jason; CHEN, Shih-Wei; PAN, Jason
Testing Site: 1.No.8, Lane 29, Wenming Rd, Guishan Shiang Dist, Taoyuan City, 33383,
Taiwan, R.O.C.

A001 Sound pressure level measurement
CNS 15027-2
EN 50332-2

Approval Signatory: CHANG, Matt; CHEN, Jason; CHEN, Shih-Wei; PAN, Jason
Testing Site: 1.No.8, Lane 29, Wenming Rd, Guishan Shiang Dist, Taoyuan City, 33383,
Taiwan, R.O.C.

E001 safety
IEC 62368-1
EN 62368-1
CNS 15598-1
1 ϕ , 600 Vac max., 47 Hz to 63 Hz, 50 A max.
3 ϕ , 440 V max., 50 Hz to 60 Hz, 50 A max.
60 Vdc max., 35 A max.

Approval Signatory: CHANG, Matt; CHEN, Jason; PENG, Vicky; PAN, Andre; PAN,
Jason

■ 18.04 Commodity

Audio, video and similar electronic apparatus Safety requirements
E001 safety
IEC 60065
EN 60065
CNS 14408
AS/NZS 60065
P34, total 75 pages



UL 60065

J60065

GB8898

1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz; 60 Vdc max., 35 A max.

Approval Signatory: CHANG, Matt; CHEN, Jason; PENG, Vicky; PAN, Jason

■ 18.04 Commodity

DVD Recorder & Player

E005 Energy efficiency

DVD Recorder & Player-Energy efficiency Criteria and Labeling Method for Energy Label

EPA announced EP labeling "Details of specification of standard management" No.85

(content 1, 2)

1 ϕ , 250 Vac max., 20 A max., 60 Hz

Approval Signatory: CHEN, Jason; PAN, Jason

■ 18.04 Commodity

Audio and Video Equipment (TV)

E005 Energy efficiency

TV-Energy Efficiency Criteria and Labeling Method

EPA announced EP labeling "Details of specification of standard management" No.85

(content 3.1)

1 ϕ , 250 Vac max., 20 A max., 60 Hz

Approval Signatory: CHEN, Jason; PENG, Vicky; PAN, Jason

■ 18.04 Commodity

Household and Similar Equipment (Integrated Stereo)

E005 Energy efficiency

Integrated Stereo-Energy Efficiency Criteria and Labeling Method

1 ϕ , 250 Vac max., 20 A max., 60 Hz

Approval Signatory: CHEN, Jason; PAN, Jason

■ 18.07 Commodity

Water Closet

M996 Performance/Function Test (Water Consumption, Residual Urine, Drain Line Transport Characterization, Trap Seal Depth Determination, Gas Leakage, Water Leakage, Flushing, Drainage)

Regulations for Management of Water Efficiency Label, Appendix, Test Method 1

Regulations for Management of Water Efficiency Label, Appendix, Test Method 2

Regulations for Management of Water Efficiency Label, Appendix, Test Method 3

ASME A112.19.2

CNS 3220

CNS 3221

P35, total 75 pages

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



Length of Tube 18 m (60 ft)
Jet Water Closet: 53 mm Wooden Ball
Other Water Closet: 38 mm Wooden Ball

Approval Signatory: WU, Chris; LI, Yueh-Feng; LIN, Jimmy

■ 18.07 Commodity

Faucets
M996 Performance/Function Test (Stopping, Operability, Discharging, Durability)
CNS 8088

Approval Signatory: WU, Chris; LI, Yueh-Feng; LIN, Jimmy

■ 18.07 Commodity

Auto-stop Faucet
M996 Supplying Time Test
Regulations for Management of Water Efficiency Label, Appendix, Test Method 8

Approval Signatory: WU, Chris; LI, Yueh-Feng; LIN, Jimmy

■ 18.07 Commodity

Flush Urinals
M996 Ink Test
Residual Urine Test
Performance/Function Test (Discharging)
Regulations for Management of Water Efficiency Label, Appendix, Test Method 9
CNS 3221
CNS 8088
Water Pressure: 0.1 MPa (1.0 kgf/cm²)

Approval Signatory: WU, Chris; LI, Yueh-Feng; LIN, Jimmy

■ 18.07 Commodity

Flush Tank Parts
M996 Flush Valve Leakage and Durability Test
Fill Valve Anti-siphon Test
Flush Valve Discharging Test
Water Closet Tank Leakage Test
Float Ball of Water Closet Durability Test
Regulations for Management of Water Efficiency Label, Appendix, Test Method 4
Regulations for Management of Water Efficiency Label, Appendix, Test Method 5
Regulations for Management of Water Efficiency Label, Appendix, Test Method 7
ASSE 1002
CNS 3220-1
CNS 8088

P36, total 75 pages

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



Volume \leq 9 L

Approval Signatory: WU, Chris; LI, Yueh-Feng; LIN, Jimmy

18.07 Commodity

Shower Head

M996 Performance/Function Test (Operability, Discharging, Leakage)

CNS 15167

Water Pressure: (0.1 to 0.5) MPa, (1.0 to 5.0) kgf/cm²

Approval Signatory: WU, Chris; LI, Yueh-Feng; LIN, Jimmy

19.06 Electronic and Electric

Uninterruptible power supply

E001 safety

IEC 62040-1

CNS 14843-1

CNS 14843-2

IEC 60950-1

EN 60950-1

CNS 14336-1

1 ϕ , 300 Vac max., 47 Hz to 63 Hz, 30 A max.

3 ϕ , 440 V max., 50 Hz to 60 Hz, 150 kW max.

Approval Signatory: CHEN, Jason; PENG, Vicky; PAN, Jason

19.06 Electronic and Electric

Safety requirement

and test method for

mobile phone charge by alternative current power supply for traveling use

E001 safety

CNS 15285

1 ϕ , 250 Vac max., 30 A max., 47 Hz to 63 Hz,

Approval Signatory: CHANG, Matt; CHEN, Jason; PAN, Jason

19.11 Electronic and Electric

Hand-held motor-operated electric tools

E001 safety

CNS 14905

IEC 60745-1

1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung



■ 19. 11 Electronic and Electric
Portable Electric Circular Saws
E001 safety
CNS 9811
CNS 9812
1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung

■ 19. 11 Electronic and Electric
Hand-held or Portable or Desktop Electric Grinders
E001 Safety
CNS 3265
CNS 10609
1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung

■ 19. 11 Electronic and Electric
Hand-held or Portable or Desktop Electric Disk-type Sanders
E001 Safety
CNS 3266
CNS 10610
1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung

■ 19. 11 Electronic and Electric
Drills
E001 safety
CNS 14905
CNS 14905-1
CNS 3264
IEC 60745-1
IEC 60745-2-1
1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung

■ 19. 11 Electronic and Electric
Grinders, polishers and disk-type sanders
E001 safety
CNS 14905
CNS 14905-3
CNS 3265

P38, total 75 pages

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



CNS 3266
CNS 10609
CNS 10610
IEC 60745-1
IEC 60745-2-3
1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung

■ 19. 99 Electronic and Electric

Electrical appliances, Degree of protection provided by enclosure (IP code)

E001 safety

CNS 14165

IEC 60529

ISO 20653

MIL-STD-810E Method 512.3

MIL-STD-810F Method 512.4

Degree of protection provided by enclosure (IP 11 to IP 69)

1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz

ISO 20653 only for IPX9K

Approval Signatory: LI, Yueh-Feng; SHEN, Li-Hung; LIN, Jimmy

■ 19. 99 Electronic and Electric

Electric & electronic products

E003 Composite Temperature/Humidity Cyclic Test

CNS 12566

Approval Signatory: LI, Yueh-Feng; LIN, Jimmy

■ 20. 21 Information Technology and Communication

Information and communication technology equipment

E001 Safety

CNS 15321

1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz;

3 ϕ , 440 V max., 50 Hz to 60 Hz, 50 A max.

