

## PRODUCT, PROCESS AND SERVICE CERTIFICATION BODY ACCREDITATION PROGRAM (CBAP)

### Scope of Accreditation

*La présente portée d'accréditation existe également en français et est publiée séparément.*

**Accredited Legal Entity:**     **CSA Group Testing & Certification Inc.**

Contact Name:                             Abdool Azaad

#### **LOCATION A**

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To ensure compliance with the Official Languages Act, the Standards Council of Canada (SCC) translated proprietary content from French to English when it was not available in English. In case of discrepancies between the English and French versions, the original version prevails.

<b>SCC File Number:</b>	10004
<b>Accreditation Standard:</b>	ISO/IEC 17065:2012 – Conformity assessment — Requirements for bodies certifying products, processes and services
<b>Additional Accreditation Requirement:</b>	SCC Requirements and Guidance – Product, Process, and Service Certification Body Accreditation Program, v5, 2021-09-21  IAF MD 4:2025 – IAF Mandatory Document for the Use of Information and Communication Technology (ICT) for Auditing/Assessment Purposes  Related Bulletins
<b>Initial Accreditation:</b>	1983-06-28
<b>Most Recent Accreditation:</b>	2025-05-16
<b>Accreditation Valid to:</b>	2027-06-28

### 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	Canada	CSA Group: Edmonton 1707-94 Street North West Edmonton, AB T6N 1E6	Edmonton
C	Canada	CSA Group: Montreal 865 Ellingham Avenue Pointe Claire, PQ H9R 5E8	Pointe Claire
D	Canada	CSA Group: Vancouver 138-13888 Wireless Way Richmond, BC V6V 0A3	Richmond
E	USA	CSA Group: Atlanta 6215 Shiloh Crossing, Building 100, Suite A Alpharetta, GA 30005	Alpharetta
F	USA	CSA Group: Cleveland 8501/8801 East Pleasant Valley Road Cleveland, OH 44131-5575	Cleveland
G	USA	CSA Group: Irvine 34 Bunsen Irvine, CA 92618	Irvine
H	United Kingdom	CSA Group: CSA Group Testing UK Ltd. Unit 6, Hawarden Industrial Park, Hawarden CH5 3US, UK	Hawarden
I	Germany	CSA Group: CSA Group Europe GmbH Weismüllerstr. 45 60314 Frankfurt Germany	Frankfurt
J	Netherlands	CSA Group: CSA Group Netherlands B.V. Utrechtseweg 310, Building B42 6812 AR Arnhem. The Netherlands	Arnhem
K	Italy	CSA Group: CSA Group Italy Srl Centro Direzionale Colleoni, Via Paracelso 26 20864 Agrate Brianza MB, Italy	Agrate Brianza
L	China	CSA Group: Guangzhou (CCIC/CSA International Certification Co. Ltd., Guangzhou Branch) No. 10 Ke Yan Road, Guangzhou Science Park, Huang Pu District 510663, Guangzhou, China 510663	Guangzhou
M	China	CSA Group: Shanghai (CCIC/CSA International Certification Co. Ltd., Shanghai Branch)	Shanghai

Location	Country	Address	City
		Floor 1, Building 4, Qilai Industrial City, 889 Yishan Road Shanghai, China 200233	
N	China	CSA Group: Kunshan (CCIC/CSA International Certification Co. Ltd., Kunshan Branch) 2F-1, Building C12, No. 555 Dujuan Road, Kunshan Economic & Technical Development Zone, Kunshan, Jiangsu, China	Kunshan
O	India	CSA India Private Limited Beary's Global Research Triangle, A-3, Einstein Building, Bidarahalli Hobli, Whitefield Ashram Road (SH 35), Bangalore - 560 067	Bangalore
P	Korea	CSA Group Korea Ltd. 494, Wiryeshwan-ro, Songpa-gu, Seoul, South Korea	Seoul
Q	Taiwan	CSA Group: Taiwan CSA Group Testing & Certification Inc., 5F, No. 12, Wenhui Street Neihu District, Taipei City 114, Taiwan	Taipei
R	Japan	CSA Group Japan Limited Yokohama Connect Square 12 FL. 3-3-3 Minatomirai, Nishi-Ku, Yokohama-Shi, Kanagawa 220-0012 Japan	Kanagawa
S	Germany	CSA Group Bayern GmbH Straubinger Straße 100, 94447 Plattling, Germany	Plattling
T	Singapore	CSA Group: Singapore (CSA Group Testing & Certification Singapore Pte. Ltd) 41 Science Park Road #02-04, The Gemini, Singapore Science Park II, Singapore 117610	Singapore

