

CERTIFICATION BODY ACCREDITATION PROGRAM (CBAP)

Scope of Accreditation

Accredited Legal Entity: TÜV Rheinland of North America, Inc.

Contact Name: Chan Wang

LOCATION A

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SCC File Number:	10032
Accreditation Standard:	ISO/IEC 17065:2012 – Conformity assessment — Requirements for bodies certifying products, processes and services
Additional Accreditation Requirement:	SCC Requirements and Guidance – Product, Process, and Service Certification Body Accreditation Program, v3, 2020-02-16
Initial Accreditation:	2000-01-31
Most Recent Reaccreditation:	2024-06-18
Accreditation Valid to:	2024-10-31

Additional Fixed Office Locations:

The certification activities conducted by the above-mentioned legal entity at the following locations are also included in this scope of accreditation:

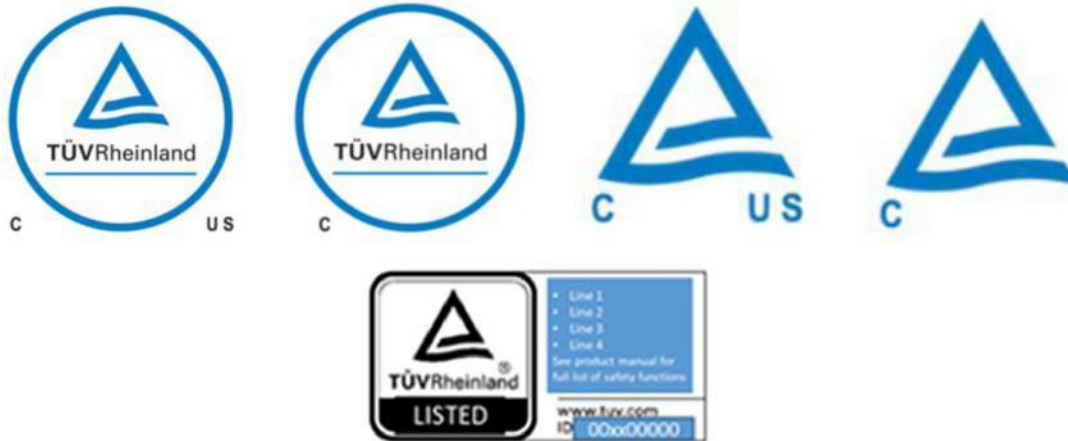
Location	Country	Address	City
B	China	TÜV Rheinland (Shanghai) Co., Ltd. No. 177, Lane 777, West Guangzhong Road, Jing'an District, Shanghai, China	Shanghai

Location	Country	Address	City
C	China	TÜV Rheinland (Shenzhen) Co., 1601-1604, 17-18F, Tower A Building 2, Shenzhen International Innovation Valley, Dashi 1st Road, Xili Street, Xili Community, Nanshan District, Shenzhen	Shenzhen
D	Japan	TUV Rheinland Japan Ltd., Global Technology Assessment Center, 4-25-2 Kita-Yamata, Tsuzuki- ku, Yokohama, Kanagawa, 224-0021	Yokohama
E	Taiwan	TUV Rheinland Taiwan Ltd., 11F., No. 758, Sec. 4, Bade Rd., Songshan Dist., Taipei 105	Taipei
F	Taiwan	TUV Rheinland Taiwan Ltd., Taoyuan Testing Laboratories 4F-1, No. 38, Huaya 1st Road, Guishan District, Taoyuan City 333	Taoyuan
G	Germany	TÜV Rheinland LGA Products GmbH Am Grauen Stein 29, Köln, NRW 51105	Cologne
H	USA	TÜV Rheinland of North America, Inc. 1279 Quarry Ln, Suite A Pleasanton, CA 94566	Pleasanton
I	USA	TÜV Rheinland of North America, Inc. 710 Resende Road, Bldg. 199, Webster, NY 14580	Webster

Certification Mark:



Protected Mark:



Product Certification Scheme:

ISO/IEC 17067, Conformity assessment - Fundamentals of product certification and guidelines for product certification schemes, *scheme type 3* most closely resembles the product certification scheme operated by this organization. The surveillance part of this scheme involves periodically taking samples of the product from the point of production and subjecting them to determination activities to check that items produced subsequent to the initial attestation fulfil the specified requirements. The surveillance includes periodic assessment of the production process. This scheme does not provide any indication of the impact the distribution channel plays on conformity. When serious nonconformities are found, the opportunity may exist to resolve them before widespread market distribution occurs.