60 Vdc max., 35 A max.

Approval Signatory: CHANG, Matt; CHEN, Jason; CHEN, Shih-Wei; PENG, Vicky; PAN, Andre; PAN, Jason

Testing Site: 1.No.8, Lane 29, Wenming Rd, Guishan Shiang Dist, Taoyuan City, 33383, Taiwan, R.O.C.

■ 20. 21 Information Technology and Communication

Information technology equipment – Safety –Part 1: General requirements, 3C Li-ion Power Bank & 3C Battery Charger

P39, total 75 pages



E001 safety
IEC 60950-1
EN 60950-1
CNS 14336-1
AS/NZS 60950.1
UL 60950-1
J60950-1
GB4943
CAN/CSA-C22.2 No.60950-1
1 ϕ , 300 Vac max., 47 Hz to 63 Hz, 50 A max.
3 ϕ , 440 V max., 47 Hz to 63 Hz, 50 A max.

Approval Signatory: CHANG, Matt; CHEN, Jason; PENG, Vicky; PAN, Jason

▀ 20. 21 Information Technology and Communication

Printers

E005 Energy efficiency

EPA announced EP labeling "Details of specification of standard management" No.19
(content 3.1)

250 Vac max., 20 A max., 60 Hz, 1 ϕ

Approval Signatory: CHEN, Jason; PAN, Andre; PAN, Jason

▀ 20. 21 Information Technology and Communication

Scanner

E005 Energy efficiency

EPA announced EP labeling "Details of specification of standard management" No.88
(content 3.1)

250 Vac max., 20 A max., 60 Hz, 1 ϕ

Approval Signatory: CHEN, Jason; CHEN, Shih-Wei; PAN, Andre; PAN, Jason

▀ 20. 21 Information Technology and Communication

Information Technology and Office Equipment (Computer)

E005 Energy efficiency

Energy Efficiency Criteria and Labeling Method;

EPA announced EP labeling "Details of specification of standard management" No.17
(contents 3.1)

1 ϕ , 250 Vac max., 20 A max., 60 Hz

Approval Signatory: CHEN, Jason; PENG, Vicky; PAN, Jason

▀ 20. 21 Information Technology and Communication

Electric Paper Shredders

E005 Energy efficiency

EPA announced EP labeling "Details of specification of standard management" No.146
P40, total 75 pages



(content 3.1, 3.2)

1 ϕ , 250 Vac max., 20 A max., 60 Hz

Approval Signatory: CHEN, Jason; PAN, Andre; PAN, Jason

▀ 20. 21 Information Technology and Communication

Computers

E005 Energy efficiency

ENERGY STAR® Program Requirements Product Specification for Computers

1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz

Approval Signatory: CHEN, Jason; PENG, Vicky; PAN, Jason

▀ 20. 21 Information Technology and Communication

Imaging Equipment including Digital Duplicator and Printer

E005 Energy efficiency

Imaging Equipment including Digital Duplicator and Printer-Energy Efficiency Criteria and Labeling Method

EPA announced EP labeling "Details of specification of standard management" No.19 (content 3.1)

EPA announced EP labeling "Details of specification of standard management" No.78 (content 4.1)

1 ϕ , 250 Vac max., 20 A max., 60 Hz

Approval Signatory: CHEN, Jason; PAN, Jason

▀ 20. 21 Information Technology and Communication

Information Technology and Office Equipment (Display)

E005 Energy efficiency

EPA announced EP labeling "Details of specification of standard management" No.18 (content 3.1)

1 ϕ , 250 Vac max., 20 A max., 60 Hz

Approval Signatory: CHEN, Jason; PENG, Vicky; PAN, Jason

E005 Energy efficiency

Energy Efficiency Criteria and Labeling Method

1 ϕ , 250 Vac max., 20 A max., 60 Hz

Approval Signatory: CHEN, Jason; PENG, Vicky; PAN, Jason

▀ 20. 21 Information Technology and Communication

Laser Products

O024 safety

CNS 15016-1

P41, total 75 pages



CNS 15527
IEC 60825-1
EN 60825-1
4 W max., 200 nm to 1100 nm;
CNS 15527 only for clause 3.1.3 and 5

Approval Signatory: WU, Chris; LIN, Jimmy

▀ 22. 05 Transportation Equipment
Electric vehicle AC conductive charging system
E001 Safety
CNS 15511-1
IEC 61851-1
1 ϕ , 250 Vac max., 50 Hz/60 Hz, 30 kVA max.

Approval Signatory: CHANG, Matt; CHEN, Jason; CHEN, Shih-Wei; PAN, Andre

▀ 22. 05 Transportation Equipment
Electric vehicle DC conductive charging system
E001 Safety
CNS 15511-1
IEC 61851-1
CNS 15511-23
IEC 61851-23
No.8, Lane 29, Wenming Rd., Guishan Dist, Taoyuan City, 33383, Taiwan R.O.C.:
Input: 3 ϕ , 380 Vac max., 50 Hz/60 Hz, (L-L) 175 A max., 250 kVA max.
Output: 1000 Vdc max., 250 A max., 250 kW max. (Exclude Chapter 102 Communication between EV and d.c. EV charging station)
No.195, Sec. 4, Chung Hsing Rd., Chutung: Township, Hsinchu County 31040, Taiwan (R.O.C.):
Input: 3 ϕ , 380 Vac max., 50 Hz/60 Hz, (L-L) 350 A max., 400 kVA max.
Output: 1000 Vdc max., 400 A max., 400 kW max.
Excluded Ch12.4 IP testing, Ch12.9 Damp Heat functional test and Ch12.10 (Minimum temperature functional test

Approval Signatory: CHANG, Matt; CHEN, Jason; CHEN, Shih-Wei; PAN, Andre
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist, Taoyuan City, 33383, Taiwan R.O.C.; 2.Bldg.56, No.195, Sec. 4, Chung Hsing Rd., Chutung Township, Hsinchu County 31040, Taiwan (R.O.C.)

▀ 22. 05 Transportation Equipment
Electric vehicle conductive charging system
E001 safety
CNS 15511-3
1 ϕ , 250 Vac max., 80 A max., 50 Hz/60 Hz
3 ϕ , 380 Vac max., 200 A max., 50 Hz/60 Hz
DC 250 kW max.
P42, total 75 pages



excluded Ch 6.3.14, Ch 6.3.22

Approval Signatory: LI, Yueh-Feng; CHANG, Matt; PAN, Jason

■ 22. 05 Transportation Equipment

Electric motorcycles conductive charging system

E001 safety

CNS 15425-1

1 ϕ , 300 Vac max., 47 Hz to 63 Hz, 30 A max.

3 ϕ , 440 V max., 50 Hz to 60 Hz, 30 A max.

120 Vdc max., 30 A max.

Approval Signatory: LI, Yueh-Feng; CHANG, Matt; CHEN, Jason; PENG, Vicky

■ 22. 05 Transportation Equipment

Electric motorcycles conductive charging system – Part 2: The safe connection requirements

E001 safety

CNS 15425-2

1 ϕ , 300 Vac max., 47 Hz to 63 Hz, 30 A max.

3 ϕ , 440 V max., 50 Hz to 60 Hz, 30 A max.

120 Vdc max., 30 A max.

Approval Signatory: LI, Yueh-Feng; CHANG, Matt; CHEN, Jason; PENG, Vicky

■ 22. 05 Transportation Equipment

Electric vehicle DC conductive charging system

E019 Digital communication between a d.c. EV charging station and an electric vehicle for control of d.c. charging

CNS 15511-24

IEC 61851-24

Approval Signatory: CHANG, Matt; HSU, Smith; CHEN, Jason; CHEN, Shih-Wei; HUANG, William; PAN, Andre

**Accreditation Program for Designated Testing Laboratory for
Commodities Inspection**

■ 18. 01 Commodity

5G Smart pole

E001 Safety

5G Smart pole system technical specification-Part 1: General requirement

5G Smart pole system technical specification-Part 5: Electrical Safety Requirements

1 ϕ , 300 Vac max., 60 Hz, 30 A max.

3 ϕ , 440 V max., 60 Hz, 30 A max.

