



## CERTIFICATION BODY ACCREDITATION PROGRAM (CBAP)

### Scope of Accreditation

**Accredited Legal Entity:** INTERTEK TESTING SERVICES NA INC.

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<b>SCC File #:</b>	10014
<b>Initial Accreditation Date:</b>	1993-06-07
<b>Reaccreditation Date:</b>	2012-10-22
<b>Accreditation Expiry Date:</b>	2015-06-30
<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	Canada	Intertek Testing Services NA Inc. 1829 32nd Avenue Lachine, QC H8T 3J1	Montreal
B	Canada	Intertek Testing Services NA Inc. 6225 Kenway Drive Mississauga, ON L5T 2L3	Toronto
C	Canada	Intertek Testing Services NA Inc. 1500 Brigantine Drive Coquitlam, BC V3K 7C1	Vancouver



Location	Country	Address	City
D	USA	Intertek Testing Services NA Inc. 1950 Evergreen Boulevard, Suite 100 Duluth, GA 30096	Atlanta
E	USA	Intertek Testing Services NA Inc. 70 Codman Hill Road Boxborough, MA 01719	Boxborough
F	USA	Intertek Testing Services NA Inc. 3933 US Rt. 11 Cortland, NY 13045-9717 U.S.A.	Cortland
G	USA	Intertek Testing Services NA Inc. 2307 East Aurora Road, Unit B7 Twinsburg, OH 44087	Cleveland
H	USA	Intertek Testing Services NA Inc. 1717 Arlingate Lane Columbus, OH 43228	Columbus
I	USA	Intertek Testing Services NA Inc. 1801 10th Street, Suite 400 Plano, TX 75074	Dallas
J	USA	Intertek Testing Services NA Inc. 1795 Dogwood Street Louisville, CO 80027	Denver
K	USA	Intertek Testing Services NA Inc. 41 Plymouth Street, Unit C Fairfield, NJ 07004	Fairfield
L	USA	Intertek Testing Services NA Inc. 25791 Commercentre Drive Lake Forest, CA 92630	Los Angeles
M	USA	Intertek Testing Services NA Inc. 1365 Adams Court Menlo Park, CA 94025	Menlo Park
N	USA	Intertek Testing Services NA Inc. 7250 Hudson Blvd., Suite 100 Oakdale, MN 55128	Minneapolis
O	USA	Intertek Testing Services NA Ltd. 8431 Murphy Drive Middleton, WI 53562	Madison
P	USA	Intertek Testing Services NA Inc. 22887 NE Townsend Way Fairview, OR 97024	Portland
Q	USA	Intertek Testing Services NA Inc. 16015 Shady Falls Road Elmendorf, TX 78112	San Antonio



Location	Country	Address	City
R	Mexico	Intertek Testing Services NA Inc Poniente 134, No. 660, Col. Industrial Vallejo, 02300, México, D.F.	Mexico City
S	Germany	Intertek Deutschland GmbH Innovapark 20 D-87600 Kaufbeuren	Kaufbeuren
T	Germany	Intertek Deutschland GmbH Berliner Str. 207 D-65205 Wiesbaden	Wiesbaden
U	Italy	Intertek Italia Srl Via Principe di Udine, 114 33030 Campofornido, Udine	Udine
V	Sweden	Intertek Semko AB Torshamnsgatan 43 PO Box 1103 SE-164 22 Kista	Stockholm
W	United Kingdom	Intertek House Cleeve Road Leatherhead, Surrey KT22 7SB	Leatherhead
X	France	Intertek France 25 rue Alexis Tocqueville, Bat. Newton 92160 Antony	Paris
Y	China	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch 1~8th floor, Block E2, 11 Cai Pin Road, Science City, Guangzhou Economic Development Zone Guangzhou	Guangzhou
Z	China	Intertek Testing Services Hangzhou Ltd. 16 No.1 Ave. Xiasha Economic Development District Hangzhou 310018	Hangzhou
AA	China	Intertek Testing Services Hong Kong Ltd. 2nd Floor, Garment Centre 576 Castle Peak Road Kowloon	Hong Kong
AB	China	Intertek Testing Services Limited Shanghai, ETL Semko Building No. 86 1198 Qinzhou Road (North) Caohejing Development Zone Shanghai 200233	Shanghai