Scope of Accreditation:

The scope of accreditation for the above-mentioned legal entity limits the use of the certification mark shown, to products that meet standards classified by the following international classification coding:

ICS No.	Title	Purpose
11.040	Medical equipment	Electrical Safety
11.040.10	Anaesthetic, respiratory and reanimation equipment	Electrical Safety
11.040.20	Transfusion, infusion and injection equipment	Electrical Safety

ICS No.	Title	Purpose
11.040.30	Surgical instruments and materials	Electrical Safety
11.040.50	Radiographic equipment	Electrical Safety
11.040.55	Diagnostic equipment	Electrical Safety
11.040.60	Therapy equipment	Electrical Safety
11.060.20	Dental equipment	Electrical Safety
11.140	Hospital equipment	Electrical Safety
13.110	Safety of machinery	Safety
13.260	Protection against electric shock. Live working	Electrical Safety
19.080	Electrical and electronic testing	Electrical Safety
23.120	Ventilators. Fans. Air-conditioners	Electrical Safety
25.040	Industrial Automation Systems	Safety
25.040.30	Industrial Robots. Manipulators	Electrical Safety
25.040.40	Industrial Process Measurement and Control	Safety
25.040.99	Other Industrial Automation Systems	Safety
25.140.20	Electric tools	Electrical safety
25.160.30	Welding equipment	Electrical Safety
25.180.10	Electric furnaces	Electrical safety
27.160	Solar energy engineering	Electrical Safety
29.020	Electrical Engineering in General	Safety
29.060.10	Wires	Electrical Safety and Performance
29.060.20	Cables	Electrical Safety and Performance
29.100.10	Magnetic components	Electrical Safety
29.100.20	Electrical and electromechanical components	Electrical Safety
29.120.10	Conduits for electrical purposes	Electrical Safety
29.120.20	Connecting devices	Electrical Safety
29.120.30	Plugs, socket-outlets, couplers	Electrical Safety
29.120.40	Switches	Electrical Safety

ICS No.	Title	Purpose
29.120.50	Fuses and other overcurrent protection devices	Electrical Safety
29.120.70	Relays	Electrical Safety
29.130.10	High voltage switchgear and controlgear	Electrical Safety
29.130.20	Low voltage switchgear and controlgear	Electrical Safety
29.140.10	Lamp caps and holders	Electrical Safety
29.140.20	Incandescent lamps	Electrical Safety
29.140.30	Fluorescent lamps. Discharge lamps	Electrical Safety
29.140.40	Luminaires	Electrical Safety
29.140.50	Lighting installation systems	Electrical Safety
29.160.20	Generators	Electrical Safety
29.160.30	Motors	Electrical Safety
29.160.40	Generating Sets	Electrical Safety
29.180	Transformers. Reactors	Electrical Safety
29.200	Rectifiers. Convertors. Stabilized power supply	Electrical Safety
29.220	Galvanic cells and batteries	Electrical Safety
29.220.30	Alkaline secondary cells and batteries	Electrical Safety
29.260.10	Electrical installations for outdoor use	Electrical Safety
31.040.10	Fixed resistors	Electrical Safety
31.040.20	Potentiometers, variable resistors	Electrical Safety
31.040.30	Thermistors	Electrical Safety
31.060.10	Fixed capacitors	Electrical Safety
31.060.20	Ceramic and mica capacitors	Electrical Safety
31.060.30	Paper and plastics capacitors	Electrical Safety
31.060.40	Tantalum electrolytic capacitors	Electrical Safety
31.060.50	Aluminum electrolytic capacitors	Electrical Safety
31.060.70	Power capacitors	Electrical Safety
31.100	Electronic tubes	Electrical Safety
31.120	Electronic display devices	Electrical Safety