(Include on site testing, On site test exclude the test for Degree of protection provided by

P43, total 75 pages

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



enclosure (IP code) and humidity testing)

Approval Signatory: CHANG, Matt; CHEN, Jason; CHEN, Shih-Wei; PAN, Andre

E001 Safety-Power supply systems requirements
5G Smart pole system technical specification-Part 1: General requirements
5G Smart pole system technical specification-Part 8: Power supply systems requirements
On-site testing only for clause 4.2

Approval Signatory: WU, Chris; LIN, Jimmy

■ 18.01 Commodity

G5/G13 Double-capped integrated LED lamps

E001 Safety

CNS 15983 (2019)

1 ϕ , 250 Vac max., 125 W max., 50 Hz/60 Hz;

150 Vdc max., 125 W max.

Approval Signatory: WU, Chris; LIN, Jimmy

Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist, Taoyuan City, 33383, Taiwan
R.O.C; 2.No.64, Wenming Rd, Guishan Shiang Dist, Taoyuan City, Taiwan, 33383, R.O.C.

■ 18.01 Commodity

Portable general purpose luminaires

E001 safety

CNS 14335 (1999)

IEC 60598-2-4 (1997)

1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz

Approval Signatory: WU, Chris; LIN, Jimmy; CHEN, Michael

Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist, Taoyuan City, 33383, Taiwan
R.O.C; 2.No.64, Wenming Rd, Guishan Shiang Dist, Taoyuan City, Taiwan, 33383, R.O.C.

■ 18.01 Commodity

Luminaires with built-in transformers for filament lamps

E001 safety

CNS 14335 (1999)

IEC 60598-2-6 (1994) (1996)

1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz

Approval Signatory: WU, Chris; LIN, Jimmy; CHEN, Michael

Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist, Taoyuan City, 33383, Taiwan
R.O.C; 2.No.64, Wenming Rd, Guishan Shiang Dist, Taoyuan City, Taiwan, 33383, R.O.C.

■ 18.01 Commodity

P44, total 75 pages



Aquarium luminaires

E001 safety

CNS 14335 (1999)

IEC 60598-2-11 (2005)

1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz

Approval Signatory: WU, Chris; LIN, Jimmy; CHEN, Michael

Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist, Taoyuan City, 33383, Taiwan

R.O.C; 2.No.64, Wenming Rd, Guishan Shiang Dist, Taoyuan City, Taiwan, 33383, R.O.C.

18.01 Commodity

Double-capped LED lamps designed to retrofit linear fluorescent lamps

E001 Safety

CNS 15829 (2015)

1 ϕ , 250 Vac max., 125 W max., 50 Hz/60 Hz;

150 Vdc max., 125 W max.

Approval Signatory: WU, Chris; LIN, Jimmy

Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist, Taoyuan City, 33383, Taiwan

R.O.C; 2.No.64, Wenming Rd, Guishan Shiang Dist, Taoyuan City, Taiwan, 33383, R.O.C.

18.01 Commodity

Self-ballasted LED-lamps for general lighting services

E001 safety

CNS 15436 (2012)

1 ϕ , 250 Vac max., 60 W max., 50 Hz/60 Hz

Approval Signatory: WU, Chris; LIN, Jimmy; CHEN, Michael

Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist, Taoyuan City, 33383, Taiwan

R.O.C; 2.No.64, Wenming Rd, Guishan Shiang Dist, Taoyuan City, Taiwan, 33383, R.O.C.

18.01 Commodity

Fixed general purpose luminaires

E001 safety

CNS 14335 (1999)

IEC 60598-2-1 (1979) (1987)

1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz

Approval Signatory: WU, Chris; LIN, Jimmy; CHEN, Michael

Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist, Taoyuan City, 33383, Taiwan

R.O.C; 2.No.64, Wenming Rd, Guishan Shiang Dist, Taoyuan City, Taiwan, 33383, R.O.C.

18.01 Commodity

Recessed luminaires

E001 safety

CNS 14335 (1999)

P45, total 75 pages



IEC 60598-2-2 (1979) (1997-01)
1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz

Approval Signatory: WU, Chris; LIN, Jimmy; CHEN, Michael
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist, Taoyuan City, 33383, Taiwan
R.O.C; 2.No.64, Wenming Rd, Guishan Shiang Dist, Taoyuan City, Taiwan, 33383, R.O.C.

■ 18.01 Commodity

Lighting chain
E001 safety
CNS 14335 (1999)
IEC 60598-2-20 (1998)
1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz

Approval Signatory: WU, Chris; LIN, Jimmy; CHEN, Michael
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist, Taoyuan City, 33383, Taiwan
R.O.C; 2.No.64, Wenming Rd, Guishan Shiang Dist, Taoyuan City, Taiwan, 33383, R.O.C.

■ 18.01 Commodity

Extra low-voltage lighting systems for filament lamps
E001 safety
CNS 14335 (1999)
IEC 60598-2-23 (1996) (2001)
1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz

Approval Signatory: WU, Chris; LIN, Jimmy; CHEN, Michael
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist, Taoyuan City, 33383, Taiwan
R.O.C; 2.No.64, Wenming Rd, Guishan Shiang Dist, Taoyuan City, Taiwan, 33383, R.O.C.

■ 18.01 Commodity

Double-capped LED tubular lamps
E001 safety
CNS 15438 (2019)
1 ϕ , 250 Vac max., 125 W max., 50 Hz/60 Hz
150 Vdc max., 125 W max.

Approval Signatory: WU, Chris; LIN, Jimmy; CHEN, Michael
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist, Taoyuan City, 33383, Taiwan
R.O.C; 2.No.64, Wenming Rd, Guishan Shiang Dist, Taoyuan City, Taiwan, 33383, R.O.C.

■ 18.01 Commodity

Self-ballasted LED lamps for general lighting services
with supply voltage > 50 V
O995 Optical and Electrical
CNS 15630 (2019)
1 ϕ , 300 Vac max., 20 A max., 50 Hz/60 Hz;
P46, total 75 pages



Excluded Electromagnetic noise and Surge Protection Test

Approval Signatory: WU, Chris; LIN, Jimmy
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist, Taoyuan City, 33383, Taiwan
R.O.C; 2.No.64, Wenming Rd, Guishan Shiang Dist, Taoyuan City, Taiwan, 33383, R.O.C.

■ 18.01 Commodity

Double-capped LED lamps
0995 Optical and Electrical Inspection
CNS 16027 (2019)
1 ϕ , 300 Vac max., 20 A max., 50 Hz/60 Hz;
Excluded Electromagnetic noise and Surge Protection Test

Approval Signatory: WU, Chris; LIN, Jimmy
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist, Taoyuan City, 33383, Taiwan
R.O.C; 2.No.64, Wenming Rd, Guishan Shiang Dist, Taoyuan City, Taiwan, 33383, R.O.C.

■ 18.02 Commodity

Electrical appliances for use with aquariums and garden ponds
E001 safety
CNS 60335-1 (2014)
CNS 60335-2-55 (2015)
1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz;
60 Vdc max., 35 A max.

