



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

# Certificate of Accreditation

(Certificate No : L3424-240220)

This is to certify that

## Taiwan Testing and Certification Center Structural Properties and Safety Research Laboratory

No.555, Sec. 2, Wenhua 3rd Rd., Linkou Dist., New Taipei City 244, Taiwan (R.O.C.)

is accredited in respect of laboratory

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

**Accreditation Number** : 3424

**Originally Accredited** : January 15, 2018

**Effective Period** : January 15, 2024 to January 14, 2027

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

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

**Program** : Accreditation Program for BSMI Mutual Recognition  
Arrangement with Foreign Authorities

*Yi-Ling Chen*



Scan to verify

Yi-Ling Chen  
President, Taiwan Accreditation Foundation  
February 20, 2024

Accreditation Number : 3424

Laboratory Head : KU, Anderson

■ 16. 08 Machine and Equipment

Hand-feed Planer

Protective Device to Prevent the Operator from Touching the Cutting Blade for Hand Feed Planer

M207 Security Protect Test

Safety Criteria for Machinery, Equipment and Appliance Chapter 3, Chapter 8 Sec. 115, Chapter 9 Sec. 120, Occupational Safety and Health Administration, Ministry of Labor

Approval Signatory: KU, Anderson; HSIAO, Simon; HSIAO, Dylan

■ 16. 09 Machine and Equipment

Circular Sawing Machinery for Woodwork

M207 Security Protect Test

Safety Criteria for Machinery, Equipment and Appliance Chapter 4, Chapter 8 Sec. 116, Chapter 9 Sec. 120, Occupational Safety and Health Administration, Ministry of Labor

Approval Signatory: KU, Anderson; HSIAO, Simon

■ 16. 10 Machine and Equipment

Hand-held or Portable or Desktop Electric Grinders

M207 Security Protect Test

Safety Criteria for Machinery, Equipment and Appliance Chapter 4, Chapter 8 Sec. 116, Chapter 9 Sec. 120, Occupational Safety and Health Administration, Ministry of Labor

Approval Signatory: KU, Anderson; HSIAO, Simon

■ 16. 99 Machine and Equipment

Safety of machinery - Electrical equipment of machines

Part 1: General requirements

E001 Safety

IEC 60204-1

EN 60204-1

< 600 Vac

< 1000 Vdc

50/60/400 Hz

On-Site Testing Included

Approval Signatory: KU, Anderson; HSIAO, Dylan

■ 18. 03 Commodity

Household switch for fixed wiring; Switches for household and similar fixed-electrical installations

E001 safety

CNS 695

CNS 60669-1

IEC 60669-1

P2, total 29 pages



EN 60669-1  
PNS 1485-1: 1996+Amd. 01 & 02: 1996  
IEC 60669-1: 1993+Amd. 01: 1994+Amd. 02: 1995  
1  $\phi$ , 300 Vac max., 20 A max., 60 Hz (CNS 695)  
1  $\phi$ , 250 Vac max., 63 A max., 50 Hz/60 Hz (IEC 60669-1, CNS 60669-1)

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan (R.O.C.)

■ 18.03 Commodity

Cord switches  
E001 safety  
IEC 61058-2-1  
1  $\phi$ , 250 Vac max., 16 A max., 50 Hz/60 Hz

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan (R.O.C.)

■ 18.03 Commodity

Switches for appliances  
E001 safety  
IEC 61058-1  
IEC 61058-1-1  
IEC 61058-1-2  
250 Vac max., 63 A max., 50 Hz/60 Hz  
1  $\phi$ , 3  $\phi$

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan (R.O.C.)

■ 18.03 Commodity

Independently mounted switches  
E001 safety  
IEC 61058-2-4  
1  $\phi$ , 250 Vac max., 63 A max., 50 Hz/60 Hz

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan (R.O.C.)

■ 18.03 Commodity

Change-over selectors  
E001 safety  
IEC 61058-2-5  
1  $\phi$ , 250 Vac max. 63 A max., 50 Hz/60 Hz

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan (R.O.C.)



18.04 Commodity

AudioVideo Information and communication technology equipment

E001 Safety

CNS 15598-1

IEC 62368-1

Annex C-Only flexural strength, Charpy impact, Xenon-arc light-exposure test

Approval Signatory: KU, Anderson; HSIAO, Simon

18.05 Commodity

600 V grade heat-resistant polyvinyl chloride insulated wires

E001 safety

CNS 8379

(1 to 5) cores, 600 V max., 0.5 mm<sup>2</sup> up to 4.0 mm<sup>2</sup>

Approval Signatory: YANG, Andy; HSIAO, Simon

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

18.05 Commodity

Lift cables and cables for flexible connections

E001 safety

IEC 60227-6

450 V/750 V max., (3 to 24) cores, 0.75 mm<sup>2</sup> to 25 mm<sup>2</sup>

Approval Signatory: YANG, Andy; HSIAO, Simon

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

18.05 Commodity

Lift cables

E001 safety

IEC 60245-5

450 V/750 V max., (6 to 30) cores, 0.75 mm<sup>2</sup> to 1.0 mm<sup>2</sup>

Approval Signatory: YANG, Andy; HSIAO, Simon

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

18.05 Commodity

Flexible cables screened and unscreened with two or more conductors

E001 safety

IEC 60227-7

J 60227-7

450 V/750 V max., (2 to 60) cores, 0.5 mm<sup>2</sup> to 2.5 mm<sup>2</sup>

Approval Signatory: YANG, Andy; HSIAO, Simon

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

18.05 Commodity

Flexible cables with crosslinked elastomeric insulation

E001 safety

P4, total 29 pages



EN 50525-1  
EN 50525-2-21  
450 V/750 V (U0/U) max., 0.5 mm<sup>2</sup> up to 1.5 mm<sup>2</sup>

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan  
(R.O.C.)