#### 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 this 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
23.040.70	Hoses and hose assemblies	Performance
25.180.20	Fuel furnaces	Safety & Performance
27.060.20	Gas fuel burners	Safety & Performance
27.060.30	Boilers and heat exchangers	Safety & Performance
27.070	Fuel Cells	Safety & Performance
27.080	Heat pumps	Performance & Safety
75.200	Petroleum, petroleum products and natural gas handling equipment	Performance and Safety
97.040.20	Cooking ranges, working tables, ovens and similar appliances	Performance & Safety
97.100.20	Gas heaters	Performance & Safety
97.200.30	Camping equipment and camp-sites	Performance and Safety

## Certification Mark:



## Product Certification Scheme:

ISO/IEC 17067, Conformity assessment - Fundamentals of product certification and guidelines for product certification schemes, *scheme types 1b and 3* most closely resemble these product certification schemes operated by this organization.

For scheme type 1b, this 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.

For scheme type 3, 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
07.100.01	Microbiology	Performance and Safety
07.100.10	Medical Microbiology	Performance and Safety
11.020.10	Health care services in general	Safety
11.040	Medical equipment	Safety
11.040.01	Medical equipment in general	Safety
11.040.10	Anesthetic, respiratory and reanimation equipment	Electrical Safety
11.040.20	Transfusion, infusion and injection equipment	Electrical Safety

ICS No.	Title	Purpose
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
11.040.99	Other medical equipment	Electrical Safety
11.060.01	Dentistry in general	Electrical Safety
11.060.20	Dental equipment	Electrical Safety
11.080.01	Sterilization and disinfection in general	Performance and Safety
11.080.99	Other standards related to sterilization and disinfection	Electrical Safety
11.100.20	Biological evaluation of medical devices	Performance and Safety
11.120	Pharmaceutics (child restrictive packaging)	Safety
11.140	Hospital equipment	Electrical Safety
11.180.10	Aids and adaption for moving	Safety
11.180.15	Aids for deaf and hearing impaired people	Performance and Safety
13.030.40	Installations and equipment for waste disposal and treatment	Performance
13.060.20	Drinking water (drinking water treatment units)	Performance, Safety and Health
13.060.30	Sewage water (residential wastewater treatment, recycle and water conservation systems and components)	Performance and Health
13.100	Occupational safety. Industrial hygiene	Performance
13.110	Safety of machinery	Safety
13.200	Accident and disaster control	Fire Safety
13.220.40	Ignitability and burning behavior of products	Performance and Safety
13.220.99	Other standards related to protection against fire	Fire Safety
13.240	Protection against excessive pressure	Safety
13.260	Protection against electric shock. Live working	Electrical Safety and Performance
13.280	Radiation protection	Performance and Safety

ICS No.	Title	Purpose
13.310	Protection against crime	Electrical Safety and Performance
13.320	Alarm and warning systems	Electrical Safety and Performance
13.340.01	Protective equipment in general	Performance and Safety
13.340.10	Protective clothing	Performance and Safety
13.340.20	Head protective equipment (including helmets, eye protectors, hearing protectors, etc.)	Performance and Safety
13.340.30	Respiratory protective devices	Performance and Safety
13.340.40	Hand and arm protection	Performance and Safety
13.340.50	Protective footwear	Performance and Safety
13.340.60	Protection against falling and slipping	Performance and Safety
13.340.99	Other protective equipment (ladders, lifeline systems, fall protection equipment and components)	Performance and Safety
17.120.10	Flow in closed conduits	Performance and Safety
17.120.20	Flow in open channels	Performance and Safety
17.140.50	Electroacoustics	Safety
17.200.20	Temperature-measuring instruments	Electrical Safety
17.200.99	Other standards related to thermodynamics	Electrical Safety
17.220.20	Measurement of electrical and magnetic quantities	Electrical Safety
17.220.99	Other standards related to electricity and magnetism	Electrical Safety
19.080	Electrical and electronic testing	Electrical Safety
21.180	Housings, enclosures, other machine parts	Electrical Safety, Performance
23.020.10	Stationary containers and tanks	Performance
23.020.20	Vessels and containers mounted on vehicles	Performance
23.040.10	Iron and steel pipes	Performance
23.040.15	Non-ferrous metal pipes	Performance
23.040.20	Plastics pipes	Performance and Health
23.040.40	Metal fittings	Performance and Health
23.040.45	Plastics fittings	Performance and Health