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

■ 18.02 Commodity

Battery chargers
E001 safety
CNS 60335-1 (2014)
CNS 60335-2-29 (2016)
CNS 60335-2-29 (2019)
1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

■ 18.02 Commodity

Appliances for heating liquid
E001 safety
CNS 60335-1 (2014)
CNS 60335-2-15 (2014)
1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu



■ 18.02 Commodity

Spin extractors for clothes

E001 safety

CNS 60335-1 (2014)

CNS 60335-2-4 (2015)

1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YU, Yi-Chun; PAN, Andre

■ 18.02 Commodity

Floor treatment machines and wet scrubbing machines

E001 safety

CNS 60335-1 (2014)

CNS 60335-2-10 (2015)

1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz;

60 Vdc max., 35 A max.

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

■ 18.02 Commodity

Refrigerators appliances and ice-makers

E001 safety

CNS 60335-1 (2014)

CNS 60335-2-24 (2016)

1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz;

60 Vdc max., 35 A max.

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YU, Yi-Chun; PAN, Andre

E005 Energy efficiency

CNS 2062 (2000) (clause 5.2, 5.3, 5.10 and 7)

1 ϕ , 250 Vac max., 20 A max., 60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YU, Yi-Chun

■ 18.02 Commodity

instantaneous water heaters

E001 safety

CNS 60335-1 (2014)

CNS 60335-2-35 (2016)

1 ϕ , 250 Vac max., 50 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu



■ 18.02 Commodity

Vacuum cleaners and water suction cleaning

E001 safety

CNS 60335-1 (2014)

CNS 60335-2-2 (2015)

1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz;

60 Vdc max., 35 A max.

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

■ 18.02 Commodity

Shavrs, hair clippers and similar appliances

E001 safety

CNS 60335-1 (2014)

CNS 60335-2-8 (2015)

1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz;

60 Vdc max., 35 A max.

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

■ 18.02 Commodity

Deep fat fryers, frying pan and similar appliances

E001 safety

CNS 60335-1 (2014)

CNS 60335-2-13 (2014)

1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

■ 18.02 Commodity

Thermal-storage room heaters

E001 safety

CNS 60335-1 (2014)

CNS 60335-2-61 (2015)

1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

■ 18.02 Commodity

Warming plates and similar appliances

E001 safety

CNS 60335-1 (2014)

CNS 60335-2-12 (2014)

1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz



Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

■ 18.02 Commodity

Room heater

E001 safety

CNS 60335-1 (2014)

CNS 60335-2-30 (2015)

1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

■ 18.02 Commodity

Massage appliances

E001 safety

CNS 60335-1 (2014)

CNS 60335-2-32 (2015)

1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz;

60 Vdc max., 35 A max.

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

■ 18.02 Commodity

Washing machine

E001 safety

CNS 60335-1 (2014)

CNS 60335-2-7 (2014)

1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YU, Yi-Chun; PAN, Andre

■ 18.02 Commodity

Dishwasher, dish dryer

E001 safety

CNS 60335-1 (2014)

CNS 60335-2-5 (2015)

1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

■ 18.02 Commodity

Appliances for skin and hair care, hand dryer, hair dryer

E001 safety

CNS 60335-1 (2014)

CNS 60335-2-23 (2015)

P50, total 75 pages

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



1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz;
60 Vdc max., 35 A max.

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

■ 18.02 Commodity

Fans

E001 safety

CNS 60335-1 (2014)

CNS 60335-2-80 (2015)

1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz;

60 Vdc max., 35 A max.

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

■ 18.02 Commodity

Household electric floor polishers

E001 safety

CNS 60335-1 (2014)

CNS 60335-2-10 (2015)

1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz;

60 Vdc max., 35 A max.

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

■ 18.02 Commodity

Insect killer

E001 safety

CNS 60335-1 (2014)

CNS 60335-2-59 (2015)

1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz;

60 Vdc max., 35 A max.

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

■ 18.02 Commodity

Portable immersion heaters

E001 safety

CNS 60335-1 (2014)

CNS 60335-2-74 (2015)

1 ϕ , 250 Vac max., 3 kW max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu



18.02 Commodity

Toasters, grills, roasters, hob, cooking ranges, cooking tables, oven, cooking stove and similar appliances

E001 safety

CNS 60335-1 (2014)

CNS 60335-2-6 (2015)

CNS 60335-2-9 (2016)

1 ϕ , 250 Vac max., 50 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

18.02 Commodity

O₃ generators, air-cleaning appliances

E001 safety

CNS 60335-1 (2014)

CNS 60335-2-65 (2015)

1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz;

60 Vdc max., 35 A max.

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

18.02 Commodity

Toilets appliances

E001 Safety

CNS 60335-1 (2014)

CNS 60335-2-84 (2017)

1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YEN, Ko-Chu

18.02 Commodity

Clothes dryers and towel rails

E001 safety

CNS 60335-1 (2014)

CNS 60335-2-43 (2015)

1 ϕ , 250 Vac max., 50 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YU, Yi-Chun; PAN, Andre; YEN, Ko-Chu

18.02 Commodity

Range hood

E001 safety

CNS 60335-1 (2014)

CNS 60335-2-31 (2015)

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



CNS 3805 (1989)

1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz

CNS 3805 (1989) only clause 3.7 「 Air volume 」

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

■ 18.02 Commodity

UV disinfection (sterilization) electrical appliances

E001 safety

CNS 60335-1 (2014)

Bureau of Standards, Metrology and Inspection, M.O.E.A.

Relevant inspection regulations of mandatory inspection for UV disinfection (sterilization) electrical appliances (2022)

1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz;

60 Vdc max., 20 A max.

No.8, Lane 29, Wenming Rd, Guishan Shiang Dist, Taoyuan City: Except clause 32-

Measurement for photobiological safety of lamps and lamp systems

No.64, Wenming Rd, Guishan Shiang Dist, Taoyuan City: Only for clause 32-Measurement for photobiological safety of lamps and lamp systems

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YEN, Ko-Chu

Testing Site: 1.No.8, Lane 29, Wenming Rd, Guishan Shiang Dist, Taoyuan City, 33383,

Taiwan, R.O.C.; 2.No.64, Wenming Rd, Guishan Shiang Dist, Taoyuan City, Taiwan,

33383, R.O.C.

■ 18.02 Commodity

Electric storage tank water heaters

E001 safety

CNS 60335-1 (2014)

CNS 60335-2-21 (2015)

1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

E005 Energy efficiency

CNS 11010 (2013) (clause 8.11 and 8.14)

1 ϕ , 250 Vac max., 30 A max., 60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YEN, Ko-Chu

■ 18.02 Commodity

Microwave oven

E001 safety

CNS 60335-1 (2014)

CNS 60335-2-25 (2016)

1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz

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Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

E005 Energy efficiency
CNS 60705 (2018) (clause 6, 8 and 9)
CNS 62301 (2017)
1 ϕ , 250 Vac max., 20 A max., 60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YEN, Ko-Chu

■ 18.02 Commodity
Blankets, pads and similar flexible heating appliances
E001 safety
CNS 60335-1 (2014)
CNS 60335-2-17 (2015)
1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz;
60 Vdc max., 35 A max.

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

■ 18.02 Commodity
Foot warmers and heating mats
E001 safety
CNS 60335-1 (2014)
CNS 60335-2-81 (2015)
1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

■ 18.02 Commodity
Electrical heat pumps, air-conditioners and dehumidifiers
E001 safety
CNS 3765 (2005)
IEC 60335-2-40 (2005-07)
CNS 60335-1 (2014)
CNS 60335-2-40 (2015)
1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz; 3 ϕ , 380 Vac max., 45 kVA max., 50 Hz/60 Hz
No.8, Lane 29, Wenming Rd, Guishan Shiang Dist, Taoyuan City: CNS 3765,
CNS 60335-1, CNS 60335-2-40, IEC/EN 60335-1 and IEC/EN 60335-2-40 except 3 ϕ
for clause 10, 11 and 19;
No.2-1, Nan-Yuang Rd, Zhongli Dist, Taoyuan City: CNS 3765, CNS 60335-1, CNS
60335-2-40, IEC/EN 60335-1 and IEC/EN 60335-2-40 only for clause 10, 11 and 19
No.64, Wenming Rd, Guishan Shiang Dist, Taoyuan City: Except 3 ϕ ; CNS 3765,
CNS 60335-1, CNS 60335-2-40, IEC/EN 60335-1 and IEC/EN 60335-2-40 Only
for clause 10, 11 and 19

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



Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YU, Yi-Chun; PAN, Andre

E005 Energy efficiency

CNS 3615 (2013) (Excluded 5.7, 5.8, 5.9 and 5.10)

CNS 12492 (2010)

No.8, Lane 29, Wenming Rd, Guishan Shiang Dist, Taoyuan City, 33383, Taiwan, R.O.C: 1 ϕ , 250 Vac max., 30 A max., 60 Hz

No.2-1, Nan-Yuang Rd. Jung Li, Zhongli Dist, Taoyuan City 320, Taiwan, R.O.C.: 1 ϕ , 250 Vac max., 30 A max., 60 Hz; 3 ϕ , 380 Vac max., 45 kVA max., 60 Hz

No.64, Wenming Rd, Guishan Shiang Dist, Taoyuan City, Taiwan, 33383, R.O.C.: 1 ϕ , 250 Vac max., 30 A max., 60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YU, Yi-Chun

Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist, Taoyuan City, 33383, Taiwan

R.O.C; 2.No.2-1, Nan-Yuang Rd. Jung Li, Zhongli Dist, Taoyuan City 320, Taiwan,

R.O.C.; 3.No.64, Wenming Rd, Guishan Shiang Dist, Taoyuan City, Taiwan, 33383, R.O.C.