■ 18.05 Commodity  
Flexible cables with thermoplastic PVC insulation  
E001 safety  
EN 50525-1  
EN 50525-2-11  
450 V/750 V (U0/U) , (0.5 to 4.0) mm<sup>2</sup>; (2 to 5) cores

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan  
(R.O.C.)

■ 18.05 Commodity  
Sheathed cables for fixed wiring  
E001 safety  
IEC 60227-4  
J60227-4  
450 V/750 V max., (2 to 5) cores, 1.5 mm<sup>2</sup> to 35 mm<sup>2</sup>

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan  
(R.O.C.)

■ 18.05 Commodity  
Non-sheathed cables for fixed wiring  
E001 safety  
IEC 60227-3  
J60227-3  
450 V/750 V max., 1 core, 0.5 mm<sup>2</sup> to 400 mm<sup>2</sup>

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan  
(R.O.C.)

■ 18.05 Commodity  
Outdoor weatherproof polyvinyl chloride insulated wires  
E001 safety  
CNS 8559  
(1 to 5) cores, 0.5 mm<sup>2</sup> up to 4.0 mm<sup>2</sup>

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan  
(R.O.C.)



■ 18.05 Commodity  
Heat resistant silicone insulated cables  
E001 safety  
IEC 60245-3  
450 V/750 V max., 1 core, 0.5 mm<sup>2</sup> to 16 mm<sup>2</sup>

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan  
(R.O.C.)

■ 18.05 Commodity  
Cords for applications requiring high flexibility  
E001 safety  
IEC 60245-8  
450 V/750 V max., (2 to 3) cores, 0.75 mm<sup>2</sup> to 1.5 mm<sup>2</sup>

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan  
(R.O.C.)

■ 18.05 Commodity  
Cord sets and interconnection cord sets  
E001 safety  
CNS 60799  
IEC 60799  
EN 60799  
1 φ, 250 Vac max. 16 A max. 50 Hz/60 Hz

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan  
(R.O.C.)

■ 18.05 Commodity  
General rule for cord sets  
E001 safety  
CNS 10917  
1 φ, 250 Vac max., 20 A max., 50Hz/60 Hz

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan  
(R.O.C.)

■ 18.05 Commodity  
600 V polyvinyl chloride insulated wire for electric apparatus  
E001 safety  
CNS 6070  
600 V max., 1 core, 0.75 mm<sup>2</sup> to 14 mm<sup>2</sup>

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan  
(R.O.C.)



18.05 Commodity

600V Grade polyethylene insulated wires for electrical apparatus

E001 safety

CNS 10314

600 V max., 0.8 mm<sup>2</sup> to 3.5 mm<sup>2</sup>

Approval Signatory: YANG, Andy; HSIAO, Simon

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

18.05 Commodity

Polyvinyl chloride insulated flexible cords

E001 safety

CNS 3199

(1 to 30) cores, 0.5 mm<sup>2</sup> to 2.0 mm<sup>2</sup>, 300 V max.

Approval Signatory: YANG, Andy; HSIAO, Simon

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

18.05 Commodity

Polyvinyl chloride insulated drop service wires

E001 safety

CNS 7781

600 V max., (2 to 3) cores, 3 mm<sup>2</sup> to 8 mm<sup>2</sup>

Approval Signatory: YANG, Andy; HSIAO, Simon

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

18.05 Commodity

600V Grade polyvinyl chloride insulated and sheathed cables

E001 safety

CNS 3301

CNS 6556

600 V max., (1 to 4) cores, 0.75 mm<sup>2</sup> to 3.5 mm<sup>2</sup>

Approval Signatory: YANG, Andy; HSIAO, Simon

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

18.05 Commodity

Flexible cables

E001 safety

IEC 60227-1

IEC 60227-2

IEC 60227-5

J60227-1

J60227-2

J60227-5

AS/NZS 60227.5: 2003+Amdt 1: 2004

CNS 679

450 V/750 V max., (1 to 5) cores, 0.5 mm<sup>2</sup> to 4.0 mm<sup>2</sup>

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600 V max., 0.8 mm<sup>2</sup> to 3.5 mm<sup>2</sup> (CNS 679)

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan  
(R.O.C.)

■ 18. 05 Commodity

300V Rubber insulated cords

E001 safety

CNS 546

IEC 60245-1

IEC 60245-2

IEC 60245-4

300 V max., (2 to 4) cores, 0.5 mm<sup>2</sup> to 5.5 mm<sup>2</sup> (CNS 546)

450/750 V max., (2 to 5) cores, 0.75 mm<sup>2</sup> to 4.0 mm<sup>2</sup> (IEC 60245-4)

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan  
(R.O.C.)

■ 18. 05 Commodity

Rubber insulated flexible cables

E001 safety

CNS 10599

CNS 10741

CNS 675

CNS 5747

600 V max., (1 to 5) cores, 2.0 mm<sup>2</sup> to 3.5 mm<sup>2</sup>

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan  
(R.O.C.)

■ 19. 01 Electronic and Electric

Voltage reducing device for AC arc welding power source

E001 safety

CNS 4782

Approval Signatory: HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan  
(R.O.C.)

