

CERTIFICATION BODY ACCREDITATION PROGRAM

Accredited Legal Entity:

TÜV SÜD AMERICA INC. (Product Service Division)

10 Centennial Drive, Peabody, MA 01960 U.S.A. Telephone: (978) 573-2500 Fax: (978) 977-0182 Email: gminks@tuvam.com

Any additional critical/key locations included in the scope of accreditation are appended to this listing.

Accreditation Standards:

CAN-P-3G (ISO/IEC Guide 65:1996) CAN-P-1500M IAF GD 5:2006

Certification Mark:



Product Certification System Type:

The product certification system operated by this organization most closely resembles that described by ISO/IEC Guide 67, *Conformity assessment* — *Fundamentals of product certification*, System 3. The program includes the evaluation of samples requested by the certification body, determination of characteristics by testing or assessment, initial assessment of the production process or the quality system, as applicable, evaluation of the test and assessment reports, license, on-going surveillance by testing or inspection of samples from the factory as well as on-going surveillance of the production process.



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Subject Areas 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 | Safety - Electrical |
| | (instrument transformers) | Safety - Occupational |
| 19.060 | Mechanical testing | Safety - Electrical |
| 19.080 | Electrical and electronic testing | Safety - Electrical |
| 21.020 | Characteristics and design of machines, apparatus, | Safety - Electrical |
| | equipment | |
| 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 |
| 25.140.10 | 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 |

Canada

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| ICS No. | Title | Purpose |
|-----------|---|-----------------------|
| 27.140 | Hydraulic energy engineering | Safety - Occupational |
| 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 |
| 29.240.30 | Control equipment for electric power systems | Safety - Electrical |
| | | Safety - Occupational |
| 29.240.99 | Other equipment related to power transmission and | Energy Efficiency |
| | distribution networks | |
| 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 |
| 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, | Safety - Occupational |
| | loaders, graders, etc. | |
| 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 | Safety - Electrical |
| | industry | - |
| 65.060.10 | Agricultural tractors and trailed vehicles | Safety - Occupational |
| 65.060.20 | Soil-working equipment | Safety - Occupational |

| ICS No. | Title | Purpose |
|-----------|---|-----------------------|
| 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 |
| 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 | Safety - Occupational |
| | playground equipment) | |



Other 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:

| Country | Address | Location |
|---------|--|--------------|
| USA | TÜV SÜD America Inc. | Atlanta |
| | 5945 Cabot Parkway, Suite 100 | |
| | Alpharetta, GA 30005 | |
| USA | TÜV SÜD America Inc. | New Brighton |
| | 1775 Old Highway 8 NW, Suite 104 | e |
| | New Brighton, MN 55112-1891 | |
| USA | TÜV SÜD America Inc. | Peabody |
| | 10 Technology Drive | 5 |
| | Peabody, MA 01960 | |
| USA | TÜV SÜD America Inc. | Portland |
| | 7800 SW Durham Rd., Ste. 200, | |
| | Portland, OR 97224 | |
| USA | TÜV SÜD America Inc. | San Diego |
| 0.511 | 10040 Mesa Rim Road | 2 un 2 10g0 |
| | San Diego, CA 92121 | |
| USA | TÜV SÜD America Inc. | Tampa |
| CON | 1209 Tech Blvd., Suite 201 | Tumpu |
| | Tampa, FL 33619 | |
| Canada | TÜV SÜD Canada Inc. | Gormley |
| Cunudu | 11 Gordon Collins Drive, | Gonney |
| | Gormley, Ontario LOH 1G0, Canada | |
| Germany | TÜV SÜD Product Service GmbH | Munich |
| Germany | Ridlerstraße 65 | Wallen |
| | 80339 München | |
| China | Jiangsu TÜV Product Service, Ltd - Shenzhen | Shenzhen |
| Cillina | 6th Floor, H Hall, Century Craftwork Culture | Shenzhen |
| | Square No.4001, Fuqiang Road, Futian District | |
| | 518048 Shenzhen P.R. China | |
| China | Jiangsu TÜV Product Service, Ltd - Guangzhou | Guangzhou |
| Cillina | 5F, Communication Building, | Guungzhou |
| | 163 Pingyun Rd, Huangpu West Ave, Guangzhou, | |
| | 510656, P. R. China | |
| Japan | TÜV SÜD Japan Ltd. | Tokyo |
| Jupun | Sumitomo Fudosan Nishi-shinjuku Bldg. No. 4 8F | Tonyo |
| | 4-33-4 Mishi-Sinjuku, Shinjuku-ku | |
| | Tokyo 160-0023 Japan | |
| Japan | TÜV SÜD Japan Ltd. | Osaka |
| oupun | Kansai Office | - Surtu |
| | Shin-Osaka Trust Tower 12F | |
| | 3.5.36, Miyahara, Yodogawa-ku, Osaka-shi | |
| | | |
| | Osaka 532-0023 Japan | |



| Country | Address | Location |
|----------------|--|----------|
| Korea | TÜV SÜD Korea Ltd. #315 and 316, MARIO Tower, 222-12, Guro-Dong, Guro-Gu, 152-050, | Seoul |
| | Seoul, Korea | |
| United Kingdom | TÜV SÜD Product Service Ltd. Segensworth Road Titchfield Fareham, Hampshire England P015 5RH UK | Fareham |



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