■ 18.02 Commodity

Electric iron

E001 safety

CNS 60335-1 (2014)

CNS 60335-2-3 (2014)

1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

■ 18.02 Commodity

Tumbling dryer

E001 safety

CNS 60335-1 (2014)

CNS 60335-2-11 (2014)

1 ϕ , 250 Vac max., 50 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YU, Yi-Chun; PAN, Andre

■ 18.02 Commodity

Kitchen machine

E001 safety

CNS 60335-1 (2014)

CNS 60335-2-14 (2015)

1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz;

60 Vdc max., 35 A max.

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu



18.02 Commodity

Heat pump water heaters

E001 safety

CNS 60335-1 (2014)

CNS 60335-2-21 (2015)

CNS 60335-2-40 (2015)

1 φ, 250 Vac max., 30 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YU, Yi-Chun; PAN, Andre

Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist, Taoyuan City, 33383, Taiwan

R.O.C; 2.No.2-1, Nan-Yuang Rd. Jung Li, Zhongli Dist, Taoyuan City 320, Taiwan, R.O.C.

18.02 Commodity

Motor-Compressor

E001 safety

CNS 3765 (2005)

CNS 3765-34 (2000)

1 φ, 250 Vac max., 30 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YU, Yi-Chun; PAN, Andre

18.02 Commodity

Fabric steamers

E001 safety

CNS 60335-1 (2014)

CNS 60335-2-85 (2020)

1 φ, 250 Vac max., 30 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YEN, Ko-Chu

18.02 Commodity

Appliances for heating liquidsafety

E005 energy efficiency

CNS 3910 (2016) (Clause 5, 8.3, 10 and 13)

CNS 12625 (2012) (Clause 5.4, 5.7 and 11)

CNS 13516 (2014) (Clause 6.3, 6.7, 6.9, 6.11 and 7.1. (i))

CNS 15929 (2016) (Clause 6.3, 6.8, and 6.10)

CNS 2518 (2016) (Clause 6.5 and 7. (g))

CNS 12623 (2014) (Clause 10.7 and 10.8)

1 φ, 250 Vac max., 20 A max., 60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YEN, Ko-Chu

18.02 Commodity

Air source heat pump water heaters

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



E005 Energy efficiency

CNS 15466 (2011)

No.2-1, Nan-Yuang Rd. Jung Li, Zhongli Dist, Taoyuan City 320, Taiwan, R.O.C.:

1 ϕ , 250 Vac max., 30 A max., 60 Hz;

3 ϕ , 380 Vac max., 30 A max., 60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YU, Yi-Chun

Testing Site: 1.No.2-1, Nan-Yuang Rd. Jung Li, Zhongli Dist, Taoyuan City 320, Taiwan, R.O.C.

18.04 Commodity

Audio/video, information and communication technology equipment

E001 safety

CNS 15598-1 (2020)

1 ϕ , 600 Vac max., 47 Hz to 63 Hz, 50 A max.

3 ϕ , 440 V max., 50 Hz to 60 Hz, 50 A max.

60 Vdc max., 35 A max.

Approval Signatory: CHANG, Matt; CHEN, Jason; PENG, Vicky; PAN, Andre;

PAN, Jason

18.04 Commodity

Audio, video and similar electronic apparatus-Safety requirements

E001 safety

CNS 14408 (2004)

250 Vac max., 30 A max., 50 Hz/60 Hz, 1 ϕ

Approval Signatory: CHANG, Matt; CHEN, Jason; PENG, Vicky; PAN, Jason

19.06 Electronic and Electric

Uninterruptible power supply

E001 safety

CNS 14843-1 (2004)

CNS 14843-2 (2004)

CNS 14336-1 (2010)

1 ϕ , 300 Vac max., 47 Hz to 63 Hz, 30 A max.

3 ϕ , 440 V max., 50 Hz to 60 Hz, 150 kVA max.

Approval Signatory: CHEN, Jason; PENG, Vicky; PAN, Jason

19.11 Electronic and Electric

Portable Electric Grinders

E001 safety

CNS 3265 (2001)

CNS 10609 (1995)

1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz

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Approval Signatory: SHEN, Li-Hung

■ 19. 11 Electronic and Electric
Portable Electric Disk-type Sanders
E001 Safety
CNS 3266 (2001)
CNS 10610 (1995)
1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung; YU, Yi-Chun

■ 19. 11 Electronic and Electric
Circular saws, circular knives and Portable Electric Circular Saws
E001 safety
CNS 9811 (2001)
CNS 9812 (1995)
1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung

■ 19. 11 Electronic and Electric
Drills
E001 safety
CNS 3264 (2001)
IEC 60745-1 (2001) +A1 (2002)
IEC 60745-2-1 (2003)
1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung

■ 19. 11 Electronic and Electric
Grinders, polishers and disk-type sanders
E001 safety
IEC 60745-1 (2001) +A1 (2002)
IEC 60745-2-3 (1984) +A1 (1995)
1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung

■ 20. 21 Information Technology and Communication
Information and communication technology equipment
E001 Safety
CNS 15321 (99)

P58, total 75 pages

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



1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz;
3 ϕ , 440 V max., 50 Hz to 60 Hz, 50 A max.
60 Vdc max., 35 A max.

Approval Signatory: CHANG, Matt; CHEN, Jason; CHEN, Shih-Wei; PENG, Vicky;
PAN, Andre; PAN, Jason

▀ 20. 21 Information Technology and Communication

Information technology equipment – Safety –Part 1: General requirements, 3C Li-ion
Power Bank & 3C Battery Charger

E001 Safety

CNS 14336-1 (2010)

1 ϕ , 300 Vac max., 47 Hz to 63 Hz, 30 A max.

3 ϕ , 440 V max., 50 Hz/60 Hz, 30 A max.

Approval Signatory: CHANG, Matt; CHEN, Jason; PENG, Vicky; PAN, Jason

▀ 20. 21 Information Technology and Communication

Laser Products

O024 safety

CNS 15016-1 (2014)

CNS 15527 (2018)

4 W max., 200 nm to 1100 nm;

CNS 15527 only for clause 3.1.3 and 5

Approval Signatory: WU, Chris; LIN, Jimmy

▀ 22. 05 Transportation Equipment

Electric vehicle AC conductive charging system

E001 Safety

CNS 15511-1 (2021)

1 ϕ , 250 Vac max., 50 Hz/60 Hz, 30 kVA max.

Approval Signatory: CHANG, Matt; CHEN, Jason; CHEN, Shih-Wei; PAN, Andre

▀ 22. 05 Transportation Equipment

Electric vehicle DC conductive charging system

E001 Safety

CNS 15511-1 (2021)

CNS 15511-23 (2021)

No.8, Lane 29, Wenming Rd., Guishan Dist, Taoyuan City, 33383, Taiwan R.O.C.:

Input: 3 ϕ , 380 Vac max., 50 Hz/60 Hz, (L-L) 175 A max., 250 kVA max.

Output: 1000 Vdc max., 250 A max., 250 kW max. (Exclude Chapter 102 Communication
between EV and d.c. EV charging station)

No.195, Sec. 4, Chung Hsing Rd., Chutung: Township, Hsinchu County 31040, Taiwan
P59, total 75 pages



(R.O.C.) :

Input: 3 ϕ , 380 Vac max., 50 Hz/60 Hz, (L-L) 350 A max., 400 kVA max.

Output: 1000 Vdc max., 400 A max., 400 kW max.