Location	Country	Address	City
AC	China	Intertek Testing Services Ltd., Shanghai JinQiao Branch Building T52-8 No. 1201 Gui Qiao Road Jinqiao Development Area Pudong District, Shanghai, 201206	Shanghai-Automotive
AD	China	Intertek Testing Services Shenzhen Ltd. Kejiyuan Branch 6F, D Block, Huahan Building Langshang Road, Nanshan District Shenzhen	Shenzhen
AE	India	Intertek Testing Services India Pvt Ltd. E-20, Block-B1, Mohan Cooperative Industrial Area, Mathura Road, New Delhi 110044, India	New Delhi
AF	Japan	Intertek Japan K. K. 2-3-18, Namamugi, Tsurumi-ku, Yokohama, Kanagawa, 230-0052	Yokohama
AG	Korea	Intertek ETL SEMKO Korea Ltd. Room#1103 & Room 1102, 11Floor, Ace-techno Tower III, 197-48, Guro-dong, Guro-gu, Seoul, Korea	Seoul
AH	Taiwan	Intertek Testing Services Taiwan Ltd. Fl, No. 423 Ruiguang Rd, Neihu District, Taipei City 114	Taipei
AI	Thailand	Intertek Testing Services Thailand Co., Ltd. 546 Univest Complex No. 546, 4 – 5th Fl., Ratchadapisek Rd., Lardyao, Chatuchak, Bangkok 10900	Bangkok



### Certification Mark:



### Product Certification Scheme:

ISO/IEC 17067, Conformity assessment - Fundamentals of product certification and guidelines for product certification schemes, scheme type 1b most closely resembles the product certification scheme operated by this organization. This scheme type involves the certification of a whole batch of products, following selection and determination as specified in the scheme. The proportion to be tested, which can include testing of all the units in the batch (100% testing), would be based, for example, on the homogeneity of the items in the batch and the application of a sampling plan, where appropriate. If the outcome of the determination, review and decision is positive, all items in the batch may be described as certified and may have a mark of conformity affixed, if that is included in the 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.

ISO/IEC 17067, Conformity assessment - Fundamentals of product certification and guidelines for product certification schemes, scheme type 5 most closely resembles the product certification scheme operated by this organization. The surveillance part of this scheme allows for the choice between periodically taking samples of the product either from the point of



production, or from the market, or from both, 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, or audit of the management system, or both. The extent to which the four surveillance activities are conducted may be varied for a given situation, as defined in the scheme. If the surveillance includes audit of the management system, an initial audit of the management system will be needed.

**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:

<b>ICS No.</b>	<b>Title</b>	<b>Purpose</b>
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
11.040.70	Ophthalmic equipment	Electrical Safety
11.060.20	Dental equipment	Electrical Safety,
11.080.10	Sterilizing equipment	Electrical Safety
11.140	Hospital equipment	Electrical Safety
11.180	Aids for disabled or handicapped persons	Electrical Safety
13.030.40	Installations and equipment for waste disposal and treatment (including amalgam separators to ISO 11143 and IEC/CSA/UL 60601-1)	Electrical Safety and Performance
13.030.50	Recycling *Including relevant equipment (Refrigerant Recovery/Recycling Equipment)	Performance
13.100	Occupational safety. Industrial hygiene	Performance
13.110	Safety of machinery	Safety
13.140	Noise with respect to human beings	Safety
13.220.10	Fire-fighting (Portable fire extinguisher recharging services)	Performance