ICS No.	Title	Purpose
23.040.50	Pipes and fittings of other materials	Performance and Health
23.040.60	Flange, couplings and joints	Performance
23.040.80	Seals for pipe and hose assemblies	Performance
23.060.01	Valves in general	Performance, Safety and Health
23.060.10	Globe valves	Performance, Safety and Health
23.060.20	Ball and plug valves	Performance, Safety and Health
23.060.30	Gate valves	Performance, Safety and Health
23.060.40	Pressure Regulators	Performance and Safety
23.060.50	Check valves	Performance, Safety and Health
23.060.99	Other valves	Performance and Safety
23.080	Pumps	Electrical Safety and Performance
23.100.50	Control components	Electrical Safety, Performance and Health
23.100.60	Filters, seals and contamination of fluids	Performance
23.120	Ventilators. Fans. Air-conditioners	Electrical Safety and Performance
23.140	Compressors and pneumatic machines	Electrical Safety and Performance
25.040.30	Industrial robots Manipulators	Electrical Safety and Performance
25.040.40	Industrial process measurement and control	Electrical Safety
25.040.99	Other industrial automation systems	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



ICS No.	Title	Purpose
25.080.50	Grinding and polishing machines	Electrical Safety
25.080.60	Sawing machines	Electrical Safety
25.140.20	Electric tools	Electrical Safety
25.160.30	Welding equipment	Electrical Safety
25.180.10	Electric furnaces	Performance and Safety
27.060.01	Burners and boilers in general	Performance and Safety
27.060.10	Liquid and solid fuel burners	Performance and Safety
27.070	Fuel Cells	Safety
27.160	Solar energy engineering	Electrical Safety
29.020	Electrical engineering in general	Performance and Safety
29.035.20	Plastics and rubber insulating materials	Performance
29.060.01	Electrical wires and cables in general	Electrical Safety
29.060.10	Wires	Electrical Safety and Performance
29.060.20	Cables	Electrical Safety and Performance
29.080.01	Electrical insulation in general	Electrical Safety
29.080.30	Insulation systems	Performance
29.100.01	Components for electrical equipment in general	Safety
29.100.10	Magnetic components	Electrical Safety and Performance
29.100.20	Electric and electromechanical components	Electrical Safety
29.100.99	Other components for electrical equipment	Electrical Safety
29.120	Electrical accessories	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

ICS No.	Title	Purpose
29.120.99	Other electrical accessories	Electrical Safety
29.130	Switchgear and controlgear	Electrical Safety
29.130.01	Switchgear and controlgear in general	Electrical Safety
29.130.10	High voltage switchgear and control gear	Electrical Safety
29.130.20	Low voltage switchgear and control gear	Electrical Safety
29.130.99	Other switchgear and control gear	Electrical Safety
29.140.10	Lamp 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
29.140.99	Other standards related to lamps	Electrical Safety
29.160.20	Generators	Performance and Safety
29.160.30	Motors	Electrical Safety
29.160.40	Generating sets	Electrical Safety
29.160.99	Other standards related to rotating machinery	Electrical Safety
29.180	Transformers. Reactors	Electrical Safety
29.200	Rectifiers. Convertors. Stabilized power supply	Electrical Safety
29.220	Galvanic cells and batteries	Performance and Safety
29.220.01	Galvanic cells and batteries in general	Performance and Safety
29.220.10	Primary cells and batteries	Performance and Safety
29.220.20	Acid secondary cells and batteries	Performance and Safety
29.220.30	Alkaline secondary cells and batteries	Performance and Safety
29.220.99	Other cells and batteries	Performance and Electrical Safety
29.240.20	Power transmission and distribution lines	Performance and Electrical Safety
29.240.30	Control equipment for electric power systems	Electrical Safety
29.240.99	Other equipment related to power transmission and distribution networks	Electrical Safety