Excluded Ch12.4 IP testing, Ch12.9 Damp Heat functional test and Ch12.10 (Minimum temperature functional test

Approval Signatory: CHANG, Matt; CHEN, Jason; CHEN, Shih-Wei; PAN, Andre

Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist, Taoyuan City, 33383, Taiwan

R.O.C; 2.Bldg.56, No.195, Sec. 4, Chung Hsing Rd., Chutung Township, Hsinchu County 31040, Taiwan (R.O.C.)

▀ 22. 05 Transportation Equipment

Electric vehicle conductive charging system

E001 safety

CNS 15511-3 (2012)

1 ϕ , 250 Vac max., 80 A max., 50 Hz/60 Hz

3 ϕ , 380 Vac max., 200 A max., 50 Hz/60 Hz

DC 250 kW max.

excluded Ch 6.3.14, Ch 6.3.22

Approval Signatory: LI, Yueh-Feng; CHANG, Matt; PAN, Jason

▀ 22. 05 Transportation Equipment

Electric motorcycles conductive charging system

E001 safety

CNS 15425-1 (2011)

CNS 15425-1 (2015)

1 ϕ , 300 Vac max., 47 Hz to 63 Hz, 30 A max.

3 ϕ , 440 V max., 50 Hz to 60 Hz, 30 A max.

120 Vdc max., 30 A max.

Approval Signatory: CHANG, Matt; CHEN, Jason; PENG, Vicky

▀ 22. 05 Transportation Equipment

Electric vehicle DC conductive charging system

E019 Digital communication between a d.c. EV charging station and an electric vehicle for control of d.c. charging

CNS 15511-24 (2013)

Approval Signatory: CHANG, Matt; HSU, Smith; CHEN, Jason; CHEN, Shih-Wei;

HUANG, William; PAN, Andre

**Accreditation Program for Environmental protection product
certification Testing Laboratory**



■ 18.02 Commodity

Chilled-warm-hot water dispensers

E005 Energy efficiency

EPA announced EP labeling "Details of specification of standard management" No.87
(content 4.1)

1 ϕ , 250 Vac max., 30 A max., 60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YEN, Ko-Chu

■ 18.02 Commodity

Chilled-warm-hot water fountain machines

E005 Energy efficiency

EPA announced EP labeling "Details of specification of standard management" No.91
(content 3.0)

1 ϕ , 250 Vac max., 30 A max., 60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YEN, Ko-Chu

■ 18.02 Commodity

Air conditioners (Non-ducted type)

E005 Energy efficiency

EPA announced EP labeling "Details of specification of standard management" No.29
(contents 4.1, 4.2)

No. 8, Lane 29, Wenming Rd, Guishan Shiang Dist.: 1 ϕ , 250 Vac max., 30 A max., 60 Hz

No. 2-1, Nan-Yuang Rd., Jung Li Dist.: 1 ϕ , 250 Vac max., 30 A max., 60 Hz; 3 ϕ ,
380 Vac max., 45 kVA max., 60 Hz

No. 64, Wen-Ming Rd., Guishan Shiang Dist.: 1 ϕ , 250 Vac max., 30 A max., 60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YU, Yi-Chun

Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist, Taoyuan City, 33383, Taiwan

R.O.C.; 2.No.2-1, Nan-Yuang Rd. Jung Li, Zhongli Dist, Taoyuan City 320, Taiwan,

R.O.C.; 3.No.64, Wenming Rd, Guishan Shiang Dist, Taoyuan City, Taiwan, 33383, R.O.C.

■ 18.02 Commodity

Air Source Heat Pump Water Heaters

E005 Energy efficiency

EPA announced EP labeling "Details of specification of standard management" No.132
(content 2.1, 2.2)

1 ϕ , 250 Vac max., 30 A max., 60 Hz

3 ϕ , 380 Vac max., 30 A max., 60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YU, Yi-Chun

Testing Site: 1.No.2-1, Nan-Yuang Rd. Jung Li, Zhongli Dist, Taoyuan City 320, Taiwan,
R.O.C.



■ 18.02 Commodity

Clothes washer

E005 Energy efficiency

EPA announced EP labeling "Details of specification of standard management" No.23
(contents 3.1, 3.2)

1 φ, 250 Vac max., 30 A max., 60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YU, Yi-Chun

■ 18.02 Commodity

Dehumidifier

E005 Energy efficiency

EPA announced EP labeling "Details of specification of standard management" No.48
(content 2.0)

1 φ, 250 Vac max., 30 A max., 60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YU, Yi-Chun; YEN, Ko-Chu

■ 18.02 Commodity

Electric storage tank boiling water heaters

E005 Energy efficiency

EPA announced EP labeling "Details of specification of standard management" No.111
(content 2.1)

1 φ, 250 Vac max., 30 A max., 60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YEN, Ko-Chu

■ 18.02 Commodity

Electric storage tank water heaters

E005 Energy efficiency

EPA announced EP labeling "Details of specification of standard management" No.101
(content 2.0)

1 φ, 250 Vac max., 30 A max., 60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YEN, Ko-Chu

■ 18.02 Commodity

Warm-hot water dispensers

E005 Energy efficiency

EPA announced EP labeling "Details of specification of standard management" No.87
(content 4.1)

1 φ, 250 Vac max., 30 A max., 60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YEN, Ko-Chu



18.02 Commodity

Warm-hot water fountain machines

E005 Energy efficiency

EPA announced EP labeling "Details of specification of standard management" No.91

(content 3.0)

1 ϕ , 250 Vac max., 30 A max., 60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YEN, Ko-Chu

18.02 Commodity

Refrigerators

E005 Energy efficiency

EPA announced EP labeling "Details of specification of standard management" No.28

(content 2.0)

1 ϕ , 250 Vac max., 30 A max., 60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YU, Yi-Chun

18.02 Commodity

Electric fan

E005 Energy efficiency

EPA announced EP labeling "Details of specification of standard management" No.81

(content 1.2)

1 ϕ , 250 Vac max., 30 A max., 60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YEN, Ko-Chu

18.04 Commodity

Audio and Video Equipment (TV)

E005 Energy efficiency

EPA announced EP labeling "Details of specification of standard management" No.85

(content 3.1)

250 Vac max., 20 A max., 60 Hz, 1 ϕ

Approval Signatory: CHEN, Jason; PENG, Vicky; PAN, Jason

20.21 Information Technology and Communication

Printers

E005 Energy efficiency

EPA announced EP labeling "Details of specification of standard management" No.19

(content 3.1)

250 Vac max., 20 A max., 60 Hz, 1 ϕ

Approval Signatory: CHEN, Jason; PAN, Andre; PAN, Jason



20. 21 Information Technology and Communication

Scanner

E005 Energy efficiency

EPA announced EP labeling "Details of specification of standard management" No. 88

(content 3.1)

1 ϕ , 250 Vac max., 20 A max., 60 Hz

Approval Signatory: CHEN, Jason; CHEN, Shih-Wei; PAN, Andre; PAN, Jason

20. 21 Information Technology and Communication

Information Technology and Office Equipment (Computer)

E005 Energy efficiency

EPA announced EP labeling "Details of specification of standard management" No.66

(contents 3.1, 3.2)

250 Vac max., 20 A max., 60 Hz, 1 ϕ

Approval Signatory: CHEN, Jason; PENG, Vicky; PAN, Jason

20. 21 Information Technology and Communication

Electric Paper Shredders

E005 Energy efficiency

EPA announced EP labeling "Details of specification of standard management" No.146

(content 3.1)

Approval Signatory: CHEN, Jason; PAN, Andre; PAN, Jason

20. 21 Information Technology and Communication

Imaging Equipment, Including Digital Copier

E005 Energy efficiency

EPA announced EP labeling "Details of specification of standard management" No.78

(content 4.1)

250 Vac max., 20 A max., 60 Hz, 1 ϕ

Approval Signatory: CHEN, Jason; PAN, Jason

20. 21 Information Technology and Communication

Information Technology and Office Equipment (Display)

E005 Energy efficiency

EPA announced EP labeling "Details of specification of standard management" No.18

(content 3.1)

1 ϕ , 250 Vac max., 20 A max., 60 Hz

Approval Signatory: CHEN, Jason; PENG, Vicky; PAN, Jason



Accreditation Program for BSMI Mutual Recognition Arrangement with Foreign Authorities

18.01 Commodity

d.c. or a.c. supplied electronic controlgear for LED modules

E001 safety

IEC 61347-2-13: 2006

1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz

150 Vdc max., 20 A max.

Approval Signatory: WU, Chris; LIN, Jimmy; CHEN, Michael

Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist, Taoyuan City, 33383, Taiwan

R.O.C; 2.No.64, Wenming Rd, Guishan Shiang Dist, Taoyuan City, Taiwan, 33383, R.O.C.