■ 19. 03 Electronic and Electric

Circuit-breakers for equipment (CBE)

E001 safety

IEC 60934

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

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan  
(R.O.C.)





19.03 Electronic and Electric  
Residual current protective device  
E001 safety  
CNS 5422 (2016)  
1  $\phi$ , 250 Vac max., 20 A max., 60 Hz  
(Excluded 6.4, 6.5, 6.8, 6.10)

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan  
(R.O.C.)

19.06 Electronic and Electric  
Safety of power transformers, power supplies, reactors and similar products - Part 2-1:  
Particular requirements and tests for separating transformers and power supplies  
incorporating separating transformers for general applications  
E001 safety  
IEC 61558-2-1  
IEC 61558-2-6  
IEC 61558-1  
EN 61558-2-1  
EN 61558-2-6  
EN 61558-1  
1  $\phi$ , 250 Vac max., 20 A max., 50 Hz/60 Hz

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan  
(R.O.C.)

19.06 Electronic and Electric  
Isolating transformers for general use  
E001 safety  
IEC 61558-2-4  
IEC 61558-1  
EN 61558-2-4  
EN 61558-1  
1  $\phi$ , 250 Vac max., 20 A max., 50 Hz/60 Hz

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan  
(R.O.C.)

19.06 Electronic and Electric  
Switch mode power supply units and transformers for switch mode power supply units  
E001 safety  
IEC 61558-2-16  
IEC 61558-1  
EN 61558-2-16  
EN 61558-1  
1  $\phi$ , 250 Vac max., 20 A max., 47 Hz to 63 Hz

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan  
(R.O.C.)



19.12 Electronic and Electric  
General requirements for electrical equipment  
E001 safety  
AS/NZS 3100: 2017+A1: 2017  
1  $\phi$ , 250 Vac max., 16 A max., 50 Hz/60 Hz

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan  
(R.O.C.)

19.15 Electronic and Electric  
13 A switched and unswitched socket-outlets  
E001 safety  
BS 1363-2  
SS 145: part 2  
BS 1363-3  
SS 145: part 3  
BS 1363-4  
1  $\phi$ , 250 Vac max., 13 A max., 50 Hz/60 Hz

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan  
(R.O.C.)

19.15 Electronic and Electric  
Detachable cord sets  
E001 safety  
CNS 15872  
Rated voltage 1  $\phi$ , 250 V max.  
frequency 60 Hz  
Rated current 15 A max.

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan  
(R.O.C.)

19.15 Electronic and Electric  
13 A plugs, socket-outlets, adaptors and connection units- Part 1: Specification for rewirable and non-rewirable 13 A fused plugs  
E001 safety  
BS 1363-1  
SS 145: part 1  
1  $\phi$ , 250 Vac max., 13 A max., 50 Hz/60 Hz

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan  
(R.O.C.)

19.15 Electronic and Electric  
Fused plugs  
E001 safety  
IEC 60884-2-1  
1  $\phi$ , 250 V max., 30 A max.

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan  
(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



19.15 Electronic and Electric  
Switched socket-outlets without interlock for fixed installations  
E001 safety  
IEC 60884-2-3  
1  $\phi$ , 250 V max., 30 A max.

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan  
(R.O.C.)

19.15 Electronic and Electric  
Cord extension sets  
E001 safety  
CNS 15767-2-7  
IEC 60884-2-7  
1  $\phi$ , 250 Vac max. 16 A max. 50 Hz/60 Hz

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan  
(R.O.C.)

19.15 Electronic and Electric  
Flat non-wirable two-pole plugs, 2.5 A, 250 V, with cord, for the connection of classII-  
equipment for household and similar purposes  
E001 safety  
EN 50075  
DIN VDE 0620 Part 101  
1  $\phi$ , 250 Vac max., 2.5 A max., 50 Hz/60 Hz

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan  
(R.O.C.)

19.15 Electronic and Electric  
Cable reel for household and similar purposes  
E001 safety  
CNS 61242  
IEC 61242  
EN 61242  
1  $\phi$ , 250 Vac max., 16 A max., 50 Hz/60 Hz

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan  
(R.O.C.)

19.15 Electronic and Electric  
Plugs and socket-outlets for household and similar purposes-Part 1: General requirements  
E001 safety  
IEC 60884-1  
IEC 60884-2-5  
CNS 15767-1  
CNS 15767-2-5  
CNS 690  
J 60884-1  
P11, total 29 pages



DIN VDE 0620-1  
DIN VDE 0620-2-1  
NBR 14136  
ABNT NBR NM 60884-1  
NF C 61-314  
SEV 1011  
PNS 1486-1: 1996  
PNS 1572: 1997  
IEC 60884-1: 1994  
IEC 60083: 1975  
1  $\phi$ , 3  $\phi$ , 250 Vac max., 30 A max., 50 Hz/60 Hz  
1  $\phi$ , 3  $\phi$ , 250 Vac max., 50 A max., 50 Hz/60 Hz

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan (R.O.C.)

19.15 Electronic and Electric  
Plug and socket-outlets for household and similar general use 127 V  
E001 safety  
SASO 2204  
1  $\phi$ , 127 Vac max., 15 A max., 50 Hz/60 Hz

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan (R.O.C.)

19.15 Electronic and Electric  
Plugs and socket-outlets for household and similar general use 220 V  
E001 safety  
SASO 2203  
1  $\phi$ , 220 Vac max., 13 A max., 50 Hz/60 Hz

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan (R.O.C.)

