![SCC CCN logo]

CERTIFICATION BODY ACCREDITATION PROGRAM (CBAP)

Scope of Accreditation

Accredited Legal Entity: QAI LABORATORIES LTD.

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LOCATION A

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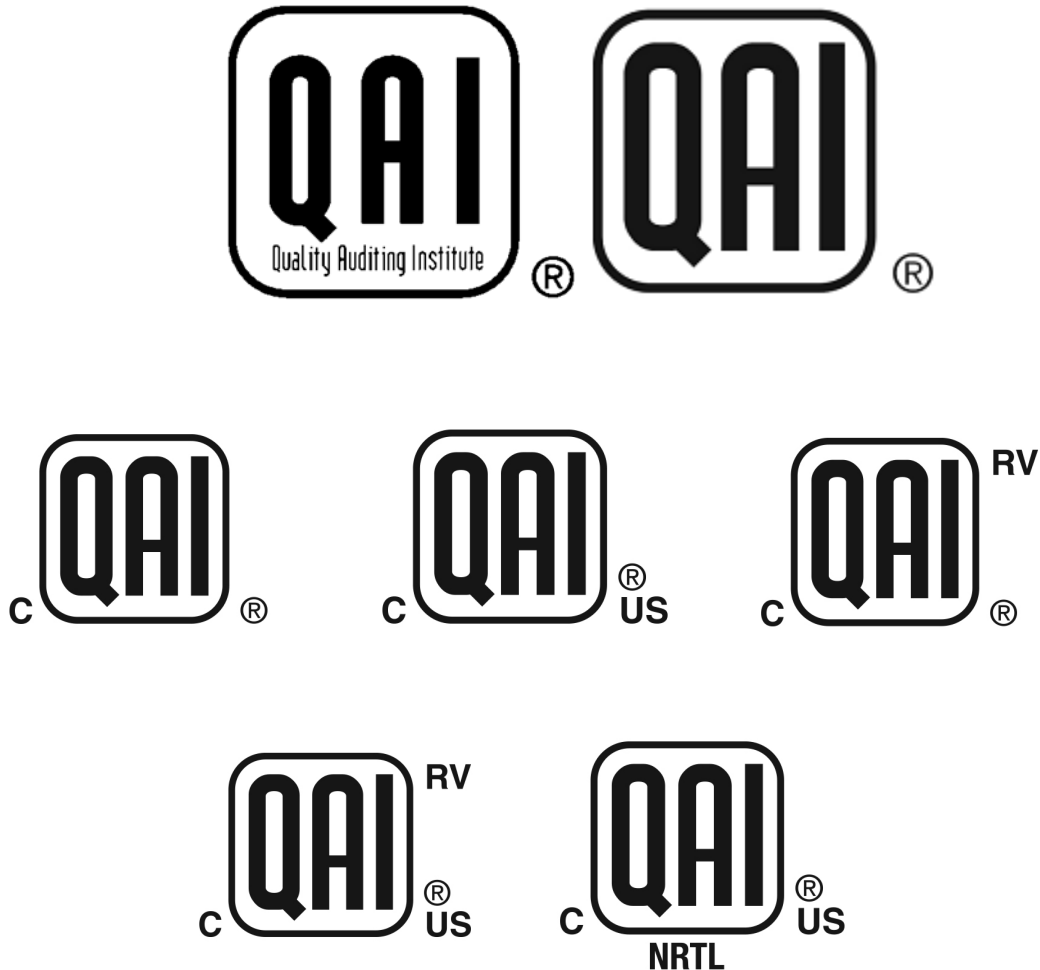
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Email: jjohnson@qai.org

SCC File Number:	10024
Accreditation Standard:	ISO/IEC 17065:2012 – Conformity assessment — Requirements for bodies certifying products, processes and services
Additional Accreditation Requirement:	Requirements and Guidance – Product, Process, and Service Certification Body Accreditation Program, v5:2021-09-21
Initial Accreditation:	1997-05-26
Most Recent Accreditation:	2024-08-25
Accreditation Valid to:	2025-05-26

Additional Fixed Office Locations:

Refer to the legal entity location identified at the top of this listing. There are no additional locations included in this scope of accreditation:

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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 the product certification scheme operated by QAI. 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. The surveillance includes periodic assessment of the production process. This scheme can both indicate the impact of the distribution channel on conformity and provide a pre-market mechanism to identify and resolve

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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 ISO/IEC 17065:2012 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 technical requirements:

Title	Purpose
Innovation, Science and Economic Development Canada (ISEDC) Certification Body Program: • Radio Scope 1 License-Exempt Radio Frequency Devices • Radio Scope 2 Licensed Personal Mobile Radio Services • Radio Scope 3 Licensed General Mobile & Fixed Radio Services • Radio Scope 4 Licensed Maritime & Aviation Radio Services • Radio Scope 5 Licensed Fixed Microwave Radio Services	Performance
US Federal Communications Commission (FCC) Telecommunications Certification Body Program: • Scope A1 Unlicensed Transmitters • Scope A2 Unlicensed Transmitters>1GHz except Spread Spectrum Devices • Scope A3 Unlicensed PCS • Scope A4 Unlicensed National Information Infrastructure and Spread Spectrum devices • Scope B1 Personal Mobile Radio • Scope B2 General Mobile radio services • Scope B3 Maritime and aviation radio services • Scope B4 Microwave radio services	Performance

2014/53/EU Radio Equipment				
Essential requirements	Procedures	Articles/Annexes	Categories of radio equipment	Comments
Article 3.1.a	Module B	Article 17 and Annex III	All categories in RED	
Article 3.1.b	Module B	Article 17 and Annex III	All categories in RED	
Article 3.2	Module B	Article 17 and Annex III	All categories in RED	

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Article 3.3.g applied in conjunction with the Commission Decisions adopted under the R&TTED	Module B	Article 17 and Annex III	All applicable radio equipment under RED 3.3g	
Article 3.3.g NOT applied in conjunction with the Commission Decisions adopted under the R&TTED	Module B	Article 17 and Annex III	Mobile phones	

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.

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.

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
11.040.01	Medical equipment in general	Electrical Safety
11.040.10	Anesthetics, 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
11.080.01	Sterilizing equipment	Electrical Safety
11.080.10	Sterilizing equipment	Electrical Safety
11.140	Hospital equipment	Electrical Safety
13.110	Safety of machinery	Electrical Safety
13.120	Domestic Safety	Electrical Safety
13.220.20	Fire protection	Fire Safety
13.220.40	Ignitability and burning behavior of materials and products	Fire Safety
13.220.50	Fire-resistance of building materials and elements	Fire Safety
13.220.99	Other standards related to protection against fire	Fire Safety
13.260	Protection against electric shock. Live working	Electrical Safety
13.320	Alarm and warning systems	Electrical Safety
17.200.20	Temperature-measuring instruments	Electrical Safety
19.020	Test Conditions and Procedures in General (Testing)	Performance, Safety and Efficiency
19.080	Electrical and electronic testing	Electrical Safety
21.180	Housings, enclosures, other machine parts (special purpose enclosures)	Electrical Safety

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*ICS No.	Title	Purpose
23.020.10	Stationary containers and tanks	Performance and Health Safety
23.040.10	Iron and steel pipes	Performance and Health Safety
*ICS No.	**Title**	**Purpose**
23.040.15	Non-ferrous metal pipes	Performance and Health Safety
23.040.20	Plastics pipes	Performance and Health Safety
23.040.40	Metal fittings	Performance and Health Safety
23.040.45	Plastics fittings	Performance and Health Safety
23.040.50	Pipes and fittings of other materials	Performance and Health Safety
23.040.60	Flanges, couplings and joints	Performance and Health Safety
23.040.80	Seals for pipe and hose assemblies	Performance and Health Safety
23.060	Valves	Performance and Health Safety
23.080	Pumps	Electrical Safety, Health Safety
23.120	Ventilators. Fans. Air-conditioners	Electrical Safety
25.040.40	Industrial Process Measurement and Control	Electrical Safety
25.080.01	Machine tools	Electrical Safety
25.140.20	Electric tools	Electrical Safety
27.060.10	Liquid and solid fuel burners	Safety-Solid Fuel Efficiency
27.060.20	Gas fuel burners	Safety- Gas
29.060.10	Wires *including electric rods, busbars, etc.	Electrical Safety
29.080.30	Insulation systems (general requirements for double-insulated equipment)	Electrical Safety
29.100	Components for electrical equipment	Electrical Safety
29.100.01	Components for electrical equipment in general	Electrical Safety
29.120.01	Connecting devices (terminal blocks)	Electrical Safety