ICS No.	Title	Purpose
13.220.20	Fire Protection	Performance
13.220.40	Ignitability and burning behaviour of materials and products	Fire Safety
13.220.50	Fire-resistance of building materials and elements	Fire Safety
13.230	Explosion protection	Electrical Safety and Performance
13.260	Protection against electric shock	Electrical Safety
13.310	Protection against crime	Electrical Safety and Performance
13.320	Alarm and warning systems	Electrical Safety and Performance
13.340.10	Protective clothing	Performance
13.340.20	Head protective equipment	Performance
13.340.30	Respiratory protective devices	Performance
13.340.40	Protective gloves (excluding medical gloves)	Performance
13.340.50	Protective footwear	Performance
13.340.99	Other protective equipment (Safety belts, Lanyards, Fall-arresting devices, Personnel lowering devices, and Life lines, Lineman's body belt and Lineman's safety strap, Full body harnesses)	Performance
17.060	Measurement of volume, mass, viscosity *Including measuring instruments & installations	Performance
17.200.20	Temperature-measuring instruments	Electrical Safety
17.220.20	Measurement of electrical and magnetic quantities	Electrical Safety
19.040	Environmental testing	Electrical Safety
19.060	Mechanical testing	Electrical Safety
19.080	Electrical and electronic testing	Electrical Safety
21.180	Housing, enclosures, other machine parts (Enclosures for Class II Groups E, F, and Hazardous locations)	Electrical Safety, Performance
23.040.40	Metal fittings	Performance
23.040.45	Plastics fittings	Performance
23.040.50	Pipes and fittings of other materials	Performance
23.040.60	Flanges, couplings and joints	Performance



ICS No.	Title	Purpose
23.040.70	Hoses and hose assemblies	Performance
23.040.80	Seals for pipes and hose assemblies	Performance
23.060.10	Globe valves	Performance
23.060.20	Ball and plug valves	Performance
23.060.30	Gate valves	Performance
23.060.50	Check valves	Performance
23.080	Pumps	Electrical Safety
23.120	Ventilators. Fans. Air-conditioners	Electrical Safety
23.140	Compressors and pneumatic machines	Electrical Safety
25.040.30	Industrial robots. Manipulators	Electrical Safety
25.040.40	Industrial process measurement and control	Electrical Safety
25.080.10	Lathes	Electrical Safety
25.080.20	Boring and milling machines	Electrical Safety
25.080.25	Planing machines	Electrical Safety
25.080.30	Broaching machines	Electrical Safety
25.080.40	Drilling machines	Electrical Safety
25.080.50	Grinding and polishing machines	Electrical Safety
25.080.60	Sawing machines	Electrical Safety
25.120.10	Forging equipment. Presses. Shears	Electrical Safety
25.120.20	Rolling, extruding and drawing equipment	Electrical Safety
25.140.20	Electric tools	Electrical Safety
25.160.30	Welding equipment	Electrical Safety
25.160.50	Brazing and soldering	Electrical Safety
25.180.10	Electric furnaces	Electrical Safety
25.180.20	Fuel furnaces	Performance, Safety
27.060.10	Liquid and solid fuel burners	Performance, Safety
27.060.20	Gas fuel burners	Performance, Safety





ICS No.	Title	Purpose
27.060.30	Boilers and heat exchangers	Performance, Safety
27.080	Heat pumps	Electrical Safety
27.160	Solar energy engineering	Electrical Safety (Photovoltaic Panels)
27.180	Wind turbine systems and other alternative sources of energy	Electrical Safety of Wind Turbines Performance of Wind Turbines
29.020	Electrical engineering in general	Performance
29.035.10	Paper and board insulating materials	Electrical Safety and Fire Safety
29.035.20	Plastics and rubber insulating materials	Electrical Safety and Fire Safety
29.035.30	Ceramic and glass insulating materials	Electrical Safety and Fire Safety
29.035.50	Mica based materials	Electrical Safety and Fire Safety
29.040.10	Insulating oils	Electrical Safety and Fire Safety
29.040.20	Insulating gases	Electrical Safety and Fire Safety
29.050	Conducting materials	Electrical Safety
29.060.10	Wires	Electrical Safety
29.060.20	Cables	Electrical Safety
29.080.30	Insulation systems	Electrical Safety
29.100.10	Magnetic components	Electrical Safety, Performance
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



ICS No.	Title	Purpose
29.130.20	Low voltage switchgear and controlgear	Electrical Safety
29.140.10	Lamps 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
29.160.10	Components for rotating machines	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. Converters. Stabilized power supply	Electrical Safety
29.260.10	Electrical installations for outdoor use	Electrical Safety
29.260.20	Electrical apparatus for explosive atmospheres	Electrical Safety and Performance
31.020	Electronic components in general	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
31.060.60	Variable capacitors	Electrical Safety
31.060.70	Power capacitors	Electrical Safety
31.100	Electronic tubes	Electrical Safety
31.120	Electronic display devices	Electrical Safety



