



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

Certificate of Accreditation

(Certificate No : L3424-240314)

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
March 14, 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 28 pages



EN 60669-1
PNS 1485-1: 1996+Amd. 01& 02: 1996
IEC 60669-1: 1993+Amd. 01: 1994+Amd. 02: 1995
1 ϕ , 300 Vac max., 20 A max., 60 Hz (CNS 695)
1 ϕ , 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 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.)

18.03 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 ϕ , 3 ϕ

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 ϕ , 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 ϕ , 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 mm² up to 4.0 mm²

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 mm² to 25 mm²

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 mm² to 1.0 mm²

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 mm² to 2.5 mm²

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 28 pages



EN 50525-1
EN 50525-2-21
450 V/750 V (U0/U) max., 0.5 mm² up to 1.5 mm²

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) mm²; (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 cable for fixed wiring
E001 safety
IEC 60227-4
J60227-4
450 V/750 V max., (2 to 5) cores, 1.5 mm² to 35 mm²

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 cable for fixed wiring
E001 safety
IEC 60227-3
J60227-3
450 V/750 V max., 1 core, 0.5 mm² to 400 mm²

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 mm² up to 4.0 mm²

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 mm² to 16 mm²

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 mm² to 1.5 mm²

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 mm² to 14 mm²

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 mm² to 3.5 mm²

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 mm² to 2.0 mm², 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 mm² to 8 mm²

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 polyvinyl chloride insulated and sheathed cables
E001 safety
CNS 3301
CNS 6556
600 V max., (1 to 4) cores, 0.75 mm² to 3.5 mm²

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 mm² to 4.0 mm²
600 V max., 0.8 mm² to 3.5 mm² (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.)

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18.05 Commodity
300 V 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 mm² to 5.5 mm² (CNS 546)
450/750 V max., (2 to 5) cores, 0.75 mm² to 4.0 mm² (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 mm² to 3.5 mm²

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 ϕ , 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 ϕ , 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 ϕ , 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 ϕ , 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 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.)



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 ϕ , 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 ϕ , 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 ϕ , 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 ϕ , 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
Switched socket-outlets without interlock for fixed installations
E001 safety
IEC 60884-2-3
1 ϕ , 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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19. 15 Electronic and Electric

Cord extension sets

E001 safety

CNS 15767-2-7

IEC 60884-2-7

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.)

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 ϕ , 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 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.)

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

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 ϕ , 3 ϕ , 250 Vac max., 30 A max., 50 Hz/60 Hz

P11, total 28 pages



1 ϕ , 3 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.)

■ 19.15 Electronic and Electric
Plug and socket-outlets for household and similar general use 127 V
E001 safety
SASO 2204
1 ϕ , 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 ϕ , 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 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.)

■ 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
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.)

■ 19.15 Electronic and Electric
Appliances couplers for household and similar general purposes
E001 safety
IEC 60320-1
P12, total 28 pages



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 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.)

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

E001 safety

CNS 690

1 ϕ , 250 Vac, 50 A max., 60 Hz

3 ϕ , 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 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.)

19.15 Electronic and Electric

Plugs and socket-outlets

E001 safety

AS/NZS 3112: 2017 +A1: 2021

1 ϕ , 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: 2~8 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: 2~8 P
Horsepower: 0.5~50 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: 2~8 P
Horsepower: 0.5~60 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: 2~8 P
Horsepower: 0.5~60 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: 2~8 P
Horsepower: 0.5~60 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: 2~8 P
Horsepower: 0.5~60 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: 440 V max.
Frequency: 60 Hz
Pole: 2~8 P
Horsepower: 0.5~5 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: 2~8 P
Horsepower: 0.5~60 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

P15, total 28 pages

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



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 ϕ 300 Vac max., 10 kVA max., 50/60/400 Hz
3 ϕ 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 ϕ 300 Vac max., 10 kVA max., 50/60/400 Hz
3 ϕ 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
1 ϕ , 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 ϕ , 250 Vac max., 80 A max., 50 Hz/60 Hz
3 ϕ , 380 Vac max., 200 A max., 50 Hz/60 Hz
P17, total 28 pages



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

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

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

120 Vdc max, 30 A max.

Approval Signatory: 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 ϕ , 300 Vac max., 47 Hz to 63 Hz, 30 A max.

