

North American Certification Scheme

Webinar

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Management

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Our heritage



DEKRA (incl. former KEMA and KEMA Quality), has **experience in North American market access since the mid 1950's**. But, via different partners (such as UL, CSA, MET, FM and QPS), only. Now this North American Market access can be achieved also directly via DEKRA.

Agenda



- Need of safety marks at North American Market
- Scope of accreditations
- Operational processes
- Acceptance of marks

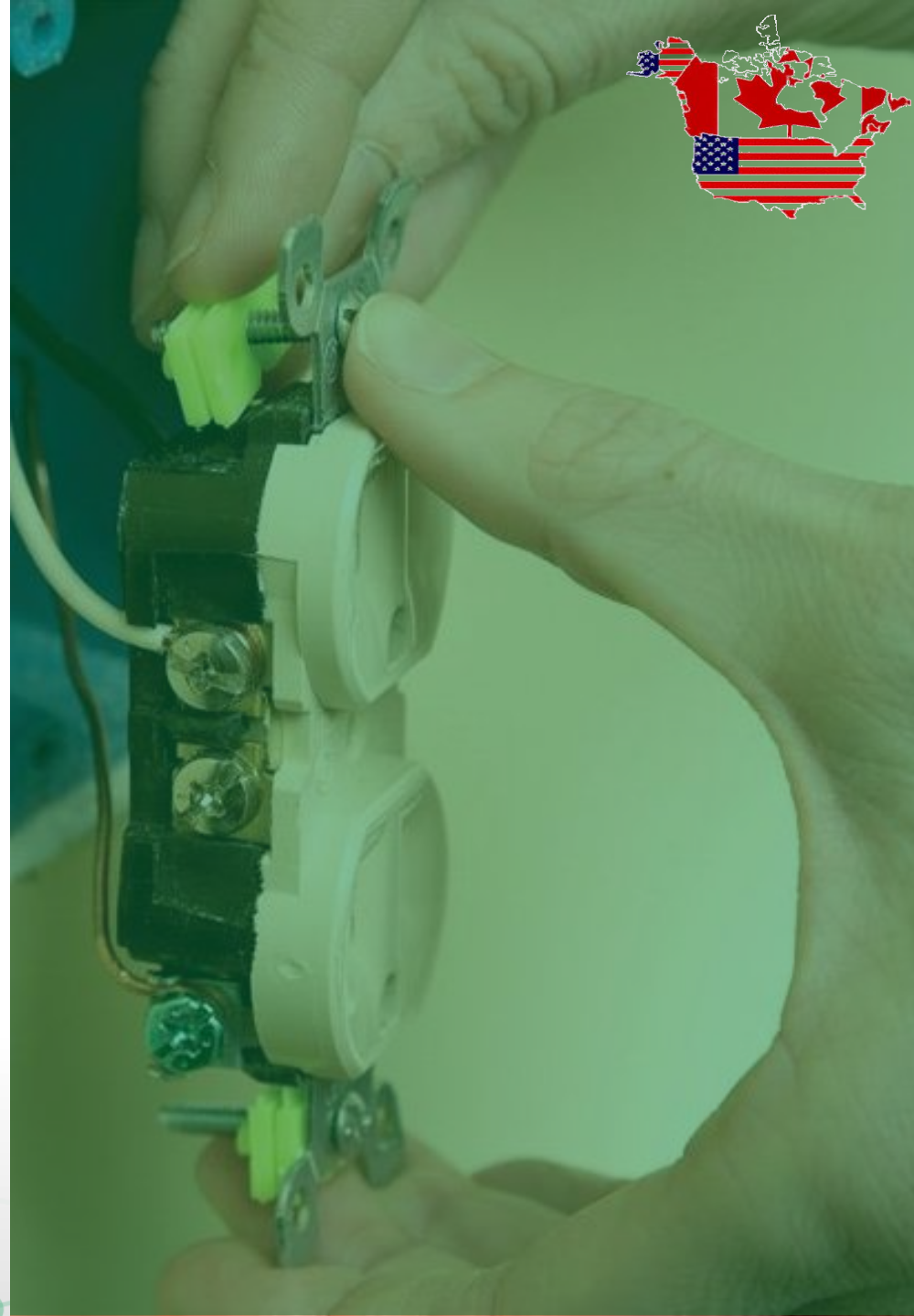


Frank Thon

Director Quality, Risk and Accreditation Management,
Service Division Product Testing