29.120.10	Conduits for electrical purposes	Electrical Safety
29.120.20	Connecting devices (terminal blocks)	Electrical Safety
29.120.30	Plugs, socket-outlets, couplers	Electrical Safety
29.120.40	Switches	Electrical Safety
29.120.99	Other electrical accessories (outlet boxes, conduit boxers, fittings and associated hardware, cutout, junction and pull boxes, rigid PVC boxes and fittings)	Electrical Safety
29.140	Lamps and related equipment (solid-state lighting controls)	Electrical Safety
29.140.10	Lamps, caps and holders	Electrical Safety
29.140.20	Incandescent lamps	Electrical Safety
29.140.40	Luminaires	Electrical Safety
29.160.30	Motors	Electrical Safety
29.180	Transformers. Reactors	Electrical Safety
29.200	Rectifiers. Convertors. Stabilized power supply	Electrical Safety
29.220	Galvanic cells and batteries	Electrical Safety
29.240.30	Control equipment for electric power systems	Electrical Safety
29.260.10	Electrical installation for outdoor use	Electrical Safety
29.260.20	Electrical apparatus for explosive atmospheres	Electrical Safety
31.120	Electronic display devices	Electrical Safety
31.220.20	Switches (clock operated switches)	Electrical Safety
31.240	Mechanical structures for electronic equipment	Electrical Safety
33.060.20	Receiving and transmitting equipment (telecommunication equipment)	Electrical Safety
33.060.40	Cabled distribution systems	Electrical Safety
33.160	Audio, video, and audiovisual engineering	Electrical Safety
33.160.01	Audio, video, and audiovisual engineering in general	Electrical Safety
33.160.10	Amplifiers	Electrical Safety
33.160.50	Accessories	Electrical Safety
35.020	Information technology (IT) in general	Electrical Safety

35.260	Office machines	Electrical Safety
39.040.20	Clocks	Electrical Safety
43.040.20	Lighting, signaling and warning devices	Electrical Safety
43.040.60	Bodies and body components	Electrical 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
61.080	Sewing machines and other equipment for the clothing industry	Electrical Safety
65.040.99	Other standards related to farm buildings and installations (fence energizers)	Electrical Safety
65.060.70	Horticultural equipment (motor operated gardening appliances)	Electrical Safety
79.020	Wood technology processes	Performance
79.060.01	Wood-based panels in general	Performance
79.060.10	Plywood	Performance
79.060.20	Fiber and particle boards	Performance
79.080	Semi-manufactures of timber (wood shingles and shakes)	Performance
91.060.20	Roofs	Performance
91.060.50	Doors and windows	Performance
91.080.20	Wood	Performance
91.120.10	Thermal insulation of buildings	Performance
91.120.30	Waterproofing	Performance
91.140.10	Central heating systems	Electrical Safety Safety-Solid Fuel Efficiency
91.140.20	Industrial Heating system	Electrical Safety Safety-Solid Fuel Efficiency

91.140.30	Ventilation and air-conditioning systems	Electrical Safety
91.140.50	Electricity supply systems	Electrical Safety
91.140.60	Water supply systems	Performance and Health Safety
91.140.65	Water heating equipment	Safety
91.140.70	Sanitary installations	Performance and Health Safety
91.140.80	Drainage Systems	Performance and Health Safety
91.140.90	Lifts. Escalators	Electrical Safety and Performance
91.160.10	Interior lighting	Electrical Safety
91.160.20	Exterior building lighting	Electrical Safety
97.020	Home economics in general	Electrical Safety
97.030	Domestic electric appliances in general	Electrical Safety
97.040	Kitchen equipment	Safety-Gas
97.040.10	Kitchen Furniture	Electrical Safety
97.040.20	Cooking ranges, working tables, ovens and similar appliances	Electrical Safety Safety-Gas Efficiency
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	Domestic, commercial and industrial heating appliances	Electrical Safety
97.100.10	Electric heaters	Electrical Safety
97.100.20	Gas heaters	Safety-Gas Safety-Solid Fuel Energy
97.120	Automatic controls for household use	Electrical Safety

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97.130.20	Commercial refrigeration appliances, Including refrigerated display cabinets, cold rooms, walk-in freezer / cooler panels and components, etc.	Energy Efficiency Performance
97.140	Furniture	Electrical Safety
97.170	Body care equipment	Electrical Safety
97.180	Miscellaneous domestic and commercial equipment (battery chargers)	Electrical Safety Safety-
97.200.10	Theatre, stage and studio equipment	Electrical Safety
97.200.30	Camping equipment and camp-sites	Safety Safety-
97.200.50	Toys	Electrical Safety
97.220.10	Sports facilities (swimming pools, spas)	Electrical Safety

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.

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

Scope of Accreditation:

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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)

This document forms part of the Certificate of Accreditation issued by the Standards Council of Canada (SCC) to QAI LABORATORIES LTD. The original version is available in the Directory of Accredited Product, Process and Service Certification Bodies on the SCC website at www.scc-ccn.ca.

Elias Rafoul

Vice President, Accreditation Services
Date: 2024-08-26

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