



## CERTIFICATION BODY ACCREDITATION PROGRAM (CBAP)

### Scope of Accreditation

**Accredited Legal Entity:** TÜV RHEINLAND OF NORTH AMERICA, INC.

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<b>SCC File #:</b>	10032
<b>Initial Accreditation Date:</b>	2000-01-31
<b>Reaccreditation Date:</b>	2014-01-27
<b>Accreditation Expiry Date:</b>	2018-01-31
<b>Accreditation Standard:</b>	ISO/IEC 17065 CAN-P-1500:2013

#### Additional Critical/Key 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
A	USA	TÜV Rheinland of North America, Inc. 2324 Ridgepoint Dr #E Austin, TX 78754-5214	Austin
B	USA	TÜV Rheinland of North America, Inc. 1300 Massachusetts Avenue, Suite 103 Boxborough, MA 01719	Boxborough
C	USA	TÜV Rheinland of North America, Inc. 2100 Golf Road, Suite 300 Rolling Meadows, IL 60008	Chicago
D	USA	TÜV Rheinland of North America, Inc.	Pleasanton



Location	Country	Address	City
		1279 Quarry Ln, Suite A Pleasanton, CA 94566	
E	USA	TÜV Rheinland of North America, Inc. 762 Park Avenue Youngsville, NC 27596-9470	Raleigh
F	USA	TÜV Rheinland of North America, Inc. 8 Pasteur St., Irvine, CA 92618	Irvine
G	USA	TUV Rheinland PTL 2210 South Roosevelt Street Tempe, Arizona, 85282	Tempe
H	Germany	TÜV Rheinland LGA Products GmbH Am Grauen Stein 29, Köln, NRW 51105 Germany	Cologne
I	China	TÜV Rheinland (Shanghai) Co., Ltd. No.177, Lane 777, West Guangzhong Road Zhabei District, Shanghai, China	Shanghai
J	China	TUV Rheinland (Shenzhen) Co., Ltd. 3&4 F, Cybio Technology Building No. 1, Langshan No. 2 Road South, 5th Industrial Area, High-Tech Industry Park North, Nanshan District, China	Shenzhen
K	Japan	TUV Rheinland Japan Ltd., Global Technology Assessment Center, 4-25- 2 Kita-Yamata, Tsuzuki-ku, Yokohama, Kanagawa, 224-0021 JAPAN	Yokohama
L	Taiwan	TUV Rheinland Taiwan Ltd., 11F., No. 758, Sec. 4, Bade Rd., Songshan Dist., Taipei 105 TAIWAN	Taipei



**Certification 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
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



ICS No.	Title	Purpose
11.140	Hospital equipment	Electrical Safety
13.110	Safety of machinery	Safety
13.260	Protection against electric shock	Electrical Safety
19.080	Electrical and electronic testing	Electrical Safety
23.120	Ventilators, Fans, Air-conditioners	Electrical 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 (Photovoltaic Panels)
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
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	Lampholders	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



ICS No.	Title	Purpose
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
29.220.30	Alkaline secondary cells and batteries	Electrical Safety
29.260.10	Electrical installations for outdoor use	Electrical Safety
29.260.20	Electrical apparatus for explosive atmospheres	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 plastic capacitors	Electrical Safety
31.060.40	Tantalum electrolytic capacitors	Electrical Safety
31.060.50	Aluminum electrolytic capacitors	Electrical Safety
31.060.60	Variable capacitors	Electrical Safety
31.060.70	Power capacitors	Electrical Safety
31.100	Electronic tubes	Electrical Safety
31.120	Electronic display devices	Electrical Safety
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
31.260	Optoelectronics. Laser equipment	Electrical Safety



ICS No.	Title	Purpose
33.020	Telecommunications in general	Electrical Safety
33.030	Telecommunication services. Applications	Electrical Safety
31.260	Optoelectronics. Laser equipment	Electrical Safety
33.040.40	Data communication networks	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	Electrical Safety
33.100	Electromagnetic compatibility (EMC)	Performance
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
33.160.40	Video 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
33.180.30	Optic amplifiers	Electrical Safety
33.200	Telecontrol. Telemetry	Electrical Safety



ICS No.	Title	Purpose
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
35.240.40	IT applications in banking	Electrical Safety
35.260	Office machines	Electrical Safety
37.040.10	Photographic equipment. Projectors	Electrical Safety
37.060	Cinematography	Electrical Safety
37.060.10	Motion picture equipment	Electrical Safety
37.100	Graphic technology	Electrical Safety
37.100.10	Reproduction equipment	Electrical Safety
39.040.20	Clocks	Electrical Safety
43.040.20	Lighting, signaling and warning devices	Electrical Safety
43.060.50	Electrical and electronic equipment. Control systems.	Electrical Safety
43.180	Diagnostic, maintenance and test equipment	Electrical Safety
61.080	Sewing machines and other equipment for the clothing industry	Electrical Safety
73.100.20	Ventilation, air-conditioning and illumination equipment	Electrical Safety
79.120.10	Woodworking machines	Electrical Safety
87.100	Paint coating equipment	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
91.190	Building accessories	Electrical Safety
91.220	Construction equipment	Electrical Safety
93.080.40	Street lighting and related equipment	Electrical Safety



ICS No.	Title	Purpose
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	Floor treatment appliances	Electrical Safety
97.100.10	Electric heaters	Electrical Safety
97.130.20	Commercial refrigerating appliances	Electrical Safety
97.140	Furniture	Electrical Safety
97.145	Ladders	Electrical Safety
97.170	Body care equipment	Electrical Safety
97.195	Items of art and handicrafts	Electrical Safety
97.200.10	Theatre, stage and studio equipment	Electrical Safety
97.200.20	Musical instruments	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
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



ICS No.	Title	Purpose
33.160.25	Television receivers	Energy Efficiency
33.160.30	Audio systems	Energy Efficiency
33.160.40	Video 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
39.040.20	Clocks	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	Floor treatment 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