19.15 Electronic and Electric  
Appliance couplers for household and similar general purposes  
E001 safety  
AS/NZS 60320.1  
AS/NZS 60320.1: 2012  
1  $\phi$ , 250 Vac max., 16 A max., 50 Hz/60 Hz

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan (R.O.C.)

19.15 Electronic and Electric  
Appliance couplers for household and similar general purposes - Interconnection couplers for household and similar equipment  
E001 safety  
AS/NZS 60320.2.2  
AS/NZS 60320.2.2: 2004  
P12, total 29 pages



1  $\phi$ , 250 Vac max., 16 A max., 50 Hz/60 Hz

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan  
(R.O.C.)

19.15 Electronic and Electric  
Appliances couplers for household and similar general purposes

E001 safety  
IEC 60320-1  
IEC 60302-2-1  
IEC 60320-2-2  
IEC 60320-2-3  
IEC 60320-2-4  
IEC 60320-3  
EN 60320-1  
EN 60302-2-1  
EN 60320-2-2  
EN 60320-2-3  
EN 60320-2-4  
EN 60320-3  
DIN VDE 0625-1  
DIN VDE 0625-3  
CNS 6797

1  $\phi$ , 250 Vac max., 16 A max., 50 Hz/60 Hz

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan  
(R.O.C.)

19.15 Electronic and Electric  
Plugs and receptacles for domestic and similar general use - types and dimensions

E001 safety  
CNS 690  
1  $\phi$ , 250 Vac, 50 A max., 60 Hz  
3  $\phi$ , 250 Vac, 50 A max., 60 Hz

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan  
(R.O.C.)

19.15 Electronic and Electric

Connectors  
E001 safety  
IEC 61984  
EN 61984  
1  $\phi$ , 250 Vac max., 50 A max., 50 Hz/60 Hz

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan  
(R.O.C.)



19.15 Electronic and Electric  
Plugs and socket-outlets  
E001 safety  
AS/NZS 3112: 2017 +A1: 2021  
1  $\phi$ , 250 Vac max., 20 A max., 50 Hz/60 Hz

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan (R.O.C.)

19.17 Electronic and Electric  
single-phase induction motors (under 100 watt)  
E007 Electrical & Mechanical Testing  
CNS 3618  
Rated voltage: 250 V max.  
Frequency: 60 Hz  
Pole: 2 to 8 P  
Horsepower: 1/8 HP max.

Approval Signatory: KU, Anderson; HSIAO, Simon

19.17 Electronic and Electric  
Low-voltage three-phase induction motors  
E007 Electrical & Mechanical Testing  
CNS 1056  
Rated voltage: 600 V max.  
Frequency: 60 Hz  
Pole: 2 to 8 P  
Horsepower: 0.5 to 50 HP

Approval Signatory: KU, Anderson; HSIAO, Simon

E007  
1.Torque characteristics  
2.Starting current  
CNS 5421  
Rated voltage: 600 V or less  
Frequency: 60 Hz  
Pole: 2 to 8 P  
Horsepower: 0.5 to 60 HP

Approval Signatory: KU, Anderson; HSIAO, Simon

E007 Electrical & Mechanical Testing  
CSA C390-22  
Only Chapter7  
Rated voltage: 600 V or less  
Frequency: 50 Hz/60 Hz  
Pole: 2 to 8 P  
Horsepower: 0.5 to 60 HP

Approval Signatory: KU, Anderson; HSIAO, Simon



E007 Electrical & Mechanical Testing  
IEC 60034-2-1  
Rated voltage: 600 V or less  
Frequency: 50 Hz/60 Hz  
Pole: 2 to 8 P  
Horsepower: 0.5 to 60 HP

Approval Signatory: KU, Anderson; HSIAO, Simon

E007 Electrical & Mechanical Testing  
IEEE 112  
Rated voltage: 600 V or less  
Frequency: 50 Hz/60 Hz  
Pole: 2 to 8 P  
Horsepower: 0.5 to 60 HP

Approval Signatory: KU, Anderson; HSIAO, Simon

■ 19.17 Electronic and Electric  
Low-voltage single-phase induction motors  
E007 Electrical & Mechanical Testing  
CNS 1057  
Rated voltage: 440V max.  
Frequency: 60 Hz  
Pole: 2 to 8 P  
Horsepower: 0.5 to 5 HP

Approval Signatory: KU, Anderson; HSIAO, Simon

■ 19.17 Electronic and Electric  
Low-voltage three-phase squirrel-cage high-efficiency induction motors  
E007 Electrical & Mechanical Testing  
CNS 14400  
Rated voltage: 600 V or less  
Frequency: 60 Hz  
Pole: 2 to 8 P  
Horsepower: 0.5 to 60 HP

Approval Signatory: KU, Anderson; HSIAO, Simon

■ 19.19 Electronic and Electric  
Electrical apparatus for use in the presence of combustible dust  
-General requirements  
E028 Explosion protection testing  
CNS 15591-0  
Group IIIA, Group IIIB, Group IIIC

Approval Signatory: HSIAO, Simon

■ 19.19 Electronic and Electric  
Electrical apparatus for use in the presence of combustible dust-Protection by enclosures  
E028 Explosion protection testing  
CNS 15591-1  
Group IIIA, Group IIIB, Group IIIC

Approval Signatory: HSIAO, Simon



19.19 Electronic and Electric  
Electrical apparatus for use in the presence of combustible dust-Type of protection  
E028 Explosion protection testing  
CNS 15591-4  
Group IIIA, Group IIIB, Group IIIC