ICS No.	Title	Purpose
29.260.01	Electrical equipment for working in special conditions in general	Performance and Safety
29.260.10	Electrical installations for outdoor use	Electrical Safety
29.260.20	Electrical apparatus for explosive atmospheres	Electrical Safety and Performance
29.260.99	Other electrical equipment for working in special conditions	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
31.160	Electric filters	Electrical Safety
31.180	Printed circuits and boards	Electrical Safety
31.190	Electronic component assemblies	Electrical Safety
31.220.10	Plug-and-socket devices. Connectors	Electrical Safety
31.220.20	Switches	Electrical Safety
31.220.99	Other electromechanical components	Electrical Safety
31.260	Optoelectronics. Laser equipment	Electrical Safety
33.040	Telecommunication systems	Electrical Safety
33.040.01	Telecommunication systems in general	Electrical Safety
33.040.20	Transmission systems	Electrical Safety
33.040.30	Switching and signaling systems	Electrical Safety

ICS No.	Title	Purpose
33.040.35	Telephone networks	Electrical Safety
33.040.40	Data communication networks	Electrical Safety
33.040.50	Lines, connections and circuits	Electrical Safety
33.040.60	Powerline telecommunications	Electrical Safety
33.040.99	Other equipment for telecommunication systems	Electrical Safety
33.050.10	Telephone equipment	Electrical Safety
33.060.20	Receiving and transmitting equipment	Electrical Safety
33.100.10	Emission	Performance
33.100.20	Immunity	Performance
33.100.99	Other aspects related to EMC	Performance
33.160.01	Audio, video and audiovisual systems in general	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 teleconference equipment	Electrical Safety
33.160.99	Other audio, video and audiovisual equipment	Electrical Safety
33.180.10	Fibers and cables	Electrical Safety
33.180.30	Optic amplifiers	Electrical Safety
33.180.99	Other fiberoptic equipment	Electrical Safety
35.020	Information technology (IT) in general	Electrical Safety
35.110	Networking	Electrical Safety
35.160	Microprocessor systems	Electrical Safety
35.180	IT terminal and other peripheral equipment	Electrical Safety
35.260	Office machines	Electrical Safety
37.040.10	Photographic equipment. Projectors	Electrical Safety
37.040.25	Radiographic films	Safety

ICS No.	Title	Purpose
39.040.20	Clocks	Electrical Safety
43.040	Road vehicle systems	Performance and Safety
43.040.10	Electrical and electronic components	Performance and Safety
43.040.20	Lighting, signaling and warning devices	Electrical Safety
43.060.01	Internal combustion engines for road vehicles in general	Electrical Safety and Performance
43.060.40	Fuel systems	Electrical Safety and Performance
43.080.20	Buses (RV series)	Performance and Safety
43.100	Trailers and Caravans that fall within the scope of the CAN/CSA Z241 series of standards	Safety (structural, occupancy, electrical, fire, gas, Plumbing)  Energy Performance (HVAC, building envelope, plumbing, lighting, electrical and motors)
43.120	Electric road vehicles	Performance and Safety
43.150	Cycles	Performance and Safety
43.180	Diagnostic, maintenance and test equipment	Electrical Safety
47.020.60	Electrical equipment of ships and of marine structures	Electrical Safety
53.020.20	Cranes	Electrical Safety and Performance
53.040.10	Conveyors	Electrical Safety
55.040	Packaging materials and accessories	Safety
55.140	Barrels, Drums, Canisters	Performance
55.200	Packaging machinery	Electrical Safety
55.230	Distribution and vending machines	Electrical Safety and Performance
61.080	Sewing machines and other equipment for the clothing industry	Electrical Safety
65.040.99	Other standards related to farm buildings and installations	Electrical Safety
65.060.70	Horticultural equipment	Performance and Safety

