



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

## Certificate of Accreditation

(Certificate No : L2624-240627)

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 Program** : Accreditation Program for BSMI Mutual Recognition  
Arrangement with Foreign Authorities  
Accreditation Program for Energy Efficiency testing  
Laboratory  
Accreditation Program for Laboratory of U.S. EPA  
ENERGY STAR



Scan to verify

*Yi-Ling Chen*

Yi-Ling Chen  
President, Taiwan Accreditation Foundation  
June 27, 2024

Accreditation Number : 2624

Laboratory Head : LIN, Vincent

■ 15. 03 Medical Devices

Endoscopic equipment

E001 Safety

IEC 60601-2-18

EN 60601-2-18

1  $\phi$ , 250 Vac max., 20 A max., 50 Hz/60 Hz, 60 Vdc max., 5 A max., IP68 max.

3  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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

EN 60601-1-4

IEC 62304

1  $\phi$ , 250 Vac max., 20 A max., 50 Hz/60 Hz, 60 Vdc max., 5 A max., IP68 max.

Approval Signatory: PAN, Andre

P2, total 65 pages

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



15.03 Medical Devices

Surgical luminaires and luminaires for diagnosis

E001 safety

IEC 60601-2-41

EN 60601-2-41

1  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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

P3, total 65 pages



15. 03 Medical Devices

Non-invasive sphygmomanometers

E001 safety

EN 1060-1

EN 1060-3

OIML R16-2

1  $\phi$ , 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  $\phi$ , 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

EN 60601-2-47

1  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 250 Vac max, 20 A max, 50 Hz/60 Hz; 60 Vdc max, 5 A max

3  $\phi$ , 440 V max., 50 Hz to 60 Hz, 50 A max.

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

■ 15. 03 Medical Devices

Medical oximeter

E001 safety

ISO 9919

ISO 80601-2-61

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

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

■ 15. 03 Medical Devices

Medical suction equipment

E001 Safety

ISO 10079-4

EN ISO 10079-4

BS EN ISO 10079-4

1  $\phi$ , 250 Vac max., 30 A max., 50 Hz/60 Hz or

60 Vdc, 35 A

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  $\phi$ , 250 Vac max., 20 A max., 50 Hz/60 Hz, 60 Vdc max., 5 A max., IP68 max.

3  $\phi$ , 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  $\phi$ , 250 Vac max., 20 A max., 50 Hz/60 Hz, 60 Vdc max., 5 A max., IP68 max.

Approval Signatory: PAN, Andre

P5, total 65 pages

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



15. 03 Medical Devices

Medical suction equipment –

Part 1:

Electrically power suction equipment-Safety requirements

E001 safety

ISO 10079-1

1  $\phi$ , 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  $\phi$ , 60 Vdc max., 5 A max., IP68 max.

Approval Signatory: PENG, Vicky; PAN, Andre

15. 03 Medical Devices

Clinical thermometers for body temperature measurement

E001 Safety

ISO 80601-2-56

EN ISO 80601-2-56

BS EN ISO 80601-2-56

1  $\phi$ , 250 Vac max., 30 A max., 50 Hz/60 Hz or 60 Vdc, 35 A

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

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  $\phi$ , 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  $\phi$ , 250 Vac max., 20 A max., 50 Hz/60 Hz;

3  $\phi$ , 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

E001 safety

IEC 61010-1

EN 61010-1

1  $\phi$ , 250 Vac max., 20 A max., 50 Hz/60 Hz;

3  $\phi$ , 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  $\phi$ , 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  $\phi$ , 300 Vac max., 60 Hz, 30 A max.

3  $\phi$ , 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  $\phi$ , 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  
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  
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  
CNS 14335-2-4  
IEC 60598-1  
IEC 60598-2-4  
EN 60598-1  
EN 60598-2-4  
1  $\phi$ , 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  
LED modules for general lighting  
E001 safety  
CNS 15357  
IEC 62031  
EN 62031  
1  $\phi$ , 300 Vac max., 20 A max., 50 Hz/60 Hz;  
250 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.