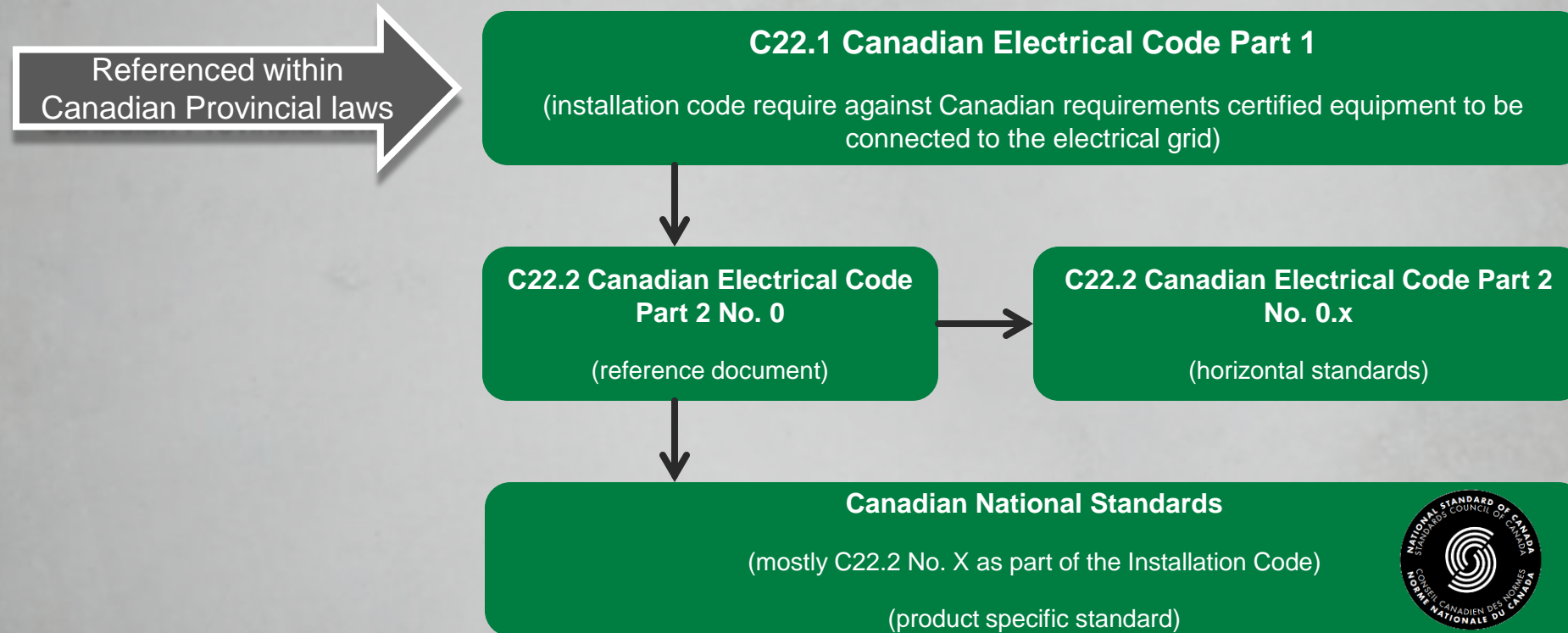
- 16 years employed in TIC business
- 10 years in major North American NRTL's/Certification Bodies
- Operational background
- Responsible for Quality, Risk and Accreditation Management within DEKRA Service Division Product Testing
- Service Expert for North American Certification Scheme, Medium and High Voltage Inspections, GCC Certification Scheme and others