ICS No.	Title	Purpose
65.060.80	Forestry equipment	Performance and Safety
67.250	Materials and articles in contact with foodstuffs	Performance and Safety
67.260	Plant and equipment for the food industry (Pertaining to the design, construction, performance, sanitation and health effects of equipment used in the processing, preparation, storage, handling and serving of food)	Performance and Safety
71.040.10	Chemical laboratories. Laboratory equipment	Electrical Safety
71.040.20	Laboratory ware and related apparatus	Electrical Safety
71.040.99	Other standards related to analytical chemistry	Electrical Safety
71.100	Products of the chemical industry	Performance
71.100.20	Gases for industrial application	Performance and Safety
71.100.80	Chemicals for purification of water	Health and Safety
71.120.99	Other equipment for the chemical industry	Performance and Safety
75.180.01	Equipment for petroleum and natural gas industries in general	Performance and Safety
75.180.99	Other equipment for petroleum and natural gas industries	Performance and Safety
75.200	Petroleum products and natural gas handling equipment	Performance and Safety
79.120.10	Woodworking machines	Electrical Safety
83.080	Plastics	Performance and Health
83.140.30	Plastics pipes, fittings and valves	Performance and Health
87.100	Paint coating equipment	Electrical Safety
91.040.99	Other buildings	Fire Safety
91.060.50	Doors and windows	Performance
91.080.40	Concrete Structures	Performance and Structural Safety
91.100.30	Concrete and Concrete Products	Performance and Structural Safety
91.140.40	Gas supply systems	Performance and Safety
91.140.50	Electricity supply systems	Electrical Safety, Fire Safety and Performance
91.140.60	Water supply systems	Fire Safety, Performance and Health

ICS No.	Title	Purpose
91.140.65	Water heating equipment	Performance and Safety
91.140.70	Sanitary installations	Fire Safety and Performance
91.140.80	Drainage systems	Fire Safety and Performance
91.140.90	Lifts. Escalators	Performance and Safety
91.140.99	Other installations in buildings	Fire Safety
91.160.01	Lighting in general	Electrical Safety & Performance
91.160.10	Interior lighting	Electrical Safety & Performance
91.160.20	Exterior building lighting	Electrical Safety
93.080.40	Street lighting and related equipment	Electrical Safety
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 and Performance
97.040.40	Dishwashers	Electrical Safety and Performance
97.040.50	Small kitchen appliances	Electrical Safety
97.040.99	Other kitchen equipment	Electrical Safety
97.060	Laundry appliances	Electrical Safety and Performance
97.080	Floor treatment appliances	Electrical Safety
97.100.10	Electric heaters	Performance & Safety
97.100.20	Gas heaters	Fire Safety
97.100.30	Solid fuel heaters	Performance & Safety
97.100.40	Liquid fuel heaters	Performance & Safety
97.100.99	Heaters using other sources of energy	Fire Safety
97.120	Automatic controls for household use	Electrical Safety
97.130.20	Commercial refrigerating appliances	Electrical Safety and Performance

ICS No.	Title	Purpose
97.140	Furniture	Electrical Safety and Fire Safety
97.145	Ladders	Electrical Safety
97.170	Body care equipment	Electrical Safety
97.180	Miscellaneous domestic and commercial equipment	Electrical Safety
97.190	Equipment for children Including child safety requirements for other household equipment	Performance
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
97.200.99	Other equipment for entertainment	Electrical Safety
97.220.20	Winter sports equipment	Safety
97.220.30	Indoor sports equipment	Safety



**Certification Mark:**



**Product Certification Scheme:**

ISO/IEC 17067, Conformity assessment - Fundamentals of product certification and guidelines for product certification schemes, *scheme type 4* most closely resembles this product certification scheme operated by CSA. The surveillance part of this scheme allows for the choice between periodically taking samples of the product 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 fulfill the specified requirements. This scheme can both indicate the impact of the distribution channel on conformity and provide a pre-market mechanism to identify and resolve serious nonconformities. Significant duplication of effort may take place for those products whose conformity is not affected during the distribution process.

**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
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

#### Certification Mark:



#### Product Certification Scheme:

ISO/IEC 17067, Conformity assessment - Fundamentals of product certification and guidelines for product certification schemes, *scheme type 5* most closely resembles this 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:

ICS No.	Title	Purpose
91.040.99	Other buildings - Factory manufactured modular and panelized buildings for all occupancies requiring involvement of qualified persons	Safety (structural, occupancy, electrical, fire, gas, Plumbing)  Energy Performance (HVAC, building envelope, plumbing, lighting, electrical and motors)

#### Certification Mark:



Energy Verified



Energy Verified  
Only

#### Product Certification Scheme: Energy Efficiency (EPA and NRCan)

ISO/IEC 17067, Conformity assessment - Fundamentals of product certification and guidelines for product certification schemes, *scheme type 5* most closely resembles this 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:

ICS No.	Title	Purpose
23.020.10	Stationary containers and tanks	Energy Efficiency
23.080	Pumps	Energy Efficiency
23.120	Ventilators, Fans, Air-conditioners	Energy Efficiency
25.180.10	Electric furnaces	Energy Efficiency
25.180.20	Fuel Furnaces	Energy Efficiency
27.060.01	Burners and boilers in general	Energy Efficiency
27.060.30	Boilers and heat exchanges	Energy Efficiency
27.070	Fuel Cells	Energy Efficiency

ICS No.	Title	Purpose
27.080	Heat pumps	Energy Efficiency
29.120.30	Plugs, socket-outlets, couplers	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
29.160.40	Generating sets	Energy Efficiency
29.180	Transformers. Reactors	Energy Efficiency
29.200	Rectifiers. Converters. Stabilized power supply	Energy Efficiency
31.120	Electronic display devices	Energy Efficiency
33.160.25	Television receivers	Energy Efficiency
33.040	Telecommunication systems	Energy Efficiency
33.040.01	Telecommunication systems in general	Energy Efficiency
33.040.20	Transmission systems	Energy Efficiency
33.040.30	Switching and signaling systems	Energy Efficiency
33.040.35	Telephone networks	Energy Efficiency
33.040.40	Data communication networks	Energy Efficiency
33.040.50	Lines, connections and circuits	Energy Efficiency
33.040.60	Powerline telecommunications	Energy Efficiency
33.040.99	Other equipment for telecommunication systems	Energy Efficiency
33.050.10	Telephone equipment	Energy Efficiency
33.050.99	Other telecommunication terminal equipment	Energy Efficiency
33.160.01	Audio, video and audiovisual systems in general	Energy Efficiency
33.160.30	Audio systems	Energy Efficiency
33.160.40	Video systems	Energy Efficiency
33.160.99	Other audio, video and audiovisual equipment	Energy Efficiency
35.110	Networking	Energy Efficiency
35.020	Information technology (IT) in general	Energy Efficiency

ICS No.	Title	Purpose
35.180	IT terminal and other peripheral equipment	Energy Efficiency
37.100.10	Reproduction equipment	Energy Efficiency
43.040	Road vehicle systems	Energy Efficiency
43.040.20	Lighting, signaling and warning devices	Energy Efficiency
43.120	Electric road vehicles	Energy Efficiency
55.230	Distribution and vending machines	Energy Efficiency
67.260	Plant and equipment for the food industry (Pertaining to the design, construction, performance, sanitation and health effects of equipment used in the processing, preparation, storage, handling and serving of food)	Energy Efficiency
91.140.65	Water heating equipment	Energy Efficiency
91.160.10	Interior lighting	Energy Efficiency
91.160.20	Exterior building lighting	Energy Efficiency
93.080.40	Street lighting and related equipment	Energy Efficiency
97.030	Domestic electrical 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
97.060	Laundry appliances	Energy Efficiency
97.100.10	Electric heaters	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
97.180	Miscellaneous domestic and commercial equipment	Energy Efficiency

## Product Certification Scheme:

**Accreditation for the purpose of Notified Body activity, pursuant to the Conformity Assessment Protocol in the Canada-European Union Comprehensive Economic and Trade Agreement (CETA)**

**Note: SCC takes into account EA 02/17.**

Directive/Regulation:

Equipment and protective systems intended for use in potentially explosive atmospheres (ATEX)  
2014/34/EU

Conformity assessment modules:

- EU-type Examination (Module B)
- Conformity to type based on quality assurance of the production process (Module D)
- Conformity to type based on product verification (Module F)
- Conformity to type based on internal production control plus supervised product testing (Module C1)
- Conformity to type based on product quality assurance (Module E)
- Conformity based on unit verification (Module G)

