# Québec 🖁 🛣

Régie du bâtiment du Québec

This content in English is intended for individuals covered by the exceptions to the *Charter* of **F**R *French language* and its regulations.

Home Areas of intervention Electricity

# Approval of electrical equipment: bodies, seals and labels

In the province of Québec, **the selling, renting or installation of electrical equipment that has not been approved is prohibited.** All electrical equipment used in an electrical installation or intended to consume energy from such an installation shall be approved for the use for which it is intended.

The installation of electrical equipment which is not approved—especially overcurrent devices such as breakers—may constitute **major safety risks**. It may even represent a risk of death, in the cases of electrification or fire breaking due to an electrical defect.

The approval procedure is not necessary when the electrical equipment meets at least one of the conditions below:

- It is located upstream from the connecting point.
- It is intended to be interconnected, in accordance with section 84 of the Construction Code.
- It is located upstream from a stand-alone inverter.
- Its power consumption is not more than 100 VA and its voltage is not more than 30 V, except in the case of signs, lighting devices, luminaries, thermostats with heat anticipators, electromedical devices or apparatus installed in a hazardous location.

## **Approval procedures**

There are two specific procedures to have electrical equipment approved: the **certification** and the **special evaluation** by the Standards Council of Canada (SCC).

### Certification

This procedure is the most used of the two to approve an electrical equipment. Once a certification body has tested the equipment to see if it is compliant with the applicable Canadian standards, a seal is affixed on it.

Electrical equipment compliant with the Canadian standards also bear the indication "c" on the seal, at the 8 'o clock position. If an equipment does not have that indication, you should contact the certification body to check whether the equipment is compliant with the Canadian standards. It could be a seal that is only used in Canada, so no additional indication is needed.

To know if an equipment is duly certified, here is a non-exhaustive list of the accredited certification bodies and examples of valid certification seals. To get the complete list or more information, please consult the <u>Directory of Accredited Product</u>, Process and Service Certification Bodies 2 on the SCC's website.

#### CERTIFICATION BODIES AND SEALS

Certification bodies	Seals
Attesta International Safety Certification Inc.	$\left( \begin{array}{c} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$
CSA Group Testing & Certification Inc.	
Curtis-Straus LLC	c
Electrical Safety Authority Operant sous le nom de: ESA Field Evaluation	ESA Wind Market Wind Market Mind Mind Mind Mind Mind Mind Mind Mind
DEKRA Certification B.V.	
FM Approvals	E FM US E FM APPROVED
IAPMO RESEARCH AND TESTING, INC.	C C C C C C C C C C C C C C C C C C C
IAPMO Ventures, LLC. dba IAPMO EGS	NRTL IAPMO EGS US C US C

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Certification bodies	Seals
LabTest Certification Inc.	cLC cLC <sub>us</sub>
Intertek Testing Services NA Ltd.	Certified
MET Laboratories, Inc.	
Nemko North America Inc.	
NSF International	ELECTRICAL
NTA, inc.	ÎNÂ
OMNI-Test Laboratories, Inc.	O-T L
QPS Evaluation Services, Inc.	
Quality Auditing Institute Ltd	c QAI
SGS North America, Inc.	SGS
TR Arnold and Associates, Inc	

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Certification bodies	Seals
TÜV SÜD America Inc.	
TÜV Rheinland of North America, Inc.	
Laboratoires des Assureurs du Canada, Inc. (Underwriters' Laboratories of Canada)	
UL LLC	C C C C C C C C C C C C C C C C C C C

## Special evaluation

This is the second procedure to have electrical equipment approved. A special evaluation is done at the manufacturer's plant for specialized equipment or equipment produced in limited quantity.

The accredited inspection body evaluates the equipment according to the SPE-1000 or SPE-3000 standards, both published by the CSA Group. The body confirms its conformity to the applicable Canadian standards by affixing a custom label.

To know if an equipment is duly certified, here is a non-exhaustive list of the accredited certification bodies and examples of valid certification labels.