Approval Signatory: HSIAO, Simon

19.19 Electronic and Electric  
Explosive atmospheres - Part 2: Equipment protection by pressurized enclosure "p"  
E028 Explosion protection testing  
IEC 60079-2  
CNS 3376-2  
1  $\phi$  300 Vac max., 10 kVA max., 50/60/400 Hz  
3  $\phi$  300 Vac max., 30 kVA max., 50/60/400 Hz  
60 Vdc, 133 A  
a) IP 1X to IP 6X  
b) IP X1 to IP X8 (IP X8: Maximum Depth 2 m)  
On-Site Testing Included (Exclude IP 5X to IP 6X, IP X1 to IP X8)

Approval Signatory: HSIAO, Simon; HSIAO, Dylan

19.19 Electronic and Electric  
Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"  
E028 Explosion protection testing  
IEC 60079-31  
1  $\phi$  300 Vac max., 10 kVA max., 50/60/400 Hz  
3  $\phi$  300 Vac max., 30 kVA max., 50/60/400 Hz  
60 Vdc, 133 A  
a) IP 1X to IP 6X  
b) IP X1 to IP X8

Approval Signatory: HSIAO, Simon; HSIAO, Dylan

19.19 Electronic and Electric  
Explosive atmospheres - Equipment General requirements  
E028 Explosion protection testing  
IEC 60079-0  
CNS 3376-0  
Group IIA, Group IIB, Group IIC,  
On-Site Testing Included (Only Impact Test, IP Test: IP1X-4X, Temperature measurement)

Approval Signatory: HSIAO, Simon; HSIAO, Dylan

19.19 Electronic and Electric  
Explosive atmospheres - Equipment protection by intrinsic safety  
E028 Explosion protection testing  
IEC 60079-11  
CNS 3376-11  
Group IIA, Group IIB, Group IIC,

Approval Signatory: HSIAO, Simon; HSIAO, Dylan





19. 19 Electronic and Electric  
Explosive atmospheres - Equipment protection by flameproof enclosures  
E028 Explosion protection testing  
IEC 60079-1  
CNS 3376-1  
Group IIA, Group IIB, Group IIC  
Exclude IEC 60079-1 ch 15.3.3.3, ch 15.3.3.4; Exclude CNS 3376-1 ch 15.2.2.2

Approval Signatory: HSIAO, Simon; HSIAO, Dylan

19. 19 Electronic and Electric  
Explosive atmospheres - Equipment protection by type  
E028 Explosion protection testing  
IEC 60079-15  
CNS 3376-15  
Group IIA, Group IIB, Group IIC

Approval Signatory: HSIAO, Simon; HSIAO, Dylan

19. 19 Electronic and Electric  
Explosive atmospheres - Equipment protection by increased safety  
E028 Explosion protection testing  
IEC 60079-7  
CNS 3376-7  
Group IIA, Group IIB, Group IIC,  
On-Site Testing Included (Only Dielectric Strength)

Approval Signatory: HSIAO, Simon; HSIAO, Dylan

19. 99 Electronic and Electric  
Electrical & Electronic Products  
E001 Degree of protection provided by enclosure (IP code)  
IEC 60529  
CNS 14165  
(IP11 To IP68)  
On-Site Testing Included (Only IP1X~IP4X)

Approval Signatory: KU, Anderson; HSIAO, Simon

19. 99 Electronic and Electric  
Degrees of protection provided by enclosures for electrical equipment against external  
mechanical impacts (IK code)  
E001 Safety  
IEC 62262  
IK01-IK10  
On-Site Testing Included

Approval Signatory: KU, Anderson; HSIAO, Simon; HSIAO, Dylan

22. 05 Transportation Equipment  
Electric vehicle AC charging equipment  
E001 safety  
CNS 15511-2  
P17, total 29 pages



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

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan  
(R.O.C.)

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.

exclude ch 6.3.14, ch 6.3.22

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan  
(R.O.C.)

22. 05 Transportation Equipment

Plugs, socket-outlets, vehicle connectors and vehicle inlets - Conductive charging of electric vehicles

E001 safety

IEC 62196-1

IEC 62196-2

IEC 62196-3

EN 62196-1

EN 62196-2

EN 62196-3

CNS 15700-1

CNS 15700-2

CNS 15700-3

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

3  $\phi$ , 380 Vac max., 70 A max., 50 Hz/60 Hz

DC 250 kW max.

exclude IEC 62196-1, IEC 62196-2, IEC 62196-3, EN 62196-1, EN 62196-2, EN 62196-3 ch 31, 33

exclude CNS 15700-1, CNS 15700-2, CNS 15700-3 ch 31, 33

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan  
(R.O.C.)

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: KU, Anderson; YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan  
(R.O.C.)



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: KU, Anderson; YANG, Andy; HSIAO, Simon

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

22. 05 Transportation Equipment

Stationary a.c. and d.c. conductive power supply systems for electric motorcycle

E001 Standard interface for d.c. power supply systems

CNS 16127

Approval Signatory: KU, Anderson; WU, Joy; YANG, Andy; HSIAO, Simon

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

23. 01 Children's Products

Electric toys

E001 Safety

CNS 4797

CNS 14276 (1998)

IEC 62115

IEC 62115: 2017 Exclude Radiation, Annex D Protective electronic circuits, Annex E Optical radiation sources)

Test sites:

1.No. 555, Sec. 2, Wenhua Rd., Linkou Dist., New Taipei City, Taiwan (R.O.C.) (Exclude Glow wire test, Switch Test) 2. No. 8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City, Taiwan (R.O.C.) (Only Glow wire test, Switch Test)

Approval Signatory: KU, Anderson; YANG, Andy; HSIAO, Simon

Testing Site: 1.No.555, Sec. 2, Wenhua 3rd Rd., Linkou Dist., New Taipei City 244, Taiwan (R.O.C.); 2.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan (R.O.C.)