ICS No.	Title	Purpose
31.160	Electric filters	Electrical Safety
31.180	Printed circuits and boards	Electrical Safety
31.190	Electronic component assemblies	Electrical Safety
31.200	Integrated circuits. Microelectronics	Electrical Safety
31.220.10	Plug-and-socket devices. Connectors	Electrical Safety
31.220.20	Switches	Electrical Safety
33.020	Telecommunications in general	Electrical Safety
31.260	Optoelectronics. Laser equipment	Electrical Safety
33.050	Telecommunication terminal equipment	Electrical Safety
33.050.10	Telephone equipment	Electrical Safety
33.060.20	Receiving and transmitting equipment	Electrical Safety
33.060.30	Radio relay and fixed satellite communications systems	Electrical Safety
33.060.40	Cable distribution systems	Electrical Safety
33.080	Integrated Services Digital Network (ISDN)	Electrical Safety
33.100.10	Emission	Electrical Safety
33.100.20	Immunity	Electrical Safety
33.120.10	Coaxial cables. Waveguides	Electrical Safety
33.120.20	Wires and symmetrical cables	Electrical Safety
33.160	Audio, video and audiovisual engineering	Electrical Safety
33.160.10	Amplifiers	Electrical Safety
33.160.20	Radio receivers	Electrical Safety
33.160.25	Television receivers	Electrical Safety
33.160.30	Audio systems	Electrical Safety
33.160.50	Accessories	Electrical Safety
33.160.60	Multimedia systems and teleconferencing equipment	Electrical Safety
33.180.10	Fibres and cables	Electrical Safety
33.180.20	Fibre optic interconnecting devices	Electrical Safety

ICS No.	Title	Purpose
33.180.30	Optic amplifiers	Electrical Safety
33.200	Telecontrol. Telemetry	Electrical Safety
35.020	Information technology (IT) in general	Electrical Safety
35.160	Microprocessor systems	Electrical Safety
35.180	IT terminal and other peripheral equipment	Electrical Safety
35.200	Interface and interconnection equipment	Electrical Safety
35.240.50	IT Applications in Industry – Including Design Automation	Safety
35.260	Office machines	Electrical Safety
37.040.10	Photographic equipment. Projectors	Electrical Safety
37.060.10	Motion picture equipment	Electrical Safety
43.040	Road Vehicle Systems	Electrical Safety
43.040.20	Lighting, signaling and warning devices	Electrical Safety
43.120	Electrical Road Vehicles (includes their components and systems)	Electrical Safety
43.150	Electrical Systems for eBikes	Electrical Safety
53.020.20	Cranes	Safety
53.100	Earth-moving machinery	Safety
61.080	Sewing machines and other equipment for the clothing industry	Electrical Safety
65.060.70	Horticultural equipment	Electrical Safety
73.100.20	Ventilation, air-conditioning and illumination equipment	Electrical Safety
79.120.10	Woodworking machines	Electrical Safety
91.140.50	Electricity supply systems	Electrical Safety
91.140.65	Water heating equipment	Electrical Safety
91.160.10	Interior Lighting	Electrical Safety
91.160.20	Exterior building lighting	Electrical Safety
91.220	Construction equipment	Electrical Safety
93.080.40	Street lighting and related equipment	Electrical Safety

97.030	Domestic electric appliances in general	Electrical Safety
97.040.20	Cooking ranges, working tables, ovens and similar appliances	Electrical Safety
97.040.30	Domestic refrigerating appliances	Electrical Safety
97.040.40	Dishwashers	Electrical Safety
97.040.50	Small kitchen appliances	Electrical Safety
97.060	Laundry appliances	Electrical Safety
97.080	Cleaning appliances	Electrical Safety
97.100.10	Electric heaters	Electrical Safety
97.130.20	Commercial refrigerating appliances	Electrical Safety
97.140	Furniture	Electrical Safety
97.170	Body care equipment	Electrical Safety
97.180	Miscellaneous domestic and commercial equipment	Electrical Safety
97.195	Items of art and handicrafts. Cultural property and heritage	Electrical Safety
97.200.10	Theatre, stage and studio equipment	Electrical Safety
97.200.50	Toys	Electrical Safety

Certification Mark:



Product Certification Scheme:

ISO/IEC 17067, Conformity assessment - Fundamentals of product certification and guidelines for product certification schemes, *scheme type 2* most closely resembles the product certification scheme operated by this organization. The surveillance part of this scheme involves periodically taking samples of the product from the market and subjecting them to determination activities to check that items produced subsequent to the initial attestation fulfil the specified requirements. While this scheme may identify the impact of the distribution channel on conformity, the resources it requires can be extensive. Also, when significant nonconformities are found, effective corrective measures may be limited since the product has already been distributed to the market.

