



CERTIFICATION BODY ACCREDITATION PROGRAM (CBAP)

Scope of Accreditation

Accredited Legal Entity: TÜV SÜD AMERICA INC. (Product Service Division)

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SCC File #:	10036
Initial Accreditation Date:	2003-06-04
Date of Most Recent Reaccreditation:	2016-06-09
Accreditation Expiry Date:	2020-06-04
Accreditation Standard:	ISO/IEC 17065 Requirements and Guidance – Product, Process, and Service Certification Body Accreditation Program

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
A	USA	TÜV SÜD America Inc. 5945 Cabot Parkway, Suite 100 Alpharetta, GA 30005	Atlanta
B	USA	TÜV SÜD America Inc. 1775 Old Highway 8 NW, Suite 104 New Brighton, MN 55112-1891	New Brighton
C	USA	TÜV SÜD America Inc.	Peabody

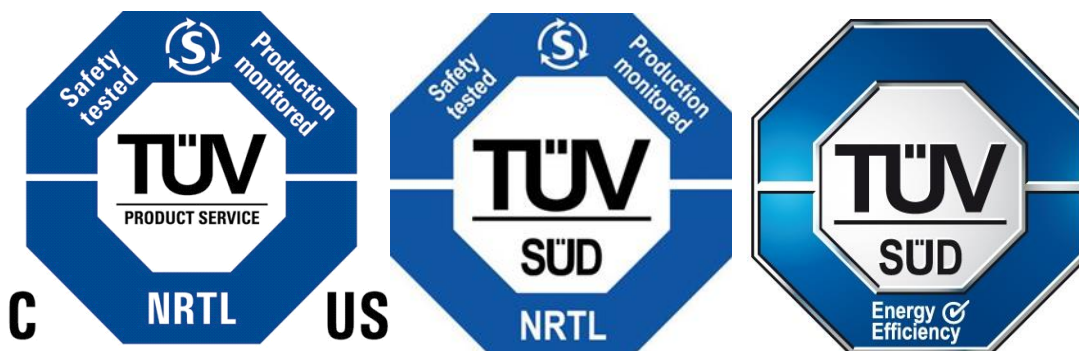


Location	Country	Address	City
		10 Technology Drive Peabody, MA 01960	
D	USA	TÜV SÜD America Inc. 7800 SW Durham Rd., Ste. 200, Portland, OR 97224	Portland
E	USA	TÜV SÜD America Inc. 10040 Mesa Rim Road San Diego, CA 92121	San Diego
F	USA	TÜV SÜD America Inc. 5610 West Sligh Avenue, Suite 100 Tampa, FL 33634	Tampa
G	Canada	TÜV SÜD Canada Inc. 11 Gordon Collins Drive, Gormley, Ontario L0H 1G0, Canada	Gormley
H	Canada	TUV SUD Canada Inc. 1229 Ringwell Drive Newmarket, Ontario L3Y 8T8	Newmarket
I	Germany	TÜV SÜD Product Service GmbH Ridlerstraße 65 80339 München	Munich
J	Germany	TÜV SÜD Product Service GmbH Daimlerstr. 11, 85748 Garching, Germany	Garching
K	China	TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch Building12&13, Zhiheng Wisdomland Business Park, Nantou Checkpoint Road 2, 518052, Shenzhen	Shenzhen
L	China	TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch No.11, Jukeng Rd., Juling Village, Jutang District, Guanlan, Longhua New District, 518110, Shenzhen, Guangdong, China	Shenzhen
M	China	TÜV SÜD Certification and Testing (China) Co., Ltd. Jiangsu TÜV Product Service, Ltd - Guangzhou	Guangzhou



Location	Country	Address	City
		5F, Communication Building, 163 Pingyun Rd, Huangpu West Ave, Guangzhou, 510656, P. R. China	
N	China	TÜV SÜD Certification and Testing (China) Co. Ltd. 3-13, No. 151 Heng Tong Road Shanghai 200070 P.R. China	Shanghai
O	Japan	TÜV SÜD Japan Ltd. Sumitomo Fudosan Nishi-shinjuku Bldg. No. 4 8F 4-33-4 Mishi-Sinjuku, Shinjuku-ku Tokyo 160-0023 Japan	Tokyo
P	Korea	TÜV SÜD Korea Ltd. #315 and 316, MARIO Tower, 222-12, Guro-Dong, Guro-Gu, 152-050, Seoul, Korea	Seoul
Q	Singapore	TÜV SÜD PSB Pte. Ltd. 1 Science Park Drive, Singapore 118221	Singapore
R	United Kingdom	TÜV SÜD (UK) Ltd. Segensworth Road Titchfield Fareham, Hampshire England P015 5RH UK	Fareham
S	Taiwan	TÜV SÜD Asia Ltd 7F., No. 37, Sec. 2, Zhongyang S., Rd., Beitou District, Taipei City 11270 R.O.C. Taiwan	Taipei