Product family, product /Intended use/Product range	Procedure / Modules	Annexes of Directive	Equipment / Protection	Applicable Standards
Group I electrical: - - Category M1 equipment - - Category M2 equipment - - Protective systems - - Safety devices, controlling devices & regulating devices - - Components Group I non-electrical: - - Category M1 equipment - - Category M2 equipment - - Protective systems - - Safety devices, controlling devices & regulating devices	EU-type Examination (Module B)  Conformity to type based on quality assurance of the production process (Module D)  Conformity to type based on product verification (Module F)	Annex III Annex IV Annex V Annex VI Annex VII Annex IX  Essential Health & Safety Requirements, Annex II of the ATEX	Electrical Equipment "d", "e", "i", "m", "n", "o", "p" and "q"  Non-electrical Equipment "b"	<b>EN 1834-3</b> Reciprocating internal combustion engines - Safety requirements for design and construction of engines for use in potentially explosive atmospheres - Part 3: Group II engines for use in flammable dust atmospheres  <b>EN 13012</b> Petrol filling stations - Construction and performance of automatic nozzles for use on fuel dispensers  <b>EN 13617-1</b>

<p>-- Components</p> <p>Group II gas electrical:</p> <p>-- Category 1 equipment</p> <p>-- Category 2 equipment</p> <p>-- Category 3 equipment</p> <p>-- Protective systems</p> <p>-- Safety devices, controlling devices &amp; regulating devices</p> <p>-- Components</p> <p>Group II dust electrical:</p> <p>-- Category 1 equipment</p> <p>-- Category 2 equipment</p> <p>-- Category 3 equipment</p> <p>-- Protective systems</p> <p>-- Safety devices, controlling devices &amp; regulating devices</p> <p>-- Components</p> <p>Group II gas non-electrical:</p> <p>-- Category 1 equipment</p> <p>-- Category 2 equipment</p> <p>-- Category 3 equipment</p> <p>-- Protective systems</p> <p>-- Safety devices, controlling devices &amp; regulating devices</p> <p>-- Components</p> <p>Group II dust non-electrical:</p> <p>-- Category 1 equipment</p> <p>-- Category 2 equipment</p> <p>-- Category 3 equipment</p> <p>-- Protective systems</p> <p>-- Safety devices, controlling devices &amp; regulating devices</p> <p>-- Components</p>	<p>Conformity to type based on internal production control plus supervised product testing (Module C1)</p> <p>Conformity to type based on product quality assurance (Module E)</p> <p>Conformity based on unit verification (Module G)</p>	<p>Directive 2016/34/EU</p>	<p>Petrol filling stations - Part 1: Safety requirements for construction and performance of metering pumps, dispensers and remote pumping units</p> <p><b>EN 13617-2</b></p> <p>Petrol filling stations - Part 2: Safety requirements for construction and performance of safe breaks for use on metering pumps and dispensers</p> <p><b>EN 13617-3</b></p> <p>Petrol filling stations - Part 3: Safety requirements for construction and performance of shear valves</p> <p><b>EN 13617-4</b></p> <p>Petrol filling stations - Part 4: Safety requirements for construction and performance of swivels for use on metering pumps and dispensers</p> <p><b>EN 14678-1</b></p> <p>LPG equipment and accessories - Construction and performance of LPG equipment for automotive filling stations - Part 1: Dispensers</p> <p><b>EN 14986</b></p> <p>Design of fans working in potentially explosive atmospheres</p> <p><b>EN 15198</b></p> <p>Methodology for the risk assessment of non-electrical equipment and components for intended use in potentially explosive atmospheres</p> <p><b>EN ISO 16852</b></p> <p>Flame arresters - Performance requirements, test methods and limits for use (ISO 16852)</p> <p><b>EN ISO 80079-36</b></p> <p>Explosive atmospheres - Part 36: Non-electrical equipment for explosive atmospheres - Basic method and requirements (ISO 80079-36)</p> <p><b>EN ISO 80079-37</b></p> <p>Explosive atmospheres - Part 37: Non-electrical equipment for</p>