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18.01 Commodity

Luminaires with built-in transformers for filament lamps

E001 safety

CNS 14335

CNS 14335-2-6

IEC 60598-1

IEC 60598-2-6

EN 60598-1

EN 60598-2-6

1  $\phi$ , 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

Aquarium luminaires

E001 safety

CNS 14335

IEC 60598-1

IEC 60598-2-11

EN 60598-1

EN 60598-2-11

1  $\phi$ , 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

IEC 62776

EN 62776

1  $\phi$ , 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

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

EN 61347-1

EN 61347-2-13

J 61347-1

J 61347-2-13

JIS C 8147-1

JIS C 8147-2-13

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1  $\phi$ , 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

Miscellaneous electronic circuits used with luminaires

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

1  $\phi$ , 300 Vac max., 20 A max., 50 Hz/60 Hz;  
300 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

Self-ballasted LED-lamps for general lighting services

E001 safety  
IEC 62560  
CNS 15436  
JIS C 8156

1  $\phi$ , 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

Luminaires for road and street lighting

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

1  $\phi$ , 300 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

Fixed general purpose luminaires

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

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IEC 60598-2-1  
EN 60598-1  
EN 60598-2-1  
1  $\phi$ , 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

Flood light  
E001 safety  
CNS 14335  
IEC 60598-1  
IEC 60598-2-5  
EN 60598-1  
EN 60598-2-5  
1  $\phi$ , 300 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  
CNS 14335-2-2  
IEC 60598-1  
IEC 60598-2-2  
EN 60598-1  
EN 60598-2-2  
1  $\phi$ , 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

Mains socket-outlet mounted nightlights  
E001 safety  
CNS 14335  
IEC 60598-1  
IEC 60598-2-12  
EN 60598-1  
EN 60598-2-12  
1  $\phi$ , 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

IEC 60598-1

IEC 60598-2-20

EN 60598-1

EN 60598-2-20

1  $\phi$ , 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

IEC 60598-1

IEC 60598-2-23

EN 60598-1

EN 60598-2-23

1  $\phi$ , 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

1  $\phi$ , 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

Lighting Products

E002 Current Total harmonic distortion

IEC 61000-3-2

300 Vac max., 20 A max.

Approval Signatory: WU, Chris; LIN, Jimmy

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

0001 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.

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



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  
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.

O014 Chromaticity  
Correlated Color Temperature  
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  
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.

O016 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.

O995 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.  
P13, total 65 pages



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

18.01 Commodity  
Lamps and lamp systems  
O024 Photobiological safety  
CNS 15592  
IEC 62471  
IEC TR 62471-2  
IEC TR 62778  
EN 62471  
1  $\phi$ , 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  $\phi$ , 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  
O995 Optical and Electrical Characteristics  
CNS 15233  
1  $\phi$ , 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.

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



18.01 Commodity  
Recessed LED luminaires for T-bar ceiling systems  
0995 Optical and Electrical Characteristics  
CNS 15437  
1  $\phi$ , 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  
0995 Optical and Electrical Inspection  
CNS 16027  
1  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  
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EN 60335-2-15  
PNS IEC 60335-1  
PNS IEC 60335-2-15  
1  $\phi$ , 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  $\phi$ , 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  
EN 60335-2-24  
1  $\phi$ , 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  $\phi$ , 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  $\phi$ , 250 Vac max., 20 A max., 50 Hz/60 Hz, 60 Vdc max., 5 A max.

Approval Signatory: CHEN, Jason; PAN, Andre

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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  $\phi$ , 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  
IEC 60335-2-65  
EN 60335-1  
EN 60335-2-65  
1  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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 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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  
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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  
IEC 60335-2-43  
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EN 60335-1  
EN 60335-2-43  
1  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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

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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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

Shavers, 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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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

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  $\phi$ , 250 Vac max., 30 A max., 50 Hz/60 Hz; 3  $\phi$ , 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  $\phi$  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  $\phi$ ; 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  $\phi$ , 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  $\phi$ , 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  
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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  
EN 60335-1  
EN 60335-2-35  
1  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 250 Vac max., 30 A max., 60 Hz  
1  $\phi$ , 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  
 $\phi$ , 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  $\phi$ , 250  
Vac max., 30 A max., 50 Hz/60 Hz; 3  $\phi$ , 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  $\phi$ , 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  $\phi$ , 250 Vac max., 30 A max., 60 Hz

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

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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

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

CNS 15466

1  $\phi$ , 250 Vac max., 30 A max., 60 Hz;

3  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 250 Vac 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

Energy Conservation Labeling Program Requirements for Clothes Dryers

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

1  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 250 Vac max., 30 A max., 60 Hz

1  $\phi$ , 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  $\phi$ , 250 Vac max., 30 A max., 60 Hz  
1  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 250 Vac max., 30 A max., 60 Hz

1  $\phi$ , 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  $\phi$ , 250 Vac max., 30 A max., 60 Hz

1  $\phi$ , 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  $\phi$ , 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

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 Recorder)

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.

P29, total 65 pages



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.

