



Standards Council of Canada
Conseil canadien des normes

CERTIFICATION BODY ACCREDITATION PROGRAM

Accredited Legal Entity:

CANADIAN STANDARDS ASSOCIATION operating as **CSA Group**

178 Rexdale Boulevard, Toronto, ON M9W 1R3 Canada
Telephone: (416) 747-4013
Email: Benjamin.Barker@csagroup.org

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

Accreditation Standards:

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

Certification Mark:



Product Certification System Type:

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

Subject Areas of Accreditation:

The scope of accreditation for the above-mentioned legal entity limits the use of the certification mark shown, to products that meet standards classified by the following international classification coding:

Canada

| 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 System Type:**

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

Subject Areas of Accreditation:

The scope of accreditation for the above-mentioned legal entity limits the use of the certification mark shown, to products that meet standards classified by the following international classification coding:

| ICS No. | Title | Purpose |
|-----------|--|-----------------------------------|
| 11.040.10 | 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 |
| 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 |
| 13.110 | 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 |

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

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

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



| ICS No. | Title | Purpose |
|----------------|--|--------------------------------------|
| 87.100 | Paint coating equipment | Electrical Safety |
| 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 |
| 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 System Type:

The product certification system operated by this organization most closely resembles that described by ISO/IEC Guide 67, *Conformity assessment — Fundamentals of product certification*, System 5. It includes the evaluation of samples requested by the certification body, determination of characteristics by testing or assessment, initial assessment of the production process or the quality system, as applicable, evaluation of the test and assessment reports, license, on-going surveillance by testing or inspection of samples from the factory or the open market, or both depending on the product type, as well as on-going surveillance of the production process or quality system or both.

Subject Areas of Accreditation:

The scope of accreditation for the above-mentioned legal entity limits the use of the certification mark shown, to products that meet standards classified by the following international classification coding:

| ICS No. | Title | Purpose |
|----------------|---|---|
| 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 System Type:

The product certification system operated by this organization most closely resembles that described by ISO/IEC Guide 67, *Conformity assessment — Fundamentals of product certification*, System 5. The program includes the evaluation of samples requested by the certification body; determination of characteristics by testing or assessment; initial assessment of the production process or the quality system, as applicable; evaluation of the test and assessment reports; licensing; on-going surveillance by testing or inspection of samples from the factory or the open market, or both depending on the product type; and on-going surveillance of the production process or quality system or both.

Subject Areas of Accreditation:

The scope of accreditation for the above-mentioned legal entity limits the use of the certification mark shown, to products that meet standards classified by the following international classification coding:

| ICS No. | Title | Purpose |
|-----------|--|-------------------|
| 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 |
| 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 |
| 93.080.40 | Street lighting and related equipment | Energy Efficiency |
| 97.040.20 | Cooking ranges, working tables, ovens and similar appliances | Energy Efficiency |
| 97.040.30 | Domestic refrigerating appliances | Energy Efficiency |



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

Other Critical/Key Locations

The certification activities conducted by the above-mentioned legal entity at the following locations are also included in this scope of accreditation:

| Country | Address | Location |
|----------------|---|---------------|
| Canada | CSA International 1707-94 Street North West Edmonton, AB T6N 1E6 | Edmonton |
| Canada | CSA International 865 Ellingham Avenue Pointe Claire, PQ H9R 5E8 | Pointe Claire |
| Canada | CSA International 13799 Commerce Parkway Richmond, BC V6V 2N9 | Richmond |
| USA | CSA International 2210 Justin Trail, Atlanta, GA 30004 | Atlanta |
| USA | CSA International 8501 East Pleasant Valley Road Cleveland, OH 44131-5575 | Cleveland |
| USA | CSA International 5970 Fairview Road Suite 722 Charlotte, NC 28210 | Charlotte |
| USA | CSA International 320 Westway Place, Suite 546 Arlington, TX 76018 | Dallas |
| USA | CSA International 2805 Barranca Parkway Los Angeles, CA 92606-5114 | Los Angeles |
| USA | CSA International 639 East Main Street Nashville, TN B202, 37075 | Nashville |
| United Kingdom | CSA Group Chester Rake Lane, Eccleston, Chester, England CH49JN | Chester |
| United Kingdom | CSA Group Derbyshire 11 Arden House Deepdale Business Park, Bakewell, Derbyshire DE45 1ET | Bakewell |
| Germany | CSA Group Strasskirchen Ohmstraße 1-4 94342 Strasskirchen Germany | Strasskirchen |



| Country | Address | Location |
|----------------|---|-----------------|
| Germany | CSA Group Europe GmbH Weismüllerstr. 45 60314 Frankfurt Germany | Frankfurt |
| Netherlands | CSA Group Arnhem Utrechtseweg 310, 6812 AR Arnhem P.O. Box 1142 Arnhem 6801 BC | Arnhem |
| Italia | CSA Group Italy Via Marco Fabio Quintiliano 43 20138 Milano Italy | Milano |
| China | CSA /CCIC Client Service Center Room 1708 GIE Tower No.403 Huan Shi Dong Road Guangzhou 510095 | Guangzhou |
| China | CCIC-CSA International Certification Co., Ltd. Room 1206 GIE Tower No.403 Huan Shi Dong Road Guangzhou 510095 | Guangzhou |
| China | Canadian Standards Association (Far East Operations) Limited Room 2612-18 Metropole Square, 2 On Yiu Street, Shatin, New Territories, Hong Kong | Hong Kong |
| China | CSA International Shanghai 1st Floor, Building 4, Qilai Industrial City, 889 Yishan Road, Shanghai, 200233 China | Shanghai |
| India | CSA India Private Limited No. 239 A-1, 10th Cross Road, Rajmahal Vilas Extension, Off. C.V. Raman Road, Bangalore 560 080 | Bangalore |
| Korea | CSA International-Korea Room 1707, Bigway Business Centre, Keungi Tower, 677-25 Yeoksam-dong, Gangnam-gu Seoul 135-080 | Seoul |
| Taiwan | Canadian Standards Association (Far East Operations Limited, Taiwan Branch, Zhongzheng Road, Section 1 Zhonghua Road, Sinjhuang District, New Taipei, Taiwan 242 | Taipei |