ICS No.	Title	Purpose
31.160	Electric filters	Electrical Safety
31.180	Printed circuits and boards	Electrical Safety
31.220.10	Plug-and-socket devices. Connectors	Electrical Safety
31.220.20	Switches	Electrical Safety
31.240	Mechanical structures for electronic equipment	Electrical Safety
31.260	Optoelectronics. Laser equipment	Electrical Safety
33.040.40	Data communication networks	Electrical Safety
33.040.50	Lines, connections and circuits	Electrical Safety
33.050.10	Telephone equipment	Electrical Safety
33.050.20	Paging equipment	Electrical Safety
33.050.30	Equipment for telex, teletext, telefax	Electrical Safety
33.060.20	Receiving and transmitting equipment	Electrical Safety
33.100.10	Emission	Performance
33.100.20	Immunity	Performance
33.120.10	Coaxial cables. Waveguides	Electrical Safety
33.120.20	Wires and symmetrical cables	Electrical Safety
33.120.30	R.F. Connectors	Electrical Safety
33.120.40	Aerials	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
33.180.20	Fibre optic interconnecting devices	Electrical Safety
33.180.30	Optic amplifiers	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 equipment and other peripheral equipment	Electrical Safety
35.200	Interface and interconnection equipment	Electrical Safety
35.220.20	Magnetic storage devices in general	Electrical Safety
35.240.40	IT applications in banking	Electrical Safety
35.260	Office machines	Electrical Safety
37.020	Optical equipment	Electrical Safety
37.040.10	Photographic equipment. Projectors	Electrical Safety
37.060.10	Motion picture equipment	Electrical Safety
37.100.10	Reproduction equipment	Electrical Safety
39.040.20	Clocks	Electrical Safety
43.040.10	Electrical and electronic equipment	Electrical Safety
43.040.20	Lighting, signalling and warning devices	Electrical Safety
43.040.30	Indicating and control devices	Electrical Safety
43.040.40	Braking systems	Electrical Safety
43.040.70	Couplings	Safety and performance
43.060.50	Electrical and electronic equipment. Control systems.	Electrical Safety
43.080.20	Buses (RV Series)	Safety and performance
43.100	Passenger cars. Caravans and light trailers	Safety and performance
43.180	Diagnostic, maintenance and test equipment	Electrical Safety
47.020.40	Lifting and cargo handling equipment	Electrical Safety
47.020.60	Electrical equipment of ships and of marine structures	Electrical Safety
47.020.70	Navigation and control equipment	Electrical Safety
47.020.90	Marine ventilation, air-conditioning and heating systems	Electrical Safety
49.090	On-board equipment and instruments	Electrical Safety
53.020.20	Cranes	Electrical Safety



ICS No.	Title	Purpose
53.040.10	Conveyors	Electrical Safety
55.200	Packaging machinery	Electrical Safety
55.230	Distribution and vending machines	Electrical Safety
59.120.10	Spinning, twisting and texturing machines	Electrical Safety
59.120.20	Winding machines and equipment	Electrical Safety
59.120.30	Looms. Weaving machines	Electrical Safety
59.120.40	Knitting machines	Electrical Safety
59.120.50	Dyeing and finishing equipment	Electrical Safety
61.080	Sewing machines and other equipment for the clothing industry	Electrical Safety
65.060.70	Horticultural equipment	Electrical Safety
67.260	Plants and equipment for the food industry	Safety, Performance
71.040.10	Chemical laboratories. Laboratory equipment	Electrical Safety
71.100.45	Refrigerants and antifreezes	Performance
73.100.20	Ventilation, air-conditioning and illumination equipment	Performance
75.200	Petroleum products and natural gas handling equipment	Performance and Safety
79.020	Wood technology processes	Performance
79.040	Wood, sawlogs and sawn timber	Performance
79.060.10	Plywood	Performance
79.060.20	Fibre and particle boards	Performance
79.080	Semi-manufactures of timber	Performance
79.120.10	Woodworking machines	Electrical Safety
79.120.20	Woodworking tools	Electrical Safety
81.040.20	Glass in building	Performance
83.060	Rubber	Performance
83.080.10	Thermosetting materials	Fire Safety
83.080.20	Thermoplastic materials	Fire Safety
83.100	Cellular materials	Fire Safety



