



CERTIFICATION BODY ACCREDITATION PROGRAM (CBAP)

Scope of Accreditation

Accredited Legal Entity: Canadian Standards Association o/a CSA Group

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SCC File #:	10004
Initial Accreditation Date:	1983-06-28
Reaccreditation Date:	2014-09-11
Accreditation Expiry Date:	2017-06-28
Accreditation Standard:	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	CSA Group 1707-94 Street North West Edmonton, AB T6N 1E6	Edmonton
B	Canada	CSA Group 865 Ellingham Avenue Pointe Claire, PQ H9R 5E8	Pointe Claire
C	Canada	CSA Group 13799 Commerce Parkway Richmond, BC V6V 2N9	Richmond
D	USA	CSA Group 6215 Shiloh Crossing, Building 100, Suite A Alpharetta, GA 30005	Alpharetta



Location	Country	Address	City
E	USA	CSA Group 8501 East Pleasant Valley Road Cleveland, OH 44131-5575	Cleveland
F	USA	CSA Group 5970 Fairview Road Suite 722 Charlotte, NC 28210	Charlotte
G	USA	CSA Group 2860 Guildler Drive, Plano Texas, 75074	Plano
H	USA	CSA Group 2805 Barranca Parkway Los Angeles, CA 92606-5114	Los Angeles
I	USA	CSA Group 100 Bluegrass Commons Blvd, Suite 210 Hendersonville, TN 37075	Nashville
J	United Kingdom	CSA Group Chester Rake Lane, Eccleston, Chester, England CH49JN	Chester
K	United Kingdom	CSA Group Derbyshire 11 Arden House Deepdale Business Park, Bakewell, Derbyshire DE45 1GT	Bakewell
L	Germany	CSA Group Strasskirchen Ohmstraße 1-4 94342 Strasskirchen Germany	Strasskirchen
M	Germany	CSA Group Europe GmbH Weismüllerstr. 45 60314 Frankfurt Germany	Frankfurt
N	Netherlands	CSA Group Arnhem Utrechtseweg 310, 6812 AR Arnhem P.O. Box 1142 Arnhem 6801 BC	Arnhem
O	Italia	CSA Group Italy Via Marco Fabio Quintiliano 43 20138 Milano Italy	Milano
P	China	CSA /CCIC Client Service Center No. 10 Ke Yan Road, Guangzhou Science Park, Luo Gang District 510663, Guangzhou, China 510663	Guangzhou



Location	Country	Address	City
Q	China	Canadian Standards Association (Far East Operations) Limited Suite 811, Tsimshatsui Center East Wing 66 Mody Road, International Business Center (IBC) Tsimshatsui East, Kowloon, Hong Kong	Hong Kong
R	China	CSA International Shanghai Floor 1, Building 4, Qilai Industrial City, 889 Yishan Road Shanghai, China 200233	Shanghai
S	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
T	Korea	CSA International-Korea 52, Chungmin-ro, Songpa-gu Seoul, Korea (Garden 5 Works C #705) 138-961	Seoul
U	Taiwan	Canadian Standards Association (Far East Operations) Limited, Taiwan 3F, No. 653-1, Zhongzheng Road, Xinzhuang District, Taipei Hsien	Taipei

Certification Mark:



Product Certification Scheme:

ISO/IEC 17067, Conformity assessment - Fundamentals of product certification and guidelines for product certification schemes, scheme type 3 most closely resembles the product certification scheme operated by this organization. The surveillance part of this scheme involves periodically taking samples of the product from the point of production and subjecting



them to determination activities to check that items produced subsequent to the initial attestation 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
27.080	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:

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ICS No.	Title	Purpose
11.040.10	Aneasthetic, 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
11.060.20	Dental equipment	Electrical Safety
11.120	Pharmaceutics (child restrictive packaging)	Safety
11.140	Hospital equipment	Electrical Safety
13.030.40	Installations and equipment for waste disposal and treatment	Performance



ICS No.	Title	Purpose
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
13.240	Protection against excessive pressure	Safety
13.260	Protection against electric shock	Performance and Electrical Safety
13.310	Protection against crime	Performance and Electrical Safety
13.320	Alarm and warning systems	Performance and Electrical Safety
13.340.20	Head protective equipment (including helmets, eye protectors, hearing protectors, etc.)	Performance and Safety
13.340.50	Protective footwear	Performance and Safety
13.340.99	Other protective equipment (ladders, lifeline systems, fall protection equipment and components)	Performance and Safety
19.080	Electrical and electronic testing	Electrical Safety
21.180	Housings, enclosures, other machine parts	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
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
23.060.10	Globe valves	Performance, Safety and Health
23.060.20	Ball and plug valves	Performance, Safety and Health