Certification Mark:



Product Certification Scheme:



Instructions: Choose the appropriate paragraph based on the customer's scope, and delete the others.

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
11.040.50	Radiographic equipment	Safety - Electrical
11.040.99	Other medical equipment	Safety - Electrical
11.060.20	Dental equipment	Safety - Electrical
11.080.10	Sterilization equipment	Safety - Electrical
11.140	Hospital equipment (hospital beds)	Safety - Electrical
13.100	Occupational safety. Industrial hygiene	Safety - Occupational
13.110	Safety of machinery	Safety - Occupational
13.120	Domestic safety	Safety - Occupational
13.140	Noise with respect to human beings	Safety - Occupational
13.160	Vibration and shock with respect to human beings	Safety - Occupational
13.180	Ergonomics	Safety - Occupational
13.240	Protection against excessive pressure	Safety - Occupational
13.260	Protection against electric shock	Safety - Electrical
13.280	Radiation protection	Safety - Electrical
17.020	Metrology and measurement in general	Safety - Electrical
17.140.20	Noise emitted by machines and equipment	Safety - Occupational
17.220.20	Measurement of electrical and magnetic quantities (instrument transformers)	Safety - Electrical Safety - Occupational
19.060	Mechanical testing	Safety - Electrical
19.080	Electrical and electronic testing	Safety - Electrical
21.020	Characteristics and design of machines, apparatus, equipment	Safety - Electrical
23.060	Valves	Safety - Electrical
23.080	Pumps	Safety - Electrical



ICS No.	Title	Purpose
23.100.10	Pumps and Motors	Safety - Electrical
23.120	Ventilators. Fans. Air-conditioners	Safety - Electrical
23.140	Compressors and pneumatic machines	Safety - Electrical Safety - Occupational
23.160	Vacuum technology	Safety - Electrical
25.040	Industrial automation systems	Safety - Electrical
25.040.30	Industrial robots. Manipulators	Safety - Occupational
25.060	Machine tool systems	Safety - Electrical
25.080	Machine tools	Safety - Electrical Safety - Occupational
25.120.10	Forging equipment. Presses. Shears	Safety - Occupational
25.140	Hand-held tools	Safety - Electrical Safety - Occupational
25.140.10	Pneumatic tools	Safety - Electrical Safety - Occupational
25.160	Welding, brazing and soldering	Safety - Electrical
25.160.30	Welding equipment	Safety - Occupational
25.180	Industrial furnaces	Safety - Electrical
25.180.10	Electric furnaces	Safety - Occupational
25.180.20	Fuel furnaces	Safety - Occupational
27.060	Burners. Boilers	Safety
27.080	Heat pumps	Safety
27.140	Hydraulic energy engineering	Safety - Occupational
27.160	Solar energy engineering	Photovoltaic energy systems
27.200	Refrigerating technology	Safety - Electrical
29.020	Electrical engineering in general	Safety - Electrical
29.100	Components for electrical equipment	Safety - Electrical
29.100.20	Electric and electromechanical components	Energy Efficiency
29.120	Electrical accessories	Safety - Electrical
29.120.99	Other electrical accessories	Energy Efficiency
29.140	Lamps and related equipment	Safety - Electrical
29.160	Rotating machinery	Safety - Electrical
29.180	Transformers. Reactors	Safety - Electrical
29.200	Rectifiers. Converters. Stabilized power supply	Safety - Electrical
29.220	Galvanic cells and batteries	Safety - Electrical
29.220.30	Alkaline secondary cells and batteries	Safety - Electrical
29.220.99	Other cells and batteries	Safety - Electrical
29.240.30	Control equipment for electric power systems	Safety - Electrical Safety - Occupational
29.240.99	Other equipment related to power transmission and distribution networks	Energy Efficiency
29.260.20	Electrical apparatus for explosive atmospheres	Safety - Electrical
33.100	Electromagnetic compatibility (EMC)	Performance - EMC
33.160	Audio, video and audiovisual engineering	Safety - Electrical
35.020	Information technology (IT) in general	Safety - Electrical