18.01 Commodity

Electric table, desk, bedside of floor-standing lamp

E001 safety

IEC 60598-1

IEC 60598-2-4: 2017

1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz

Approval Signatory: WU, Chris; LIN, Jimmy; CHEN, Michael

Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist, Taoyuan City, 33383, Taiwan

R.O.C; 2.No.64, Wenming Rd, Guishan Shiang Dist, Taoyuan City, Taiwan, 33383, R.O.C.

18.01 Commodity

Lighting chain

E001 safety

IEC 60598-2-20: 2002

1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz

Approval Signatory: WU, Chris; LIN, Jimmy; CHEN, Michael

Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist, Taoyuan City, 33383, Taiwan

R.O.C; 2.No.64, Wenming Rd, Guishan Shiang Dist, Taoyuan City, Taiwan, 33383, R.O.C.

18.02 Commodity

Battery chargers

E001 safety

IEC 60335-2-29: 2004

1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

18.02 Commodity

appliances for heating liquids

E001 safety

P65, total 75 pages



IEC 60335-1
IEC 60335-2-15: 2002
PNS IEC 60335-1: 2011
PNS IEC 60335-2-15: 2015
1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

■ 18.02 Commodity

Shavrs, hair clippers and similar appliances

E001 safety

IEC 60335-2-8: 2002

1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz;

60 Vdc max., 35 A max.

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

■ 18.02 Commodity

Deep fryer, frying pan and similar appliances

E001 safety

IEC 60335-2-13: 2002

1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

■ 18.02 Commodity

Room air-conditioner

E001 safety

IEC 60335-2-40: 2002

PNS IEC 60335-1: 2011

PNS IEC 60335-2-40: 2013

PNS 396-1: 1998

1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz ; 3 ϕ , 380 Vac max., 45 kVA max., 50 Hz/60 Hz

No.8, Lane 29, Wenming Rd, Guishan Shiang Dist, Taoyuan City: IEC 60335-2-40, PNS IEC 60335-1 (2011) and PNS IEC 60335-2-40 (2013)

No.2-1, Nan-Yuang Rd. Jung Li, Zhongli Dist, Taoyuan City: IEC 60335-2-40, PNS IEC 60335-1 (2011) and PNS IEC 60335-2-40 (2013) (Only clause 10, 11, 19 apply)

No.64, Wenming Rd, Guishan Shiang Dist, Taoyuan City: IEC 60335-2-40, PNS IEC 60335-1 (2011) and PNS IEC 60335-2-40 (2013) (Only clause 10, 11, 19 apply)

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YU, Yi-Chun; PAN, Andre

■ 18.02 Commodity

Washing machine

E001 safety

P66, total 75 pages



IEC 60335-2-7: 2000
1 ϕ , 250 Vac max., 20 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YU, Yi-Chun; PAN, Andre

■ 18.02 Commodity

Table & standing fan, wall fans (include ceiling fans)

E001 safety

IEC 60335-2-80: 2002

SS 655: 2020

1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz;

60 Vdc max., 35 A max.;

SS 655 (2020) Annex ZA only

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

■ 18.02 Commodity

Appliances for grills, toasters and similar portable cooking

E001 safety

IEC 60335-1

IEC 60335-2-9: 2002

PNS IEC 60335-1: 2011

PNS IEC 60335-2-9: 2016

1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

■ 18.02 Commodity

Vacuum cleaner

E001 safety

IEC 60335-2-2: 2002

1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz;

60 Vdc max., 35 A max.

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

■ 18.02 Commodity

Hair dryer

E001 safety

IEC 60335-2-23: 2003

1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz;

60 Vdc max., 35 A max.

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu



■ 18.02 Commodity

Cooking range

E001 safety

IEC 60335-2-6: 2002

1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

■ 18.02 Commodity

Microwave oven

E001 safety

IEC 60335-2-25: 2002

1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

■ 18.02 Commodity

Refrigerator

E001 safety

IEC 60335-2-24: 2000

IEC 60335-2-24: 2020

1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz;

60 Vdc max., 35 A max.

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YU, Yi-Chun; PAN, Andre

■ 18.02 Commodity

Mixer, blender, meat grinder and similar appliances

E001 safety

IEC 60335-2-14: 2002

1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz;

60 Vdc max., 35 A max.

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

■ 18.02 Commodity

Electric iron

E001 safety

IEC 60335-2-3: 2002

1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; PAN, Andre; YEN, Ko-Chu

Accreditation Program for Energy Efficiency testing Laboratory

P68, total 75 pages

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



18.01 Commodity

LED lamp

E005 Energy efficacy

The power efficiency and indicative method for energy label of LED lamp

300 Vac max., 20 A max.

Approval Signatory: WU, Chris; LIN, Jimmy

Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist, Taoyuan City, 33383, Taiwan

R.O.C; 2.No.64, Wenming Rd, Guishan Shiang Dist, Taoyuan City, Taiwan, 33383, R.O.C.

18.01 Commodity

Indoor Light Luminaire

E005 Energy efficacy

The power efficiency and indicative method for energy label of Indoor Light Luminaire

300 Vac max., 20 A max.,

600 Vdc max., 15 A max.

Approval Signatory: WU, Chris; LIN, Jimmy

Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist, Taoyuan City, 33383, Taiwan

R.O.C; 2.No.64, Wenming Rd, Guishan Shiang Dist, Taoyuan City, Taiwan, 33383, R.O.C.

18.01 Commodity

Street Lights

E005 Energy efficacy

Fixtures of roadway lighting Energy Efficiency Criteria and Labeling Method for Energy Label

300 Vac max., 20 A max.,

600 Vdc max., 15 A max.

Approval Signatory: WU, Chris; LIN, Jimmy

Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist, Taoyuan City, 33383, Taiwan

R.O.C; 2.No.64, Wenming Rd, Guishan Shiang Dist, Taoyuan City, Taiwan, 33383, R.O.C.

18.02 Commodity

Chilled-warm-hot water dispensers

E005 Energy efficiency

Energy Efficiency Criteria and Labeling Method for Energy Label Qualified Chilled-Warm-Hot Drinking water Dispensers,

1 ϕ , 250 Vac max., 30 A max., 60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YEN, Ko-Chu

18.02 Commodity

Chilled-warm-hot water fountain machines

E005 Energy efficiency

P69, total 75 pages

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



Energy Efficiency Criteria and Labeling Method for Energy Label Qualified Chilled-Warm-Hot Drinking Water Supplier
1 ϕ , 250 Vac max., 30 A max., 60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YEN, Ko-Chu

■ 18.02 Commodity

Freezers

E005 Energy efficiency

Energy Efficiency Criteria and Labeling Method for Energy Label Qualified Freezers

1 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YU, Yi-Chun

■ 18.02 Commodity

Air conditioners (Non-ducted type)

E005 Energy efficiency

Energy Conservation Labeling Program Requirements for Non-ducted Air Conditioners

Guishan Shiang Wen-Ming Rd.29 Lane No. 8: 1 ϕ , 250 Vac max., 30 A max., 60 Hz

Jung Li, Nan-Yuang Rd. No.2-1: 1 ϕ , 250 Vac max., 30 A max., 60 Hz; 3 ϕ , 380 Vac max., 45 kVA max., 60 Hz

Guishan Shiang Wen-Ming Rd, No. 64: 1 ϕ , 250 Vac max., 30 A max., 60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YU, Yi-Chun

Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist, Taoyuan City, 33383, Taiwan

R.O.C.; 2.No.2-1, Nan-Yuang Rd. Jung Li, Zhongli Dist, Taoyuan City 320, Taiwan,

R.O.C.; 3.No.64, Wenming Rd, Guishan Shiang Dist, Taoyuan City, Taiwan, 33383, R.O.C.