23. 01 Children's Products

Toys

M996 mechanical and physical properties

CNS 4797

CNS 4797-3

Exclude sound pressure level

Approval Signatory: KU, Anderson; YANG, Andy; HSIAO, Simon

T001 Flammability

CNS 4797

CNS 4797-1

Approval Signatory: KU, Anderson; YANG, Andy; HSIAO, Simon

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



## Accreditation Program for Designated Testing Laboratory for Commodities Inspection

### 18.03 Commodity

Household switch for fixed wiring; Switches for household and similar fixed-electrical installations

E001 safety

CNS 695 (1987)

CNS 60669-1 (2020)

1  $\phi$ , 300 Vac max., 20 A max., 60 Hz (CNS 695)

1  $\phi$ , 250 Vac max., 63 A max., 50 Hz/60 Hz (CNS 60669-1)

Approval Signatory: YANG, Andy; HSIAO, Simon

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

### 18.03 Commodity

Cord switches

E001 safety

IEC 61058-2-1 (2010)

1  $\phi$ , 250 Vac max., 16 A max., 50 Hz/60 Hz

Approval Signatory: YANG, Andy; HSIAO, Simon

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

### 18.03 Commodity

Switches for appliances

E001 safety

IEC 61058-1 (2008)

250 Vac max., 63 A max., 50 Hz/60 Hz,

1  $\phi$ , 3  $\phi$

Approval Signatory: YANG, Andy; HSIAO, Simon

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

### 18.03 Commodity

Independently mounted switches

E001 safety

IEC 61058-2-4 (2003)

1  $\phi$ , 250 Vac max., 63 A max., 50 Hz/60 Hz

Approval Signatory: YANG, Andy; HSIAO, Simon

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

### 18.03 Commodity

Change-over selectors

E001 safety

IEC 61058-2-5 (2010)

250 Vac max., 63 A max., 50 Hz/60 Hz, 1  $\phi$

Approval Signatory: YANG, Andy; HSIAO, Simon

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



■ 18.05 Commodity

600 V grade heat-resistant polyvinyl chloride insulated wires

E001 safety

CNS 8379 (1995)

(1 to 5) cores, 600 V max., 0.5 mm<sup>2</sup> up to 4.0 mm<sup>2</sup>

Approval Signatory: YANG, Andy; HSIAO, Simon

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

■ 18.05 Commodity

Lift cables and cables for flexible connections

E001 safety

IEC 60227-6 (2001)

450 V/750 V max. (3 to 24) cores, 0.75 mm<sup>2</sup> to 25 mm<sup>2</sup>

Approval Signatory: YANG, Andy; HSIAO, Simon

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

■ 18.05 Commodity

Flexible cables screened and unscreened with two or more conductors

E001 safety

IEC 60227-7 (2003)

450 V/750 V max. (2 to 60) cores, 0.5mm<sup>2</sup> to 2.5 mm<sup>2</sup>

Approval Signatory: YANG, Andy; HSIAO, Simon

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

■ 18.05 Commodity

Sheathed cables for fixed wiring

E001 safety

IEC 60227-4 (1997)

450 V/750 V max., (2 to 5) cores, 1.5 mm<sup>2</sup> to 35 mm<sup>2</sup>

Approval Signatory: YANG, Andy; HSIAO, Simon

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

■ 18.05 Commodity

Non-sheathed cables for fixed wiring

E001 safety

IEC 60227-3 (1997)

450 V/750 V max., 1 core, 0.5 mm<sup>2</sup> to 400 mm<sup>2</sup>

Approval Signatory: YANG, Andy; HSIAO, Simon

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



■ 18.05 Commodity  
Outdoor weatherproof polyvinyl chloride insulated wires  
E001 safety  
CNS 8559 (1987)  
(1 to 5) cores, 0.5 mm<sup>2</sup> up to 4.0 mm<sup>2</sup>

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan  
(R.O.C.)

■ 18.05 Commodity  
Cord sets and interconnection cord sets  
E001 safety  
CNS 60799 (2016)  
1 φ, 250 Vac max. 16 A max. 50 Hz/60 Hz

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan  
(R.O.C.)

■ 18.05 Commodity  
600 V polyvinyl chloride insulated wire for electric apparatus  
E001 safety  
CNS 6070 (1986)  
IEC 60227-1 (1998)  
600 V max., 1 core, 0.75 mm<sup>2</sup> to 14 mm<sup>2</sup> (CNS 6070)  
450 V/750 V max., (1 to 5) cores, 0.5 mm<sup>2</sup> to 4.0 mm<sup>2</sup> (IEC 60227-1)

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan  
(R.O.C.)

■ 18.05 Commodity  
Grade polyethylene insulated wires for electrical apparatus  
E001 safety  
CNS 10314 (1983)  
600 V max., 0.8 mm<sup>2</sup> to 3.5 mm<sup>2</sup>

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan  
(R.O.C.)