ICS No.	Title	Purpose
83.120	Reinforced plastics	Fire Safety
83.140.30	Plastic pipes, fittings and valves	Fire Safety
83.140.40	Hoses	Performance
83.140.50	Seals	Performance
83.180	Adhesives	Performance
87.100	Paint coating equipment	Electrical Safety
91.040.99	Other buildings (Factory manufactured modular and panelized buildings and trailers intended for residential, commercial, or semi-commercial use.)	Building Safety (structural and occupancy) Electrical Safety Gas Safety Energy Performance Fire Safety Plumbing Safety
91.060.10	Walls. Partitions. Façades (Method of static load test for shear resistance of framed walls for buildings)	Performance
91.060.20	Roofs	Performance
91.060.30	Ceilings. Floors. Stairs	Performance and fire safety
91.060.40	Chimneys, shafts, ducts	Fire safety
91.060.50	Doors and windows	Performance
91.060.99	Other elements of buildings (cedar shakes and shingles)	Fire safety
91.080.10	Metal structures	Performance
91.080.20	Timber structures	Performance
91.090	External structures	Performance
91.100.10	Cement. Gypsum. Lime. Mortar.	Performance
91.100.25	Ceramic and terracotta building products	Performance
91.100.30	Concrete and concrete products	Performance
91.100.40	Products in fibre-reinforced cement	Performance
91.100.50	Binders. Sealing materials	Performance
91.100.60	Thermal and sound insulating materials	Performance
91.120.10	Thermal insulation	Fire Safety, Performance
91.120.20	Acoustics in building. Sound insulation	Performance



ICS No.	Title	Purpose
91.120.30	Waterproofing	Performance
91.140.10	Central heating systems	Performance
91.140.30	Ventilation and air-conditioning	Fire Safety
91.140.40	Gas supply systems	Fire Safety
91.140.50	Electricity supply systems	Electrical Safety
91.140.60	Water supply systems	Performance
91.140.65	Water heating equipment	Electrical Safety
91.140.70	Sanitary installations (plumbing fixtures, fittings and pipes)	Performance, safety
91.140.80	Drainage systems	Performance
91.140.90	Lifts. Escalators	Electrical Safety
91.160.10	Interior lighting	Electrical Safety
91.160.20	Exterior building lighting	Electrical Safety
91.190	Building accessories	Performance and Electrical Safety
91.220	Construction equipment	Electrical Safety
93.030	External sewage systems	Performance
93.080.40	Street lighting and related equipment	Electrical Safety
97.030	Domestic electrical appliances in general	Electrical Safety
97.040.20	Cooking ranges, working tables, ovens and similar appliances	Safety, Performance
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
97.100.20	Gas heaters	Performance and Safety
97.100.30	Solid fuel heaters	Performance and Safety
97.100.40	Liquid fuel heaters	Performance, and Safety



ICS No.	Title	Purpose
97.120	Automatic controls for household use	Electrical Safety
97.130.20	Commercial refrigerating appliances	Electrical Safety
97.140	Furniture	Fire Safety
97.145	Ladders	Performance
97.170	Body care equipment	Electrical Safety
97.180	Miscellaneous domestic and commercial equipment	Electrical Safety
97.195	Items of art and handicrafts <i>*Including equipment and materials for creating items of art and handicrafts</i>	Electrical Safety
97.200.10	Theatre, stage and studio equipment	Electrical Safety
97.200.20	Musical instruments	Electrical Safety
97.200.30	Camping equipment and campsites	Safety and performance
97.200.40	Playgrounds	Electrical Safety
97.200.50	Toys	Electrical Safety
97.220.10	Sports facilities	Electrical safety
97.220.20	Winter Sports Equipment	Performance
97.220.30	Indoor sports equipment	Performance
97.220.40	Outdoor and water sports equipment	Performance