■ 18.02 Commodity

Hairdryers

E005 Energy efficiency

Energy Efficiency Criteria and Labeling Method for Energy Label Qualified Hair dryers

1 ϕ , 250 Vac max., 30 A max., 60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YEN, Ko-Chu

■ 18.02 Commodity

Air Source Heat Pump Water Heaters

E005 Energy efficiency

Energy Efficiency Criteria and Labeling Method for Label Qualified Air Source Heat Pump Water Heaters

1 ϕ , 250 Vac max., 30 A max., 60 Hz;

3 ϕ , 380 Vac max., 30 A max., 60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YU, Yi-Chun

Testing Site: 1.No.2-1, Nan-Yuang Rd. Jung Li, Zhongli Dist, Taoyuan City 320, Taiwan,

P70, total 75 pages



R.O.C.

■ 18.02 Commodity

Clothes washer

E005 Energy efficiency

Energy Efficiency Criteria and Labeling Method for Energy Label Qualified Washing Machines

1 ϕ , 250 V max., 30 A max., 60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YU, Yi-Chun

■ 18.02 Commodity

Ventilating Fans for Bath Room Use

E005 Energy efficiency

Energy Efficiency Criteria and Labeling Method for Energy Label Qualified Ventilating Fans for Bathroom use

1 ϕ , 250 V max., 30 A max., 60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YEN, Ko-Chu

Testing Site: 1.No.2-1, Nan-Yuang Rd. Jung Li, Zhongli Dist, Taoyuan City 320, Taiwan, R.O.C.; 2.No.64, Wenming Rd, Guishan Shiang Dist, Taoyuan City, Taiwan, 33383, R.O.C.

■ 18.02 Commodity

Dehumidifier

E005 Energy efficiency

Energy Efficiency Criteria and Labeling Method for Energy Label Qualified Dehumidifiers

1 ϕ , 250 V max., 30 A max., 60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YU, Yi-Chun; YEN, Ko-Chu

■ 18.02 Commodity

Clothes dryer

E005 Energy efficiency

Clothes dryer Energy Efficiency Criteria and Labeling Method

1 ϕ , 250 V max., 50 A max., 60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YU, Yi-Chun

■ 18.02 Commodity

Electric storage tank boiling water heaters

E005 Energy efficiency

Energy Efficiency Criteria and Labeling Method for Electric Storage Tank Boiling Water Heaters

1 ϕ , 250 V max., 30 A max., 60 Hz

P71, total 75 pages

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



Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YEN, Ko-Chu

■ 18.02 Commodity

Electric storage tank water heaters

E005 Energy efficiency

Energy Efficiency Criteria and Labeling Method for Electric Storage Tank Water Heaters

1 ϕ , 250 V max., 30 A max., 60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YEN, Ko-Chu

■ 18.02 Commodity

Microwave oven

E005 Energy efficiency

Energy Efficiency Criteria and Labeling Method for Label Qualified Microwave Oven

1 ϕ , 250 V max., 20 A max., 60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YEN, Ko-Chu

■ 18.02 Commodity

Warm-hot water dispensers

E005 Energy efficiency

Energy Conservation Labeling Program Requirements for Warm-Hot Drinking Water Dispensers

1 ϕ , 250 V max., 30 A max., 60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YEN, Ko-Chu

■ 18.02 Commodity

Warm-hot water fountain machines

E005 Energy efficiency

Energy Conservation Labeling Program Requirements for Warm-Hot Water Fountains Machines

1 ϕ , 250 V max., 30 A max., 60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YEN, Ko-Chu

■ 18.02 Commodity

Refrigerators

E005 Energy efficiency

Energy Efficiency Criteria and Labeling Method for Energy Label Qualified Refrigerators

1 ϕ , 250 V max., 30 A max., 60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YU, Yi-Chun

P72, total 75 pages

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



■ 18.02 Commodity

Electric fan

E005 Energy efficiency

Energy Efficiency Criteria and Labeling Method for Energy Label Qualified Electric Fans

1 ϕ , 250 V max., 30 A max., 60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YEN, Ko-Chu

■ 18.02 Commodity

Electric ovens

E005 Energy efficiency

Energy Efficiency Criteria and Labeling Method for Electric Ovens

1 ϕ , 250 V max., 30 A max., 60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YEN, Ko-Chu

■ 18.02 Commodity

Electric pots

E005 Energy efficiency

Energy Conservation Labeling Program Requirements for Electrical Hot Water Pots

1 ϕ , 250 V max., 30 A max., 60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YEN, Ko-Chu

■ 18.02 Commodity

Electric cookers

E005 Energy efficiency

Energy Efficiency Criteria and Labeling Method for Energy Label Qualified Electric Cookers

1 ϕ , 250 V max., 30 A max., 60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YEN, Ko-Chu

■ 18.02 Commodity

Ventilating Fans for Window Type

E005 Energy efficiency

Energy Efficiency Criteria and Labeling Method for Energy Label Qualified Ventilating Fans for Window type

1 ϕ , 250 V max., 30 A max., 60 Hz

Approval Signatory: SHEN, Li-Hung; LIN, Jimmy; YEN, Ko-Chu

Testing Site: 1.No.2-1, Nan-Yuang Rd. Jung Li, Zhongli Dist, Taoyuan City 320, Taiwan,

R.O.C.; 2.No.64, Wenming Rd, Guishan Shiang Dist, Taoyuan City, Taiwan, 33383, R.O.C.



18.04 Commodity

DVD Recorder & Player

E005 Energy efficiency

DVD Recorder & Player-Energy efficiency Criteria and Labeling Method for Energy Label

250 Vac max., 20 A max., 60 Hz, 1 ϕ

Approval Signatory: CHEN, Jason; PAN, Jason

18.04 Commodity

Audio and Video Equipment (TV)

E005 Energy efficiency

TV-Energy Efficiency Criteria and Labeling Method

250 Vac max., 20 A max., 60 Hz, 1 ϕ

Approval Signatory: CHEN, Jason; PENG, Vicky; PAN, Jason

18.04 Commodity

Integrated Stereo

E005 Energy efficiency

Integrated Stereo-Energy efficiency Criteria and Labeling Method

250 Vac max., 20 A max., 60 Hz, 1 ϕ

Approval Signatory: CHEN, Jason; PENG, Vicky; PAN, Jason

20.21 Information Technology and Communication

Information Technology

and Office Equipment (Desktop Computer; Notebook Computer)

E005 Energy efficiency

Technology

and Office Equipment

(Desktop Computer; Notebook Computer) -Energy efficiency Criteria and Labeling

Method for Energy Label

250 Vac max., 20 A max., 60 Hz, 1 ϕ

Approval Signatory: CHEN, Jason; PENG, Vicky; PAN, Jason

20.21 Information Technology and Communication

Imaging Equipment including Digital Duplicator and Printer

E005 Energy efficiency

Imaging Equipment including Digital Duplicator and Printer-Energy Efficiency Criteria

and Labeling Method

250 Vac max., 20 A max., 60 Hz, 1 ϕ

Approval Signatory: CHEN, Jason; PENG, Vicky; PAN, Jason



▀ 20. 21 Information Technology and Communication
Information Technology and Office Equipment (Display)
E005 Energy efficiency
Display-Energy Efficiency Criteria and Labeling Method
250 Vac max., 20 A max., 60 Hz, 1 ϕ

Approval Signatory: CHEN, Jason; PENG, Vicky; PAN, Jason

Accreditation Program for Laboratory of U.S. EPA ENERGY STAR

▀ 20. 21 Information Technology and Communication
Computers
E005 Energy efficiency
ENERGY STAR® Program Requirements Product Specification for Computers
250 Vac max., 20 A max., 50 Hz/60 Hz, 1 ϕ

Approval Signatory: CHEN, Jason; PENG, Vicky; PAN, Jason

(Null below)