Need and acceptance of safety marks



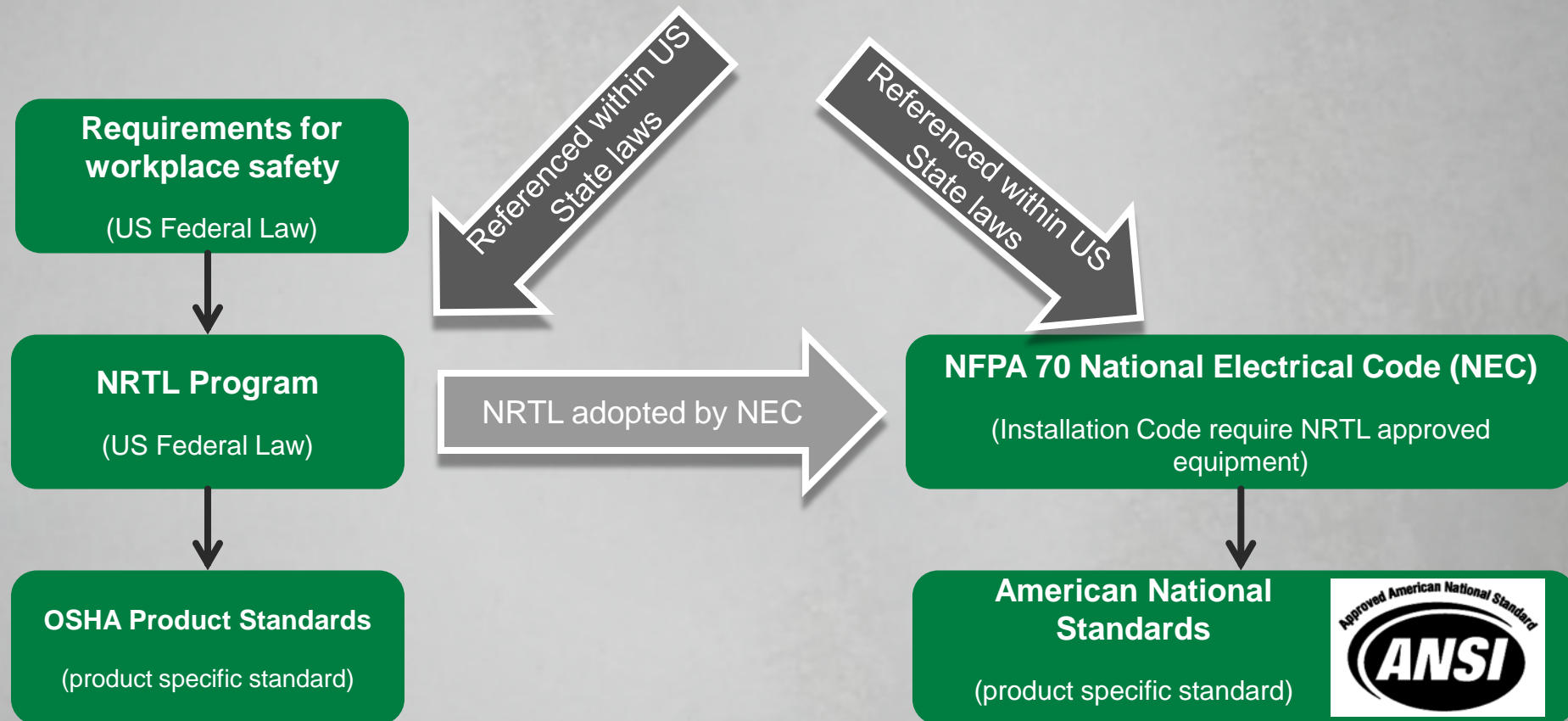
Need for safety mark

Canadian regulation



Need for safety mark

US regulation





Standards Council of Canada
Conseil canadien des normes

Scope of accreditations

Scope of accreditations

Services under Accreditation



FC 1234567890

FC 1234567890

FC 1234567890

Scope of accreditations

Services under Accreditation



Type 3

(Model
Certification with
factory
inspections)



Scope of accreditations

Services under Accreditation



Type 3

(Model
Certification with
factory
inspections)



Type 1b

(Field or Batch
Certification
without factory
inspections)