A001 Sound Pressure Level Measurement  
CNS 15027-3  
EN 50332-3  
Frequency range: 20 Hz to 20 kHz  
Sound Pressure: (15 to 140) dB (A)

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

■ 18.04 Commodity  
Audio/video, information and communication technology equipment (including Drones)  
E001 safety  
IEC 62368-1  
EN 62368-1  
CNS 15598-1  
1  $\phi$ , 600 Vac max., 47 Hz to 63 Hz, 50 A max.  
3  $\phi$ , 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

■ 18.04 Commodity  
Audio, video and similar electronic apparatus Safety requirements  
E001 safety  
IEC 60065  
EN 60065  
CNS 14408  
AS/NZS 60065  
UL 60065  
J60065  
GB8898  
1  $\phi$ , 250 Vac max., 30 A max., 50 Hz/60 Hz; 60 Vdc max, 35 A max.

Approval Signatory: CHANG, Matt; CHEN, Jason; CHEN, Shih-Wei; 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  $\phi$ , 250 Vac max., 20 A max., 60 Hz

Approval Signatory: CHEN, Jason; CHEN, Shih-Wei; PAN, Jason  
P30, total 65 pages



■ 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  $\phi$ , 250 Vac max., 20 A max., 60 Hz

Approval Signatory: CHEN, Jason; CHEN, Shih-Wei; 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  $\phi$ , 250 Vac max., 20 A max., 60 Hz

Approval Signatory: CHEN, Jason; CHEN, Shih-Wei; 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  
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/cm<sup>2</sup>)

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

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/cm<sup>2</sup>

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  $\phi$ , 300 Vac max., 47 Hz to 63 Hz, 30 A max.

3  $\phi$ , 440 V max., 50 Hz to 60 Hz, 150 kW max.

Approval Signatory: CHEN, Jason; CHEN, Shih-Wei; 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  $\phi$ , 250 Vac max., 30 A max., 47 Hz to 63 Hz,

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

19.08 Electronic and Electric  
Portable air-cooled air conditioners  
E005 energy efficiency  
CNS 18326 (2022)  
only for clause 5.1, clause 5.3 and clause 9  
1  $\phi$ , 250 Vac max., 30 A max., 60 Hz

Approval Signatory: LI, Yueh-Feng; 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.; 2.No.8, Lane 29, Wenming Rd, Guishan Shiang Dist, Taoyuan City, 33383, Taiwan, R.O.C.; 3.No.64, Wenming Rd, Guishan Shiang Dist, Taoyuan City, Taiwan, 33383, R.O.C.

19.11 Electronic and Electric  
Hand-held motor-operated electric tools  
E001 safety  
CNS 14905  
IEC 60745-1  
1  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  
CNS 3266  
CNS 10609  
CNS 10610  
IEC 60745-1  
IEC 60745-2-3  
1  $\phi$ , 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  $\phi$ , 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/Humidty 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  $\phi$ , 250 Vac max., 30 A max., 50 Hz/60 Hz;

3  $\phi$ , 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

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  $\phi$ , 300 Vac max., 47 Hz to 63 Hz, 50 A max.

3  $\phi$ , 440 V max., 47 Hz to 63 Hz, 50 A max.

Approval Signatory: CHANG, Matt; CHEN, Jason; CHEN, Shih-Wei; 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  $\phi$

Approval Signatory: CHEN, Jason; CHEN, Shih-Wei; 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  $\phi$

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;

P35, total 65 pages

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



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

1  $\phi$ , 250 Vac max., 20 A max., 60 Hz

Approval Signatory: CHEN, Jason; CHEN, Shih-Wei; 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, 3.2)

1  $\phi$ , 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

Computers

E005 Energy efficiency

ENERGY STAR® Program Requirements Product Specification for Computers

1  $\phi$ , 250 Vac max., 20 A max., 50 Hz/60 Hz

Approval Signatory: CHEN, Jason; CHEN, Shih-Wei; 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  $\phi$ , 250 Vac max., 20 A max., 60 Hz

Approval Signatory: CHEN, Jason; CHEN, Shih-Wei; 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  $\phi$ , 250 Vac max., 20 A max., 60 Hz

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

E005 Energy efficiency

Energy Efficiency Criteria and Labeling Method

1  $\phi$ , 250 Vac max., 20 A max., 60 Hz

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



20. 21 Information Technology and Communication

Laser Products

O024 safety

CNS 15016-1

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  $\phi$ , 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  $\phi$ , 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.

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

Input: 3  $\phi$ , 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.)