■ 18.05 Commodity  
Polyvinyl chloride insulated flexible cords  
E001 safety  
CNS 3199 (1994)  
(1 to 30) cores, 0.5 mm<sup>2</sup> to 2.0 mm<sup>2</sup>, 300 V max.

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan  
(R.O.C.)



■ 18.05 Commodity  
Polyvinyl chloride insulated drop service wires  
E001 safety  
CNS 7781 (1987)  
600 V max., (2 to 3) cores, 3 mm<sup>2</sup> to 8 mm<sup>2</sup>

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan  
(R.O.C.)

■ 18.05 Commodity  
Grade polyvinyl chloride insulated and sheathed cables  
E001 safety  
CNS 3301 (1989)  
CNS 6556 (1984)  
600 V max., (1 to 4) cores, 0.75 mm<sup>2</sup> to 3.5 mm<sup>2</sup>

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan  
(R.O.C.)

■ 18.05 Commodity  
Flexible cables  
E001 safety  
CNS 679 (1998)  
IEC 60227-5 (2003)  
600 V max., 0.8 mm<sup>2</sup> to 3.5 mm<sup>2</sup> (CNS 679)  
450 V/750 V max., (1 to 5) cores, 0.5 mm<sup>2</sup> to 4.0 mm<sup>2</sup>

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan  
(R.O.C.)

■ 18.05 Commodity  
300 V Rubber insulated cords  
E001 safety  
CNS 546 (2004)  
300 V max., (2 to 4) cores, 0.5 mm<sup>2</sup> to 5.5 mm<sup>2</sup>

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan  
(R.O.C.)

■ 18.05 Commodity  
Rubber insulated cables - Rated voltages up to and including 450/750 V  
E001 safety  
IEC 60245-1: 2003  
IEC 60245-4: 2004  
450/750 V max., (2 to 5) cores, 0.75 mm<sup>2</sup> to 4.0 mm<sup>2</sup>

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan  
(R.O.C.)



■ 18.05 Commodity  
Rubber insulated flexible cables

E001 safety  
CNS 10599 (2004)  
CNS 10741 (2004)  
CNS 675 (2004)  
CNS 5747 (2004)  
600 V max., (1 to 5) cores, 2.0 mm<sup>2</sup> to 3.5 mm<sup>2</sup>

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan  
(R.O.C.)

■ 19.03 Electronic and Electric  
Circuit-breakers for equipment (CBE)

E001 safety  
IEC 60934 (2013)  
1  $\phi$ , 250 Vac max., 50 A max., 50 Hz/60 Hz

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan  
(R.O.C.)

■ 19.03 Electronic and Electric  
Residual current protective device

E001 safety  
CNS 5422 (2006)  
1  $\phi$ , 250 V max., 20 A max., 60 Hz  
(excluded ch 6.6, 6.7, 6.8, 6.12)

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan  
(R.O.C.)

■ 19.06 Electronic and Electric  
Safety of power transformers, power supplies, reactors and similar products - Part 2-1:  
Particular requirements and tests for separating transformers and power supplies  
incorporating separating transformers for general applications

E001 safety  
IEC 61558-1 (2009)  
1  $\phi$ , 250 Vac max., 20 A max., 50 Hz/60 Hz

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan  
(R.O.C.)

■ 19.15 Electronic and Electric  
Detachable cord sets

E001 safety  
CNS 15872 (2016)  
Rated voltage 1  $\phi$ , 250 V max.  
frequency 60 Hz  
Rated current 15 A max.

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan  
(R.O.C.)

P24, total 29 pages





■ 19.15 Electronic and Electric  
Cord extension sets  
E001 safety  
CNS 15767-2-7 (2016)  
1  $\phi$ , 250 Vac max. 16 A max. 60 Hz

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan  
(R.O.C.)

■ 19.15 Electronic and Electric  
Cable reel for household and similar purposes  
E001 safety  
CNS 61242 (2016)  
1  $\phi$ , 250 Vac max., 16 A max., 50 Hz/60 Hz

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan  
(R.O.C.)

■ 19.15 Electronic and Electric  
Plugs and socket-outlets for household and similar purposes-Part 1: General requirements  
E001 safety  
CNS 15767-1 (2014)  
CNS 690 (2016)  
CNS 15767-2-5 (2014)  
1  $\phi$ , 3  $\phi$ , 250 Vac max., 30 A max., 60 Hz (CNS 15767-1, CNS 15767-2-5)  
1  $\phi$ , 3  $\phi$ , 250 Vac max., 50 A max., 60 Hz (CNS 690)

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan  
(R.O.C.)

■ 19.15 Electronic and Electric  
Appliances couplers for household and similar general purposes  
E001 safety  
IEC 60320-1 (2001)  
IEC 60320-2-1 (2000)  
IEC 60320-2-2 (1998)  
IEC 60320-2-3 (2005)  
CNS 6797 (1991)  
1  $\phi$ , 250 Vac max., 16 A max., 60 Hz

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan  
(R.O.C.)

■ 19.17 Electronic and Electric  
single-phase induction motors (under 100 watt)  
E007 Electrical & Mechanical Testing  
CNS 3618 (1992)  
Rated voltage: 250 V max.  
Frequency: 60 Hz  
Pole: 2 to 8 P  
Horsepower: 1/8 HP max.