ICS No.	Title	Purpose
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
23.080	Pumps	Electrical Safety & Performance
23.100.50	Control components	Performance, Safety and Health
23.100.60	Filters, seals and contamination of fluids	Performance
23.120	Ventilators. Fans. Air-conditioners	Performance & Electrical Safety
23.140	Compressors and pneumatic machines	Performance and 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
25.140.20	Electric tools	Electrical Safety
25.160.30	Welding equipment	Electrical Safety
25.180.10	Electric furnaces	Safety and Performance
27.060.10	Liquid and solid fuel burners	Safety and Performance
27.070	Fuel Cells	Safety
27.160	Solar Energy Engineering	Electrical Safety (Photovoltaic Panels)
29.020	Electrical engineering in general	Performance, Safety
29.035.20	Plastics and rubber insulating materials	Performance
29.060.10	Wires	Performance and Electrical Safety



ICS No.	Title	Purpose
29.060.20	Cables	Electrical Safety and Performance
29.080.30	Insulation systems	Performance
29.100.10	Magnetic components	Electrical Safety and 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
29.130.20	Low voltage switchgear and controlgear	Electrical Safety
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
29.140.50	Lighting installation systems	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. Convertors. 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
31.040.10	Fixed resistors	Electrical Safety
31.040.20	Potentiometers, variable resistors	Electrical Safety
31.040.30	Thermistors	Electrical Safety



ICS No.	Title	Purpose
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
31.260	Optoelectronics. Laser equipment	Electrical Safety
33.040.40	Data communication networks	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
33.160.20	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
33.180.10	Fibres and cables	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 and other peripheral equipment	Electrical Safety
35.260	Office machines	Electrical Safety
37.040.10	Photographic equipment. Projectors	Electrical Safety
39.040.20	Clocks	Electrical Safety
43.040.20	Lighting, signalling and warning devices	Electrical Safety
43.080.20	Buses (RV series)	Performance, Safety
43.100	Passenger cars. Caravans and light trailers	Performance, Safety
47.020.60	Electrical equipment of ships and of marine structures	Electrical Safety
53.020.20	Cranes	Performance Electrical Safety
53.040.10	Conveyors	Electrical Safety
55.040	Packaging materials and accessories	Safety
55.200	Packaging machinery	Electrical Safety
55.230	Distribution and vending machines	Performance & Electrical Safety
61.080	Sewing machines and other equipment for the clothing industry	Electrical Safety
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
71.100.80	Chemicals for purification of water	Health and Safety
75.180.01	Equipment for petroleum and natural gas industries in general	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



ICS No.	Title	Purpose
91.060.50	Doors and windows	Performance
91.080.40	Concrete Structures	Structural Safety Performance
91.100.30	Concrete and Concrete Products	Structural Safety Performance
91.140.40	Gas supply systems	Safety and Performance
91.140.50	Electricity supply systems	Performance and Electrical Safety
91.140.60	Water supply systems	Performance and Health
91.140.65	Water heating equipment	Performance & Safety
91.140.70	Sanitary installations	Performance
91.140.80	Drainage systems	Performance
91.140.90	Lifts. Escalators	Performance and Safety
91.160.10	Interior lighting	Electrical Safety
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
97.040.30	Domestic refrigerating appliances	Performance & Electrical Safety
97.040.40	Dishwashers	Performance & Electrical Safety
97.040.50	Small kitchen appliances	Electrical Safety
97.060	Laundry appliances	Performance & Safety
97.080	Floor treatment appliances	Electrical Safety
97.100.10	Electric heaters	Performance & Safety
97.100.30	Solid fuel heaters	Performance & Safety
97.100.40	Liquid fuel heaters	Performance & Safety
97.130.20	Commercial refrigerating appliances	Performance & Electrical Safety
97.140	Furniture	Electrical Safety
97.145	Ladders	Electrical Safety



ICS No.	Title	Purpose
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
97.220.20	Winter sports equipment	Safety
97.220.30	Indoor sports equipment	Safety

Certification Mark:



Product Certification Scheme:

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ICS No.	Title	Purpose
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 Energy Performance Fire Safety Gas Safety Plumbing Safety

Certification Mark:



Energy Verified



Energy Verified
 Only

Product Certification Scheme:

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.



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ICS No.	Title	Purpose
23.080	Pumps	Energy Efficiency
23.120	Ventilators, Fans, Air-conditioners	Energy Efficiency
25.180.20	Fuel Furnaces	Energy Efficiency
27.060.30	Boilers and heat exchanges	Energy Efficiency
27.080	Heat pumps	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
33.160.25	Television receivers	Energy Efficiency
33.050.99	Other telecommunication terminal equipment	Energy Efficiency
33.160.99	Other audio, video and audiovisual equipment	Energy Efficiency
35.020	Information technology (IT) in general	Energy Efficiency
35.180	IT terminal and other peripheral equipment	Energy Efficiency
37.100.10	Reproduction equipment	Energy Efficiency
43.040.20	Lighting, signaling and warning devices	Energy Efficiency
55.230	Distribution and vending machines	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



ICS No.	Title	Purpose
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