Other seals could be valid, even if they have differences with the ones below, such as different colours or textual details. To get the complete list of the valid labels and learn about the certification scope of the inspection bodies, please consult the <u>Inspection Bodies section of the Directory of Accredited Bodies</u>  $\square$  on the SCC's website.

#### CERTIFICATION BODIES AND SPECIAL EVALUATION LABELS

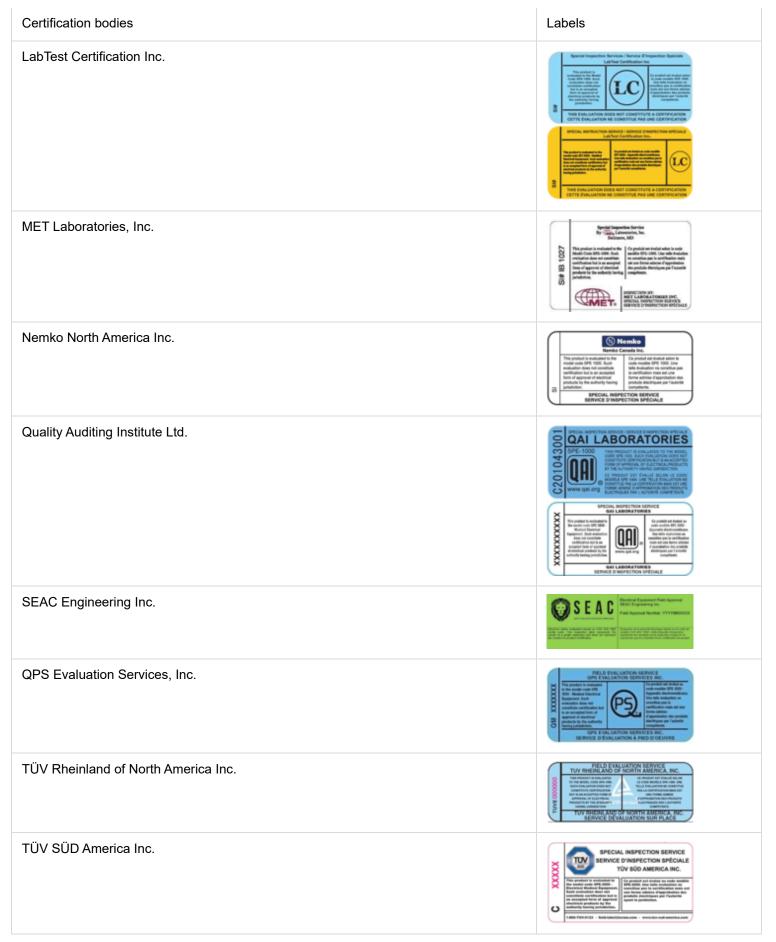
Certification bodies

Labels

Certification bodies	Labels
AC&E North America Inc.	<page-header><page-header><text><text><text><text></text></text></text></text></page-header></page-header>
Attesta International Safety Certification Inc.	<text><text><text><text><text><text><text><text><text><text><text><text><text><text><text></text></text></text></text></text></text></text></text></text></text></text></text></text></text></text>
CSA Group Testing & Certification Inc.	SPECIAL INSPECTION SERVICE       The set of carbon dependence of the set of the
Electrical Safety Authority Operant, sous le nom de: ESA Field Evaluation.	Martine     Martine     Martine     Martine       The mark was and
Groupe Canadien d'Approbation Inc.	POP - O
Intertek Testing Services NA Ltd.	INTERATER     TESTINO     SERVICES       INTERATER     TESTINO     SERVICES       INTERATER     INTERATER     SERVICES       INTERATER     INTERATER     SERVICES       INTERATER     INTERATER     Service       INTERTER     INTERATER     Service       INTERTER     INTERATER     Service       INTERTER     INTERTER     Service

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Certification bodies	Labels
Laboratoires des Assureurs du Canada, Inc. (Underwriters' Laboratories of Canada)	PIELD EVALUATION SERVICE Operating and the service of cases of the service of the servi
Vision Integrity Engineering Ltd.	Image: state of the s

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