Approval Signatory: KU, Anderson; HSIAO, Simon  
P25, total 29 pages



19.17 Electronic and Electric  
Low-voltage three-phase induction motors  
E007 Electrical & Mechanical Testing  
CNS 1056 (2011)  
Rated voltage: 600 V max.  
Frequency: 60 Hz  
Pole: 2 to 8 P  
Horsepower: 0.5 to 50 HP

Approval Signatory: KU, Anderson; HSIAO, Simon

19.17 Electronic and Electric  
Low-voltage single-phase induction motors  
E007 Electrical & Mechanical Testing  
CNS 1057 (2001)  
Rated voltage: 440 V max.  
Frequency: 60 Hz  
Pole: 2 to 8 P  
Horsepower: 0.5 to 5 HP

Approval Signatory: KU, Anderson; HSIAO, Simon

19.17 Electronic and Electric  
Low-voltage three-phase squirrel-cage high-efficiency induction motors  
E007 Electrical & Mechanical Testing  
CNS 14400 (2012)  
Rated voltage: 600 V or less  
Frequency: 60 Hz  
Pole: 2 to 8 P  
Horsepower: 0.5 to 60 HP

Approval Signatory: KU, Anderson; HSIAO, Simon

22.05 Transportation Equipment  
Electric vehicle AC charging equipment  
E001 safety  
CNS 15511-2 (2011)  
1  $\phi$ , 250 Vac max., 80 A max., 50 Hz/60 Hz

Approval Signatory: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan (R.O.C.)

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: YANG, Andy; HSIAO, Simon  
Testing Site: 1.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383, Taiwan (R.O.C.)

P26, total 29 pages

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



22. 05 Transportation Equipment

Charging interface and cable for electric vehicle conductive AC charging equipment

E001 safety

CNS 15700-1 (2017)

CNS 15700-2 (2021)

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

3  $\phi$ , 380 Vac max., 70 A max., 50 Hz/60 Hz

DC 250 kW max.

exclude CNS 15700-1, CNS 15700-2, CNS 15700-3 ch 31, 33

Approval Signatory: YANG, Andy; HSIAO, Simon

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

22. 05 Transportation Equipment

Charging interface and cable for electric vehicle conductive DC/combined charging equipment

E001 safety

CNS 15700-1 (2017)

CNS 15700-3 (2021)

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

3  $\phi$ , 380 Vac max., 70 A max., 50 Hz/60 Hz

DC 250 kW max.

exclude CNS 15700-1, CNS 15700-2, CNS 15700-3 ch 31, 33

Approval Signatory: YANG, Andy; HSIAO, Simon

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

22. 05 Transportation Equipment

Stationary a.c. and d.c. conductive power supply systems for electric motorcycle

E001 Standard interface for d.c. power supply systems

CNS 16127 (2020)

Approval Signatory: KU, Anderson; WU, Joy; YANG, Andy; HSIAO, Simon

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

23. 01 Children's Products

Electric toys

E001 safety

CNS 4797 (2015)

CNS 14276 (1998)

Test sites: 1. No. 555, Sec. 2, Wenhua Rd., Linkou Dist., New Taipei City, Taiwan (R.O.C.)  
(Exclude Glow wire test, Switch Test) 2. No. 8, Lane 29, Wenming Rd., Guishan Dist.,  
Taoyuan City, Taiwan (R.O.C.) (Only Glow wire test, Switch Test)

Approval Signatory: KU, Anderson; YANG, Andy; HSIAO, Simon

Testing Site: 1.No.555, Sec. 2, Wenhua 3rd Rd., Linkou Dist., New Taipei City 244,  
Taiwan (R.O.C.); 2.No.8, Lane 29, Wenming Rd., Guishan Dist., Taoyuan City 33383,  
Taiwan (R.O.C.)



■ 23. 01 Children's Products

Toys

M996 mechanical and physical properties

CNS 4797 (2015)

CNS 4797-3 (2015)

Exclude sound pressure level

Approval Signatory: KU, Anderson; YANG, Andy; HSIAO, Simon

T001 Flammability

CNS 4797 (2015)

CNS 4797-1 (2014)

Approval Signatory: KU, Anderson; YANG, Andy; HSIAO, Simon

**Accreditation Program for BSMI Mutual Recognition Arrangement with Foreign Authorities**

■ 18. 03 Commodity

Household switch for fixed wiring; Switches for household and similar fixed-electrical installations

E001 safety

PNS 1485-1: 1996+Amd. 01 & 02: 1996

IEC 60669-1: 1993+Amd. 01: 1994+Amd. 02: 1995

1  $\phi$ , 300 Vac max., 63 A max., 50 Hz/60 Hz

Approval Signatory: YANG, Andy; HSIAO, Simon

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

■ 19. 15 Electronic and Electric

13 A switched and unswitched socket-outlets

E001 safety

SS 145: part 2

250 Vac max., 13 A max., 50 Hz/60 Hz, 1  $\phi$

Approval Signatory: YANG, Andy; HSIAO, Simon

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

■ 19. 15 Electronic and Electric

13 A plugs, socket-outlets, adaptors and connection units- Part 1: Specification for rewirable and non -rewirable 13 A fused plugs

E001 safety

SS 145: part 1

250 Vac max., 13 A max., 50 Hz/60 Hz, 1  $\phi$

Approval Signatory: YANG, Andy; HSIAO, Simon

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



19. 15 Electronic and Electric

Plugs and socket-outlets for household and similar purposes-Part 1: General requirements

E001 safety

PNS 1486-1: 1996

PNS 1572: 1997

IEC 60884-1: 1994

IEC 60083: 1975

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

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

Approval Signatory: YANG, Andy; HSIAO, Simon

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

(Null below)