**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:

<b>ICS No.</b>	<b>Title</b>	<b>Purpose</b>
19.080	Electrical and electronic testing	Energy Efficiency
23.120	Ventilators. Fans. Air-conditioners	Energy Efficiency
27.060.20	Gas fuel burners	Energy Efficiency
27.060.30	Boilers and heat exchangers	Energy Efficiency
27.080	Heat pumps	Energy Efficiency
27.160	Solar energy engineering	Energy Efficiency (Photovoltaic Panels)
27.200	Refrigeration technology	Energy Efficiency
29.140.20	Incandescent lamps	Energy Efficiency
29.140.30	Fluorescent lamps. Discharge lamps	Energy Efficiency
29.140.40	Luminaires	Energy Efficiency
29.160.30	Motors	Energy Efficiency
29.180	Transformers, Reactors	Energy Efficiency
29.200	Rectifiers, Converters, Stabilized Power Supplies	Energy Efficiency
91.140.10	Central heating systems	Energy Efficiency
91.140.30	Ventilation and air-conditioning	Energy Efficiency



ICS No.	Title	Purpose
91.140.65	Water heating equipment	Energy Efficiency
91.160.10	Interior lighting	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	Electrical Safety
97.060	Laundry appliances	Energy Efficiency
97.100.20	Gas heaters	Energy Efficiency
97.100.30	Solid fuel heaters	Energy Efficiency
97.100.40	Liquid fuel heaters	Energy Efficiency
97.130.20	Commercial refrigerating appliances	Energy Efficiency

### Certification Mark:



### Product Certification Scheme:

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**Scope of Accreditation:**

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<b>ICS No.</b>	<b>Title</b>	<b>Purpose</b>
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
11.040.70	Ophthalmic equipment	Electrical Safety
11.060.20	Dental equipment	Electrical Safety,
11.080.10	Sterilizing equipment	Electrical Safety
11.140	Hospital equipment	Electrical Safety
11.180	Aids for disabled or handicapped persons	Electrical Safety
13.110	Safety of machinery	Safety
13.230	Explosion protection	Electrical Safety and Performance
13.260	Protection against electric shock	Electrical Safety
13.310	Protection against crime	Electrical Safety and Performance
13.320	Alarm and warning systems	Electrical Safety and Performance
17.060	Measurement of volume, mass, viscosity <i>*Including measuring instruments &amp; installations</i>	Performance
17.200.20	Temperature-measuring instruments	Electrical Safety
17.220.20	Measurement of electrical and magnetic quantities	Electrical Safety



ICS No.	Title	Purpose
19.040	Environmental testing	Electrical Safety
19.060	Mechanical testing	Electrical Safety
19.080	Electrical and electronic testing	Electrical Safety
21.180	Housing, enclosures, other machine parts (Enclosures for Class II Groups E, F, and Hazardous locations)	Electrical Safety, Performance
23.080	Pumps	Electrical Safety
23.120	Ventilators. Fans. Air-conditioners	Electrical Safety
23.140	Compressors and pneumatic machines	Electrical Safety
25.040.30	Industrial robots. Manipulators	Electrical Safety
25.040.40	Industrial process measurement and control	Electrical Safety
25.080.10	Lathes	Electrical Safety
25.080.20	Boring and milling machines	Electrical Safety
25.080.25	Planing machines	Electrical Safety
25.080.30	Broaching machines	Electrical Safety
25.080.40	Drilling machines	Electrical Safety
25.080.50	Grinding and polishing machines	Electrical Safety
25.080.60	Sawing machines	Electrical Safety
25.120.10	Forging equipment. Presses. Shears	Electrical Safety
25.120.20	Rolling, extruding and drawing equipment	Electrical Safety
25.140.20	Electric tools	Electrical Safety
25.160.30	Welding equipment	Electrical Safety
25.160.50	Brazing and soldering	Electrical Safety
25.180.10	Electric furnaces	Electrical Safety
29.020	Electrical engineering in general	Performance
29.050	Conducting materials	Electrical Safety
29.080.30	Insulation systems	Electrical Safety
29.100.10	Magnetic components	Electrical Safety, Performance
29.100.20	Electrical and electromechanical components	Electrical Safety