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FC 1234567890










FC 1234567890

Scope of accreditations

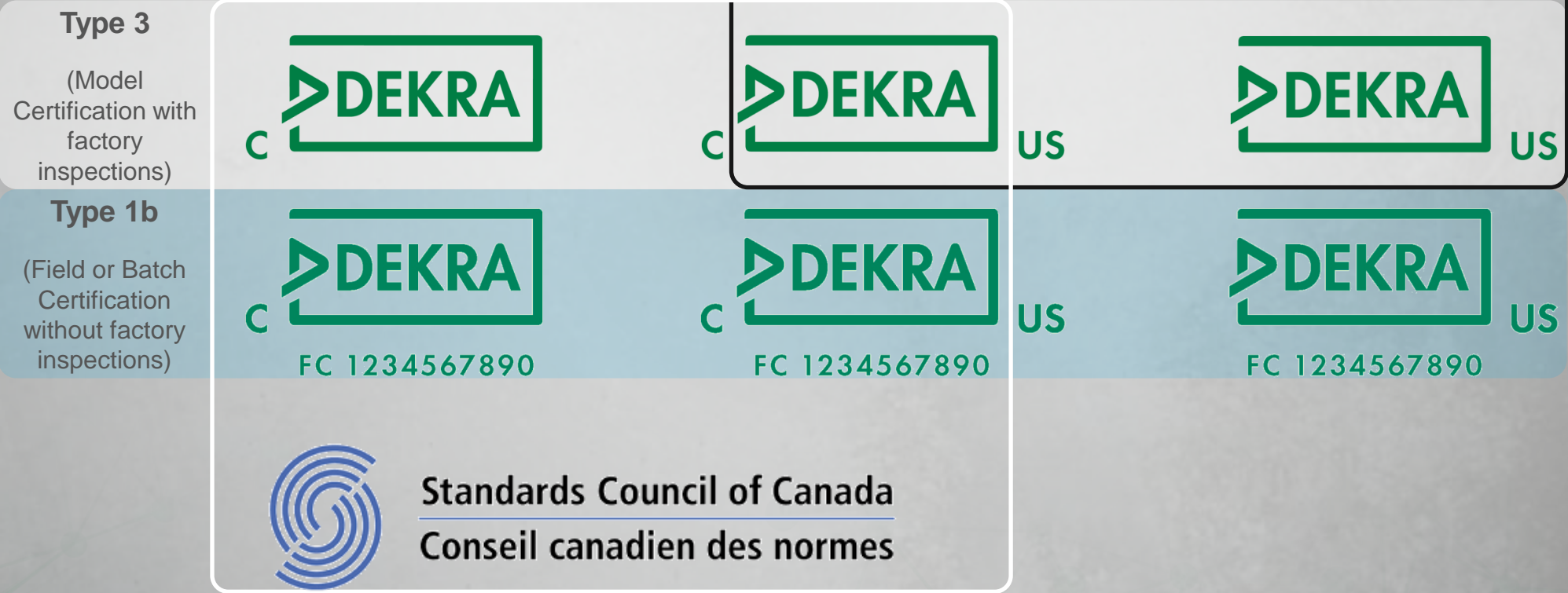
Services under Accreditation



Type 3 (Model Certification with factory inspections)			
Type 1b (Field or Batch Certification without factory inspections)	 FC 1234567890	 FC 1234567890	 FC 1234567890
	 <div>Standards Council of Canada Conseil canadien des normes</div>		

Scope of accreditations

Services under Accreditation



Short Question

Surveillance inspection



How many Surveillance visits (also know as: Follow-Up inspections or Factory Inspections) are required per year for products marked via model certification for US and Canadian markets?

4 visits or more

A

Always 4

B

Generally 4, but may vary between 2 and an undefined number

C

Freely negotiated with the NRTL /Certification Body

D

Surveillance inspection - answer

Correct Answer is „C – Generally 4, but may vary between 2 and an undefined number“



Reduction of inspections per year is possible under consideration of:

- Product group
- No counterfeiting within the region of manufacturing
- Stable production methods and low fail ratio
- Additional quality measures within the manufacturing locations

Increase of inspections per year is necessary in case of:

- Necessary witnessed routine testing (e.g. as specified by applied product standards or based on safety reasons)
- High ratio or products fail routine testing
- Extreme high volume of products produced (e.g. to mitigate the risks and extent during a recall)
- Unsteady Quality system
- Etc.