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



■ 22.05 Transportation Equipment

Electric vehicle conductive charging system

E001 safety

CNS 15511-3

1  $\phi$ , 250 Vac max., 80 A max., 50 Hz/60 Hz

3  $\phi$ , 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

1  $\phi$ , 300 Vac max., 47 Hz to 63 Hz, 30 A max.

3  $\phi$ , 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  $\phi$ , 300 Vac max., 47 Hz to 63 Hz, 30 A max.

3  $\phi$ , 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

**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  $\phi$ , 300 Vac max., 60 Hz, 30 A max.

3  $\phi$ , 440 V max., 60 Hz, 30 A max.

(Include on site testing, 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 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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  
Aquarium luminaires  
E001 safety  
CNS 14335 (1999)  
IEC 60598-2-11 (2005)  
1  $\phi$ , 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  $\phi$ , 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.  
P39, total 65 pages



18.01 Commodity  
Self-ballasted LED-lamps for general lighting services  
E001 safety  
CNS 15436 (2012)  
1  $\phi$ , 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  $\phi$ , 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)  
IEC 60598-2-2 (1979) (1997-01)  
1  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  
Double-capped LED lamps  
O995 Optical and Electrical Inspection  
CNS 16027 (2019)  
1  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 250 Vac max., 30 A max., 50 Hz/60 Hz

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

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■ 18.02 Commodity  
Massage appliances  
E001 safety  
CNS 60335-1 (2014)  
CNS 60335-2-32 (2015)  
1  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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)  
1  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  
O<sub>3</sub> generators, air-cleaning appliances  
E001 safety  
CNS 60335-1 (2014)  
CNS 60335-2-65 (2015)  
1  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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)

CNS 3805 (1989)

1  $\phi$ , 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  $\phi$ , 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  $\phi$ , 250 Vac max., 30 A max., 50 Hz/60 Hz

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

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E005 Energy efficiency  
CNS 11010 (2013) (clause 8.11 and 8.14)  
1  $\phi$ , 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  $\phi$ , 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 60705 (2018) (clause 6, 8 and 9)  
CNS 62301 (2017)  
1  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 250 Vac max., 30 A max., 50 Hz/60 Hz; 3  $\phi$ , 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  $\phi$  for clause 10, 11 and 19;

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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  $\phi$ ; 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

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  $\phi$ , 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  $\phi$ , 250 Vac max., 30 A max., 60 Hz; 3  $\phi$ , 380 Vac max., 45 kVA max., 60 Hz

No.64, Wenming Rd, Guishan Shiang Dist, Taoyuan City, Taiwan, 33383, R.O.C.: 1  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  
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.

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18.04 Commodity

Audio/video, information and communication technology equipment

E001 safety

CNS 15598-1 (2020)

1  $\phi$ , 600 Vac max., 47 Hz to 63 Hz, 50 A max.

3  $\phi$ , 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

E001 safety

CNS 15598-1 (2020)

1  $\phi$ , 600 Vac max., 47 Hz to 63 Hz, 50 A max.

3  $\phi$ , 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

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  $\phi$

Approval Signatory: CHANG, Matt; CHEN, Jason; CHEN, Shih-Wei; 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  $\phi$ , 300 Vac max., 47 Hz to 63 Hz, 30 A max.

3  $\phi$ , 440 V max., 50 Hz to 60 Hz, 150 kVA max.

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

19.08 Electronic and Electric

Portable air-cooled air conditioners

E005 energy efficiency

CNS 18326 (2022)

only for clause 5.1, clause 5.3 and clause 9

1  $\phi$ , 250 Vac max., 30 A max., 60 Hz

Approval Signatory: LI, Yueh-Feng; 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.; 2.No.8, Lane 29, Wenming Rd, Guishan Shiang Dist, Taoyuan City, 33383, Taiwan, R.O.C.; 3.No.64, Wenming Rd, Guishan Shiang Dist, Taoyuan City, Taiwan, 33383, R.O.C.

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19. 11 Electronic and Electric  
Portable Electric Grinders  
E001 safety  
CNS 3265 (2001)  
CNS 10609 (1995)  
1  $\phi$ , 250 Vac max., 20 A max., 50 Hz/60 Hz

Approval Signatory: SHEN, Li-Hung

19. 11 Electronic and Electric  
Portable Electric Disk-type Sanders  
E001 Safety  
CNS 3266 (2001)  
CNS 10610 (1995)  
1  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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)  
1  $\phi$ , 250 Vac max., 30 A max., 50 Hz/60 Hz;  
3  $\phi$ , 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

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



20. 21 Information Technology and Communication  
Information technology equipment – Safety –Part 1: General requirements, 3C Li-ion  
Power Bank & 3C Battery Charger (including Drones)

E001 Safety  
CNS 14336-1 (2010)  
CNS 15598-1 (2020)  
1  $\phi$ , 300 Vac max., 47 Hz to 63 Hz, 30 A max.  
3  $\phi$ , 440 V max., 50 Hz/60 Hz, 30 A max.