ICS No.	Title	Purpose
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	Lamps 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
29.160.10	Components for rotating machines	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. Converters. Stabilized power supply	Electrical Safety
29.260.10	Electrical installations for outdoor use	Electrical Safety
29.260.20	Electrical apparatus for explosive atmospheres	Electrical Safety and Performance
31.020	Electronic components in general	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



ICS No.	Title	Purpose
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
31.060.60	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
31.220.10	Plug-and-socket devices. Connectors	Electrical Safety
31.220.20	Switches	Electrical Safety
31.240	Mechanical structures for electronic equipment	Electrical Safety
31.260	Optoelectronics. Laser equipment	Electrical Safety
33.040.40	Data communication networks	Electrical Safety
33.040.50	Lines, connections and circuits	Electrical Safety
33.050.10	Telephone equipment	Electrical Safety
33.050.20	Paging equipment	Electrical Safety
33.050.30	Equipment for telex, teletext, telefax	Electrical Safety
33.060.20	Receiving and transmitting equipment	Electrical Safety
33.120.10	Coaxial cables. Waveguides	Electrical Safety
33.120.20	Wires and symmetrical cables	Electrical Safety
33.120.30	R.F. Connectors	Electrical Safety
33.120.40	Aerials	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



ICS No.	Title	Purpose
33.160.40	Video systems	Electrical Safety
33.160.50	Accessories	Electrical Safety
33.160.60	Multimedia systems and teleconferencing equipment	Electrical Safety
33.180.20	Fibre optic interconnecting devices	Electrical Safety
33.180.30	Optic amplifiers	Electrical Safety
35.020	Information technology (IT) in general	Electrical Safety
35.160	Microprocessor systems	Electrical Safety
35.180	IT terminal equipment and other peripheral equipment	Electrical Safety
35.200	Interface and interconnection equipment	Electrical Safety
35.220.20	Magnetic storage devices in general	Electrical Safety
35.240.40	IT applications in banking	Electrical Safety
35.260	Office machines	Electrical Safety
37.020	Optical equipment	Electrical Safety
37.040.10	Photographic equipment. Projectors	Electrical Safety
37.060.10	Motion picture equipment	Electrical Safety
37.100.10	Reproduction equipment	Electrical Safety
39.040.20	Clocks	Electrical Safety
43.040.10	Electrical and electronic equipment	Electrical Safety
43.040.20	Lighting, signalling and warning devices	Electrical Safety
43.040.30	Indicating and control devices	Electrical Safety
43.040.40	Braking systems	Electrical Safety
43.060.50	Electrical and electronic equipment. Control systems.	Electrical Safety
43.180	Diagnostic, maintenance and test equipment	Electrical Safety
47.020.40	Lifting and cargo handling equipment	Electrical Safety
47.020.60	Electrical equipment of ships and of marine structures	Electrical Safety
47.020.70	Navigation and control equipment	Electrical Safety
49.090	On-board equipment and instruments	Electrical Safety



ICS No.	Title	Purpose
53.020.20	Cranes	Electrical Safety
53.040.10	Conveyors	Electrical Safety
55.200	Packaging machinery	Electrical Safety
55.230	Distribution and vending machines	Electrical Safety
59.120.10	Spinning, twisting and texturing machines	Electrical Safety
59.120.20	Winding machines and equipment	Electrical Safety
59.120.30	Looms. Weaving machines	Electrical Safety
59.120.40	Knitting machines	Electrical Safety
59.120.50	Dyeing and finishing equipment	Electrical Safety
61.080	Sewing machines and other equipment for the clothing industry	Electrical Safety
65.060.70	Horticultural equipment	Electrical Safety
71.040.10	Chemical laboratories. Laboratory equipment	Electrical Safety
79.120.10	Woodworking machines	Electrical Safety
79.120.20	Woodworking tools	Electrical Safety
87.100	Paint coating equipment	Electrical Safety
91.140.90	Lifts. Escalators	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 electrical 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