Scope of accreditations

Product Groups under Accreditation



IT/AV – LAB equipment

Lighting

Power supplies & battery
chargers

Explosion Safety &
Industrial Controls

Medical equipment

Household appliances &
Controls



Operational process

Operational process

General process of type 3 (model) certification



Operational process

Possibilities to work more efficient



Evaluation Process

- Tests
- Product description

- ✓ **Increase cost effectiveness by combining IEC and North American testing** by one combined scenario, rather than separate test programs
- ✓ Testing at **Client Test Facility, DEKRA laboratory or 3rd party laboratory**
- ✓ **Recognition of IECEE CB Reports or IECEx Reports** in case of harmonized standards
- ✓ **Simplified component acceptance**
- ✓ Maintain **established DEKRA contact** for all services
- ✓ Due to previous partner experience, **ease the transfer** from other Certification Bodies and NRTL's to **DEKRA**

Operational process

Possibilities to work more efficient



Review & Certification Process

- ✓ IEC and North American Certification Scheme Project work can be combined to **shorten the timeline** of the certification process
- ✓ **One certification database** to be used for retailers and end-customers
- ✓ **Direct access to technical decision makers** and close relation with **regulatories and authorities**

Operational process

Possibilities to work more efficient



In specific cases, **it's possible to waive the initial factory inspection**, as for instance when the manufacturing location or the equipment and personnel have been previously evaluated.

Initial factory inspection

Combination with factory inspections of other DEKRA services possible to **reduce the number of total visits** at your facilities.

This results in **reduction of total efforts**.

Surveillance factory inspection



Acceptance of marks

Acceptance of safety marks

Regulatory permission and local acceptance



- ✓ **Direct contact to regulatory bodies (OSHA and SCC)**
- ✓ **DEKRA is represented in Canadian and US Authority Meetings**
 - ACES – American Council for Electrical Safety
 - CACES – Canadian Advisory Council on Electrical Safety
- ✓ **Direct Contact to State or Provincial Authorities**
- ✓ **Global network with experts available to support local issues**
- ✓ **Local presence in the Canada and the US**

570
Employees



2

Countries

USA |
Canada

Services



Consulting



Vehicle Inspection



Audits



Product Testing



Claims & Expertise



Industrial Inspection

Acceptance of safety marks

Regulatory permission and local acceptance



Based on the **experience as working with different partners** (such as UL, CSA, MET, FM and QPS) **for testing and evaluation since mid 1950's**, we know about difficulties with Local Authorities having Jurisdiction (AjH's).

For this reason, we have contact to US Federal and State Authorities, as well as Canadian Provincial Authorities to **support the market access and acceptance**.

Local acceptance can be subject to local conditions, but also here **our Market Access Team can support**.

Acceptance of safety marks

Global Market Access



<https://www.dekra-product-safety.com/en/global-market-access/>



United States of America

The following information provides market access information for this country or area.

DEKRA Services

- Research local requirements
- Support with application for local certification
- Perform tests according to applicable standard
- Monitor maintenance and renewal process
- Issue CB Test Report & Certificate to expedite local certification
- DEKRA GMA office available

General

Plug types

Electrical Safety

EMC

Energy Efficiency

Wireless

Capital Washington D.C.

Continent North America



Canada

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Wrap up



DEKRA The right expertise with the better alternative



- DEKRA already for decades performs hundreds of North American testing projects annually
- Local service
- IECEE CB Scheme, efficient for tri-national standards
- Field Certification; tailored service, small production volume
- Working with your regular DEKRA contacts, maximizes convenience and efficiency

How to contact us?



- Through your local contact
- If not known to you:
 - For Northwest Europe: sales.nl@dekra.com
 - For Germany: products.de@dekra.com
 - For Italy: italy.certification@dekra.com
 - For rest of Europe: sales.nl@dekra.com
 - For North America: info.na@dekra.com
 - For East and South East Asia: info@dekra.com.cn

Our experts are available for you!