Scope of Accreditation:

The scope of accreditation for the above-mentioned legal entity limits the use of the certification mark shown, to products that meet standards classified by the following international classification coding:

ICS No.	Title	Purpose
23.120	Ventilators. Fans. Air-conditioners	Energy Efficiency
29.140.30	Fluorescent lamps. Discharge lamps	Energy Efficiency
29.140.40	Luminaires	Energy Efficiency
29.160.30	Motors	Energy Efficiency
29.160.40	Generating sets	Energy Efficiency
29.180	Transformers. Reactors	Energy Efficiency
33.050.10	Telephone equipment	Energy Efficiency
33.160.10	Amplifiers	Energy Efficiency
33.160.20	Radio receivers	Energy Efficiency
33.160.25	Television receivers	Energy Efficiency
33.160.30	Audio systems	Energy Efficiency
35.110	Networking	Energy Efficiency
35.160	Microprocessor systems	Energy Efficiency

ICS No.	Title	Purpose
35.180	IT terminal and other peripheral equipment	Energy Efficiency
35.220.01	Data storage devices in general	Energy Efficiency
91.140.65	Water heating equipment	Energy Efficiency
97.030	Domestic electric appliances in general	Energy Efficiency
97.040.20	Cooking ranges, working tables, ovens and similar appliances	Energy Efficiency
97.040.30	Domestic refrigerating appliances	Energy Efficiency
97.040.40	Dishwashers	Energy Efficiency
97.040.50	Small kitchen appliances	Energy Efficiency
97.060	Laundry appliances	Energy Efficiency
97.080	Cleaning appliances	Energy Efficiency
97.100.10	Electric heaters	Energy Efficiency
97.130.20	Commercial refrigerating appliances	Energy Efficiency
97.170	Body care equipment	Energy Efficiency

Certification Mark:



Product Certification Scheme:

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ICS No.	Title	Purpose
23.120	Ventilators. Fans. Air-conditioners	Energy Efficiency
29.140.30	Fluorescent lamps. Discharge lamps	Energy Efficiency
29.140.40	Luminaires	Energy Efficiency
29.160.30	Motors	Energy Efficiency
29.160.40	Generating sets	Energy Efficiency
29.180	Transformers. Reactors	Energy Efficiency
29.200	Rectifiers. Convertors. Stabilized power supply	Energy Efficiency
33.050.10	Telephone equipment	Energy Efficiency
33.160.10	Amplifiers	Energy Efficiency
33.160.20	Radio receivers	Energy Efficiency
33.160.25	Television receivers	Energy Efficiency

ICS No.	Title	Purpose
33.160.30	Audio systems	Energy Efficiency
35.110	Networking	Energy Efficiency
35.160	Microprocessor systems	Energy Efficiency
35.180	IT terminal and other peripheral equipment	Energy Efficiency
35.220.01	Data storage devices in general	Energy Efficiency
91.140.65	Water heating equipment	Energy Efficiency
97.030	Domestic electric appliances in general	Energy Efficiency
97.040.20	Cooking ranges, working tables, ovens and similar appliances	Energy Efficiency
97.040.30	Domestic refrigerating appliances	Energy Efficiency
97.040.40	Dishwashers	Energy Efficiency
97.040.50	Small kitchen appliances	Energy Efficiency
97.060	Laundry appliances	Energy Efficiency
97.080	Cleaning appliances	Energy Efficiency
97.100.10	Electric heaters	Energy Efficiency
97.130.20	Commercial refrigerating appliances	Energy Efficiency
97.170	Body care equipment	Energy Efficiency
97.180	Miscellaneous domestic and commercial equipment	Energy Efficiency

This document forms part of the Certificate of Accreditation issued by the Standards Council of Canada (SCC) to TÜV Rheinland of North America, Inc. The original version is available in the Directory of Accredited Product, Process and Service Certification Bodies on the SCC website at www.scc-ccn.ca.

Elias Rafoul
 Vice-President, Accreditation Services
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