ICS No.	Title	Purpose
97.100.10	Electric heaters	Electrical Safety
97.120	Automatic controls for household use	Electrical Safety
97.130.20	Commercial refrigerating appliances	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 <i>*Including equipment and materials for creating items of art and handicrafts</i>	Electrical Safety
97.200.10	Theatre, stage and studio equipment	Electrical Safety
97.200.20	Musical instruments	Electrical Safety
97.200.40	Playgrounds	Electrical Safety
97.200.50	Toys	Electrical Safety

### Certification Mark:



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### Product Certification Scheme:

ISO/IEC 17067, Conformity assessment - Fundamentals of product certification and guidelines for product certification schemes, scheme type 1b most closely resembles the product certification scheme operated by this organization. This scheme type involves the certification of a whole batch of products, following selection and determination as specified in the scheme. The proportion to be tested, which can include testing of all the units in the batch (100% testing), would be based, for example, on the homogeneity of the items in the batch and the application of a sampling plan, where appropriate. If the outcome of the determination, review and decision is positive, all items in the batch may be described as certified and may have a mark of conformity affixed, if that is included in the 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
13.220.10	Fire-fighting (Portable fire extinguisher recharging services)	Performance
13.220.20	Fire protection	Performance
13.220.40	Ignitability and burning behaviour of materials and products	Fire Safety
13.220.50	Fire-resistance of building materials and elements	Fire Safety
23.040.20	Plastic pipes	Performance
23.040.40	Metal fittings	Performance
23.040.45	Plastics fittings	Performance
23.040.50	Pipes and fittings of other materials	Performance
23.040.60	Flanges, couplings and joints	Performance
23.040.70	Hoses and hose assemblies	Performance
23.040.80	Seals for pipes and hose assemblies	Performance
29.035.10	Paper and board insulating materials	Electrical Safety and Fire Safety
29.035.20	Plastics and rubber insulating materials	Electrical Safety and Fire Safety
29.035.30	Ceramic and glass insulating materials	Electrical Safety and Fire Safety
29.035.50	Mica based materials	Electrical Safety and Fire Safety
29.040.10	Insulating oils	Electrical Safety and Fire Safety
29.040.20	Insulating gases	Electrical Safety and Fire Safety



ICS No.	Title	Purpose
75.200	Petroleum products and natural gas handling equipment	Performance and Safety
79.020	Wood technology processes	Performance
79.040	Wood, sawlogs and sawn timber	Performance
79.060.10	Plywood	Performance
79.060.20	Fibre and particle boards	Performance
79.080	Semi-manufactures of timber	Performance
81.040.20	Glass in building	Performance and Fire Safety
83.080.10	Thermosetting materials	Fire Safety
83.080.20	Thermoplastic materials	Fire Safety
83.100	Cellular materials	Fire Safety
83.120	Reinforced plastics	Fire Safety
83.140.30	Plastic pipes, fittings and valves	Fire Safety
91.060.10	Walls. Partitions. Façades (Method of static load test for shear resistance of framed walls for buildings)	Performance
91.060.20	Roofs	Performance
91.060.30	Ceilings. Floors. Stairs	Performance and Fire Safety
91.060.40	Chimneys, shafts, ducts	Fire Safety
91.060.50	Doors and windows	Performance
91.080.10	Metal structures	Performance
91.080.20	Timber structures	Performance
91.090	External structures	Performance
91.100.10	Cement. Gypsum. Lime. Mortar.	Performance
91.100.25	Ceramic and terracotta building products	Performance
91.100.30	Concrete and concrete products	Performance
91.100.40	Products in fibre-reinforced cement	Performance
91.100.50	Binders. Sealing materials	Performance
91.100.60	Thermal and sound insulating materials	Performance
91.120.10	Thermal insulation	Fire Safety, Performance



<b>ICS No.</b>	<b>Title</b>	<b>Purpose</b>
91.120.20	Acoustics in building. Sound insulation	Performance
91.120.30	Waterproofing	Performance
91.140.40	Gas supply systems	Fire Safety
91.140.60	Water supply systems	Performance
91.190	Building accessories	Performance and Electrical Safety
97.100.20	Gas heaters	Performance, and Safety
97.100.40	Liquid fuel heaters	Performance, and Safety