Approval Signatory: CHANG, Matt; CHEN, Jason; CHEN, Shih-Wei; 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  $\phi$ , 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  $\phi$ , 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.  
No.195, Sec. 4, Chung Hsing Rd., Chutung: Township, Hsinchu County 31040, Taiwan (R.O.C.):  
Input: 3  $\phi$ , 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.)

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

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■ 22. 05 Transportation Equipment  
Electric vehicle conductive charging system  
E001 safety  
CNS 15511-3 (2012)  
1  $\phi$ , 250 Vac max., 80 A max., 50 Hz/60 Hz  
3  $\phi$ , 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  $\phi$ , 300 Vac max., 47 Hz to 63 Hz, 30 A max.  
3  $\phi$ , 440 V max., 50 Hz to 60 Hz, 30 A max.  
120 Vdc max., 30 A max.

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

### **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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 250 Vac max., 30 A max., 60 Hz  
No. 2-1, Nan-Yuang Rd., Jung Li Dist.: 1  $\phi$ , 250 Vac max., 30 A max., 60 Hz; 3  $\phi$ , 380 Vac max., 45 kVA max., 60 Hz  
No. 64, Wen-Ming Rd., Guishan Shiang Dist.: 1  $\phi$ , 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.

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



■ 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  $\phi$ , 250 Vac max., 30 A max., 60 Hz  
3  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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; CHEN, Shih-Wei; 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; CHEN, Shih-Wei; 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  
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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  $\phi$

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

20. 21 Information Technology and Communication  
Imaging Equipment, Including Digital Duplicator  
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  $\phi$

Approval Signatory: CHEN, Jason; CHEN, Shih-Wei; 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  $\phi$ , 250 Vac max., 20 A max., 60 Hz

Approval Signatory: CHEN, Jason; CHEN, Shih-Wei; 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  $\phi$ , 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  $\phi$ , 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.

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18.01 Commodity

Lighting chain

E001 safety

IEC 60598-2-20: 2002

1  $\phi$ , 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  $\phi$ , 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

IEC 60335-1

IEC 60335-2-15: 2002

PNS IEC 60335-1: 2011

PNS IEC 60335-2-15: 2015

1  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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

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1  $\phi$ , 250 Vac max., 30 A max., 50 Hz/60 Hz; 3  $\phi$ , 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

IEC 60335-2-7: 2000

1  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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**

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.

P59, total 65 pages



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  $\phi$ , 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  
Energy Efficiency Criteria and Labeling Method for Energy Label Qualified Chilled-  
Warm-Hot Drinking Water Supplier  
1  $\phi$ , 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  $\phi$ , 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  
P60, total 65 pages



Guishan Shiang Wen-Ming Rd.29 Lane No. 8: 1  $\phi$ , 250 Vac max., 30 A max., 60 Hz  
Jung Li, Nan-Yuang Rd. No.2-1: 1  $\phi$ , 250 Vac max., 30 A max., 60 Hz; 3  $\phi$ , 380 Vac max.,  
45 kVA max., 60 Hz  
Guishan Shiang Wen-Ming Rd, No. 64: 1  $\phi$ , 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  $\phi$ , 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  $\phi$ , 250 Vac max., 30 A max., 60 Hz;

3  $\phi$ , 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

1  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 250 V 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  
Energy Efficiency Criteria and Labeling Method for Electric Storage Tank Water Heaters  
1  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 250 V max., 30 A max., 60 Hz

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

■ 18.02 Commodity  
Electric fan  
E005 Energy efficiency  
Energy Efficiency Criteria and Labeling Method for Energy Label Qualified Electric Fans  
1  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  $\phi$ , 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  $\phi$

Approval Signatory: CHEN, Jason; CHEN, Shih-Wei; 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  $\phi$

Approval Signatory: CHEN, Jason; CHEN, Shih-Wei; 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  $\phi$

Approval Signatory: CHEN, Jason; CHEN, Shih-Wei; 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  $\phi$

Approval Signatory: CHEN, Jason; CHEN, Shih-Wei; 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  $\phi$

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

P64, total 65 pages

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





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  $\phi$

Approval Signatory: CHEN, Jason; CHEN, Shih-Wei; 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  $\phi$

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

(Null below)