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

120 Vdc max, 30 A max.

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

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

P18, total 28 pages

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



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

**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 ϕ , 300 Vac max., 20 A max., 60 Hz (CNS 695)
1 ϕ , 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 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.)

18.03 Commodity

Switches for appliances

E001 safety

IEC 61058-1 (2008)

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

1 ϕ , 3 ϕ

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 ϕ , 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 ϕ

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 mm² up to 4.0 mm²

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 mm² to 25 mm²

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, 0.5 mm² to 2.5 mm²

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 cable for fixed wiring
E001 safety
IEC 60227-4 (1997)
450 V/750 V max., (2 to 5) cores, 1.5 mm² to 35 mm²

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 cable for fixed wiring
E001 safety
IEC 60227-3 (1997)
450 V/750 V max., 1 core, 0.5 mm² to 400 mm²

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 mm² up to 4.0 mm²

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
P21, total 28 pages



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 mm² to 14 mm² (CNS 6070)
450 V/750 V max., (1 to 5) cores, 0.5 mm² to 4.0 mm² (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 mm² to 3.5 mm²

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 mm² to 2.0 mm², 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 mm² to 8 mm²

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)
P22, total 28 pages



CNS 6556 (1984)
600 V max., (1 to 4) cores, 0.75 mm² to 3.5 mm²

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 mm² to 3.5 mm² (CNS 679)
450 V/750 V max., (1 to 5) cores, 0.5 mm² to 4.0 mm²

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 (2004)
300 V max., (2 to 4) cores, 0.5 mm² to 5.5 mm²

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 mm² to 4.0 mm²

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 mm² to 3.5 mm²

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 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 (2006)
1 ϕ , 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 ϕ , 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 ϕ , 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
Cord extension sets
E001 safety
CNS 15767-2-7 (2016)
1 ϕ , 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 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.)

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 ϕ , 3 ϕ , 250 Vac max., 30 A max., 60 Hz (CNS 15767-1, CNS 15767-2-5)
1 ϕ , 3 ϕ , 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 ϕ , 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: 2~8 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 (2011)
Rated voltage: 600 V max.
Frequency: 60 Hz
P25, total 28 pages



Pole: 2~8 P
Horsepower: 0.5~50 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: 2~8 P
Horsepower: 0.5~5 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: 2~8 P
Horsepower: 0.5~60 HP

Approval Signatory: KU, Anderson; HSIAO, Simon

■ 22.05 Transportation Equipment
Electric vehicle AC charging equipment
E001 safety
CNS 15511-2 (2011)
1 ϕ , 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 ϕ , 250 Vac max., 80 A max., 50 Hz/60 Hz
3 ϕ , 380 Vac max., 200 A max., 50 Hz/60 Hz
DC 250 kW max.
excluded ch 6.3.14, ch 6.3.22

Approval Signatory: 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 AC charging equipment
E001 safety
CNS 15700-1 (2017)
CNS 15700-2 (2021)
P26, total 28 pages



1 ϕ , 250 Vac max., 80 A max., 50 Hz/60 Hz
3 ϕ , 380 Vac max., 70 A max., 50 Hz/60 Hz
DC 250kW 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 ϕ , 250 Vac max., 80 A max., 50 Hz/60 Hz
3 ϕ , 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 ϕ , 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 (2018)

250 Vac max., 13 A max., 50 Hz/60 Hz, 1 ϕ

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 (2019)

250 Vac max., 13 A max., 50 Hz/60 Hz, 1 ϕ

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

3 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.)

(Null below)

P28, total 28 pages

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

