



CERTIFICATION BODY ACCREDITATION PROGRAM (CBAP)

Scope of Accreditation

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

Contact Name: Mr. Barry Quinlan, Certification and Quality Manager

Location A

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|---|---|
| SCC File Number: | 10036 |
| Accreditation Standard: | ISO/IEC 17065:2012 Requirements and Guidance – Product, Process, and Service Certification Body Accreditation Program |
| Initial Accreditation Date: | 2003-06-04 |
| Date of Most Recent Reaccreditation: | 2016-06-09 |
| Accreditation Expiry Date: | 2020-06-04 |

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



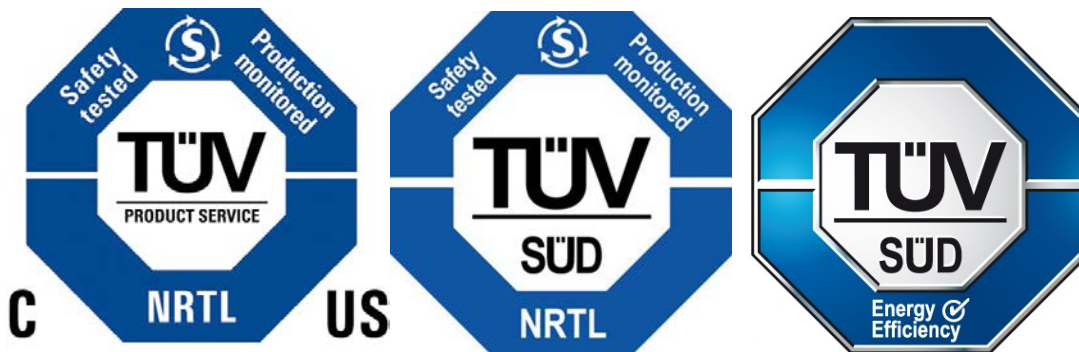
| Location | Country | Address | City |
|----------|---------|---|-----------|
| | | <i>10 Technology Drive Peabody, MA 01960</i> | |
| E | USA | <i>TÜV SÜD America Inc. 7800 SW Durham Rd., Ste. 200, Portland, OR 97224</i> | Portland |
| F | USA | <i>TÜV SÜD America Inc. 10040 Mesa Rim Road San Diego, CA 92121</i> | San Diego |
| G | USA | <i>TÜV SÜD America Inc. 5610 West Sligh Avenue, Suite 100 Tampa, FL 33634</i> | Tampa |
| H | Canada | <i>TÜV SÜD Canada Inc. 11 Gordon Collins Drive, Gormley, Ontario L0H 1G0, Canada</i> | Gormley |
| I | Canada | <i>TUV SUD Canada Inc. 1229 Ringwell Drive Newmarket, Ontario L3Y 8T8</i> | Newmarket |
| J | Germany | <i>TÜV SÜD Product Service GmbH Ridlerstraße 65 80339 München</i> | Munich |
| K | Germany | <i>TÜV SÜD Product Service GmbH Daimlerstr. 11, 85748 Garching, Germany</i> | Garching |
| L | China | <i>TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch Building 12&13, Zhiheng Wisdomland Business Park, Nantou Checkpoint Road 2, 518052, Shenzhen</i> | Shenzhen |
| M | China | <i>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</i> | Shenzhen |



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



| ICS No. | Title | Purpose |
|----------------|---|--|
| 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 |
| 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 |



| ICS No. | Title | Purpose |
|----------------|---|--|
| 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 |



| ICS No. | Title | Purpose |
|----------------|--|--|
| 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 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 |



| ICS No. | Title | Purpose |
|----------------|---|-----------------------|
| 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 |

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

Elias Rafoul
Vice President, Accreditation Services
Date: 2018-07-05