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				<p>explosive atmospheres - Non-electrical type of protection constructional safety "c", control of ignition sources "b", liquid immersion "k" (ISO 80079-37)</p> <p><b>EN 50050-1</b></p> <p>Electrostatic hand-held spraying equipment - Safety requirements - Part 1: Hand-held spraying equipment for ignitable liquid coating materials</p> <p><b>EN 50050-2</b></p> <p>Electrostatic hand-held spraying equipment - Safety requirements - Part 2: Hand-held spraying equipment for ignitable coating powder</p> <p><b>EN 50050-3</b></p> <p>Electrostatic hand-held spraying equipment - Safety requirements - Part 3: Hand-held spraying equipment for ignitable flock</p> <p><b>EN 50176</b></p> <p>Stationary electrostatic application equipment for ignitable liquid coating material - Safety requirements</p> <p><b>EN 50177</b></p> <p>Stationary electrostatic application equipment for ignitable coating powders - Safety requirements</p> <p><b>EN 50271</b></p> <p>Electrical apparatus for the detection and measurement of combustible gases, toxic gases or oxygen - Requirements and tests for apparatus using software and/or digital technologies</p> <p><b>EN 50303</b></p> <p>Group I, Category M1 equipment intended to remain functional in atmospheres endangered by firedamp and/or coal dust</p> <p><b>EN 50495</b></p> <p>Safety devices required for the safe functioning of equipment with respect to explosion risks</p> <p><b>EN 60079-0&amp; IEC 60079-0</b></p>
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				<p>Explosive atmospheres - Part 0: Equipment - General requirements</p> <p><b>EN 60079-1/ IEC 60079-1</b></p> <p>Explosive atmospheres - Part 1: Equipment protection by flameproof enclosures "d"</p> <p><b>EN 60079-2&amp; IEC 60079-2</b></p> <p>Explosive atmospheres - Part 2: Equipment protection by pressurized enclosure "p"</p> <p><b>EN 60079-5&amp; IEC 60079-5</b></p> <p>Explosive atmospheres - Part 5: Equipment protection by powder filling "q"</p> <p><b>EN 60079-6 &amp; IEC 60079-6</b></p> <p>Explosive atmospheres - Part 6: Equipment protection by liquid immersion "o"</p> <p><b>EN 60079-7&amp; IEC 60079-7</b></p> <p>Explosive atmospheres - Part 7: Equipment protection by increased safety "e"</p> <p><b>EN 60079-11&amp; IEC 60079-11</b></p> <p>Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i"</p> <p><b>EN 60079-13</b></p> <p>Explosive atmospheres - Part 13: Equipment protection by pressurized room "p" and artificially ventilated room "v"</p> <p><b>EN 60079-15&amp; IEC 60079-15</b></p> <p>Explosive atmospheres - Part 15: Equipment protection by type of protection "n"</p> <p><b>EN 60079-18&amp; IEC 60079-18</b></p> <p>Explosive atmospheres - Part 18: Equipment protection by encapsulation "m"</p> <p><b>EN 60079-20-1&amp; IEC 60079-20-1</b></p> <p>Explosive atmospheres - Part 20-1: Material characteristics for gas and vapour classification - Test methods and data</p> <p><b>EN 60079-25&amp; IEC 60079-25</b></p>
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				<p>Explosive atmospheres - Part 25: Intrinsically safe electrical systems</p> <p><b>EN 60079-26 &amp; IEC 60079-26</b></p> <p>Explosive atmospheres - Part 26: Equipment with Equipment Protection Level (EPL) Ga</p> <p><b>EN 60079-27</b></p> <p>Explosive atmospheres - Part 27: Fieldbus intrinsically safe concept (FISCO)</p> <p><b>EN 60079-28&amp; IEC 60079-28</b></p> <p>Explosive atmospheres - Part 28: Protection of equipment and transmission systems using optical radiation</p> <p><b>EN 60079-29-1&amp; IEC 60079-29-1</b></p> <p>Explosive atmospheres - Part 29-1: Gas detectors - Performance requirements of detectors for flammable gases</p> <p><b>EN 60079-29-4 &amp; IEC 60079-29-4</b></p> <p>Explosive atmospheres - Part 29-4: Gas detectors - Performance requirements of open path detectors for flammable gases</p> <p><b>EN 60079-30-1, IEC 60079-30-1, EN 60079-30-1, IEC/IEEE 60079-30-1</b></p> <p>Explosive atmospheres - Part 30-1: Electrical resistance trace heating - General and testing requirements</p> <p><b>EN 60079-31&amp; IEC 60079-31</b></p> <p>Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"</p> <p><b>EN 60079-35-1&amp; IEC 60079-35-1</b></p> <p>Explosive atmospheres - Part 35-1: Caplights for use in mines susceptible to firedamp - General requirements - Construction and testing in relation to the risk of explosion</p> <p><b>EN ISO/IEC 80079-34</b></p> <p>Explosive atmospheres - Part 34: Application of quality systems for</p>
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				equipment manufacture (ISO/IEC 80079-34)
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