



# Top Things to Know About Securing Access to the North American HazLoc Market

Successful US/CAN Product Certification by DEKRA

DEKRA Certification is an Ex CB and authorized NRTL providing hazardous location product certifications and audits for the USA, Canada, and several countries around the world.

Listed below are items to consider when approaching DEKRA for US/CAN hazardous location product certifications.

## US Certification Standards:

Category	Standards
Environmental	UL 50, UL 60950-22
Haz Loc	UL 121201, UL 913, UL 1203, UL 60079-0, UL 60079-1, UL 60079-2, UL 60079-7, UL 60079-11, UL 60079-15, UL 60079-18, UL 60079-26, UL 60079-30-1, UL 60079-31
ITE/LAB/AV	UL 60950-1, UL 61010-1, UL 60065, UL 62368-1
Lighting	UL 8750, UL 1598, UL 153
Medical	AAMI 60601-1
Misc. Group	UL 508A, UL 858, UL 858A, UL 1059, UL 2157, UL 61058-1, UL 60730-1, UL 60730-2-9
Power Supplies	UL 1012, UL 1778, 1310

## Canada Certification Standards:

ICS No.	Title
29.260.20	Electrical apparatus for explosive atmospheres
11.04, 11.040.50	Medical equipment, Radiographic equipment
13.12	Domestic safety
19.08	Electrical and electronic testing
25.040.40	Industrial process measurement and control
29.02	Electrical engineering in general
29.1, 29.120.20, 29.120.40, 29.140.40	Components for electrical equipment, Connecting devices, Switches, Luminaires
29.2, 29.22, 29.240.30	Rectifiers. Converters. Stabilized power supply, Galvanic cells, and batteries, Control equipment for electric power systems
31.24	Mechanical structures for electronic equipment
33.160.01	Audio, video and audiovisual systems in general
35.02	Information technology (IT) in general
71.040.10	Chemical laboratories. Laboratory equipment
91.140.50	Electricity supply systems
97.02, 97.03, 97.06	Home economics in general, Domestic electrical appliances in general, Laundry appliances
97.12	Automatic controls for household use
97.220.10	Sports facilities

## North American Certification Scheme (NACS)

### Types of Certification:

**1. Model Certification (or Type 3 Certification)** In this scheme surveillance is mandatory. Therefore, factory inspections are necessary and samples of the product are periodically taken to check those items produced after the initial verification fulfills the specified requirements.

#### Important Benefits

- **Reduced Testing Costs:** DEKRA recognizes and widely accepts components previously tested in other accredited labs according to the applicable standards.
- **Transfer of Certifications is Easy:** DEKRA offers special pricing for transfers.
- **Factory Inspection may be Waived:** The initial inspection may be waived when the manufacturing location or the equipment and personnel have been previously evaluated.
- **Decades of Experience:** DEKRA has issued more than 3,000 IECEx product certificates

**2. Batch or Field Certification (or type 1b Certification)** In this scheme, the surveillance is not mandatory. Products obtain a one-time certification.

**Important Benefits**

- **Shortened Timelines:** IEC and North American Certification Scheme Project work can be combined to shorten the timeline of the certification process
- **No Panel Shop Agreement:** Panel shop agreement not needed.

### Three Delivery Options for Product Certifications

DEKRA offers three delivery options, designed to provide you with the flexibility you need.

1. Standard
2. Committed project start date\*
3. Guaranteed project completion\*

\*Call for details

### Certification Transfer Options with DEKRA

**ATEX**

ATEX certificate transferred for an additional \$1,000 when included with an IECEX transfer for the same product

**IECEX**

DEKRA has developed a formula for transfer certifications based on the number of ExTRs and the required protection method(s) starting as low as \$4,800

**US/CAN**

DEKRA's policy is to review and widely accept prior test results from selected CBs when supported by an accompanying test report and/or other recognized certifications

**For More information**

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<https://www.dekra.us/en/hazardous-location-certification-services/overview/>