ICS No.	Title	Purpose
35.140	Computer graphics	Safety - Electrical
35.160	Microprocessor systems	Safety - Electrical
35.180	IT terminal and other peripheral equipment	Safety - Electrical Performance - General
35.200	Interface and interconnection equipment	Safety - Electrical Performance - General
35.220	Data storage devices	Safety - Electrical
35.240.40	IT applications in banking	Safety - Electrical
35.260	Office machines	Safety - Electrical
37.040.10	Photographic equipment. Projectors	Safety - Electrical
37.100	Graphic technology	Safety - Electrical
43.080.10	Trucks and trailers	Safety - Occupational
53.020.20	Cranes	Safety - Occupational
53.020.99	Other lifting equipment (hoists, elevating platforms)	Safety - Occupational
53.040.10	Conveyors	Safety - Occupational
53.060	Industrial trucks	Safety - Occupational
53.080	Storage equipment (including loading devices)	Safety - Occupational
53.100	Earth-moving machinery (including tractors, excavators, loaders, graders, etc.	Safety - Occupational
55.200	Packaging machinery	Safety - Occupational
59.120.10	Spinning, twisting and texturing machines	Safety - Occupational
59.120.20	Winding machines and equipment	Safety - Occupational
59.120.30	Loom. Weaving machines	Safety - Occupational
59.120.40	Knitting machines	Safety - Occupational
59.120.50	Dyeing and finishing equipment	Safety - Occupational
61.080	Sewing machines and other equipment for the clothing industry	Safety - Electrical
65.060.10	Agricultural tractors and trailed vehicles	Safety - Occupational
65.060.20	Soil-working equipment	Safety - Occupational
65.060.30	Sowing and planting equipment	Safety - Occupational
65.060.35	Irrigation and drainage equipment	Safety - Occupational
65.060.40	Plant care equipment	Safety - Occupational
65.060.50	Harvesting equipment	Safety - Occupational
65.060.80	Forestry equipment	Safety - Occupational
67.020	Processes in the food industry	Safety - Occupational
71.040.10	Chemical laboratories. Laboratory equipment.	Safety - Electrical
79.120.10	Woodworking machines	Safety - Occupational
81.100	Equipment for the glass and ceramics industries	Safety - Occupational
83.200	Equipment for the rubber and plastic industries	Safety - Occupational
85.100	Equipment for the paper industry	Safety - Occupational
91.040.10	Public buildings	Safety - Electrical
91.140.30	Ventilation and air-conditioning	Safety - Occupational Safety - Electrical
91.140.90	Lifts. Escalators	Electrical Safety and



ICS No.	Title	Purpose
		Performance
91.160.01	Lighting in general	Safety - Electrical
91.160.10	Interior Lighting	Energy Efficiency
91.160.20	Exterior Building Lighting	Energy Efficiency
91.220	Construction equipment	Safety - Occupational
97.030	Domestic electrical appliances in general	Safety - Electrical
97.040	Kitchen equipment	Safety - Electrical
97.040.30	Domestic refrigerating appliances	Safety - Occupational
97.060	Laundry appliances	Safety - Electrical
97.080	Floor treatment appliances	Safety - Electrical
97.100	Domestic, commercial and industrial heating appliances	Safety - Electrical
97.120	Automatic controls for household use	Safety - Electrical
97.170	Body care equipment	Safety - Electrical
97.180	Miscellaneous domestic and commercial equipment	Safety - Electrical Energy Efficiency
97.190	Equipment for children	Safety - Electrical
97.200.01	Equipment for entertainment in general	Safety - Electrical
97.200.10	Theatre, stage and studio equipment	Safety - Electrical
97.200.50	Toys	Safety - Occupational
97.200.99	Other equipment for entertainment	Safety - Electrical
97.220	Sports equipment and facilities	Safety - Electrical
97.220.99	Other sports equipment and facilities (including children's playground equipment)	Safety - Occupational