NIST Conformity Assessment Guidance and Best Practices Workshop: Canada – México - USA

CAB’s and AB’s Supporting Regulated Product

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NYCE, SC
NYCE, what we do?

- **Standards development:**
  1. Development of our own NMX voluntary standards
  2. Participate in development of NOMs

- **Accreditation:**
  Be accredited to international guidelines

- **Certification body and Management Systems Registrar:**
  1. Certify NOM standards in accordance to government procedures

- **Test Laboratory:**
  Test to NMX standards that are referred in the NOM regulations.

- **Inspection body:**
  Inspect and make sure products are in compliance with relevant inspection requirements.
Sectors we cover

- Electrotechnical
- Textiles
- Energy Efficiency
- Food
- Gas and Oil
- Toys
- Personal Protective Equipment
- Automotive
- Hydraulic Systems
- Water
- Piping systems
- Steel
- Plastics
- Information Technology
- Systems
SISMENEC
A complex system

WTO/TBT
Legitimate goals to regulate safety and EE

Standardization

COI

NSP
SDO
TCs
RS
NMX
NOM
NRF
Standardization Committees

Public and Private Sectors
Technical Secretariat

NSC
TC-NSC
DGN

Accreditation and Conformity Assessment

EMA
CB
IB
TL
CL
Evaluation Committees

COI
Alternative Technologies
NQM
COFEMER

SE
SCT
SENER
SEDESOL
SEGOB
SSP
SE

SEMARNAT
SECTOR
SALUD
STPS
SAGARPA

SE
SCT
SENER
SEDESOL
SEGOB
SSP
SE

Official Marks
Requirements
A shared view

PRIVATE SECTOR
Productivity
Investment
Job creation, Efficiency, Quality Technology, Optimization

Innovation

Development

Confidence Building (credibility)

Regulation Compliance

GOVERNMENT
Competitiveness
Legal Certainty
Economic development, Safe and quality products, Infrastructure

Essential Goals

Safety, Energy and Environment
Metrology, Standardization, Accreditation and Conformity Assessment
One good example

Government Owned National Technical Regulation

Refers to NMX Voluntary Standard NMX-I-60065

Test to an international IEC Standard Adopted

Apply specific ISO CASCO requirements for certification

Mandated in customs and point of sell

NOM-001 Certified by NYCE

NOM

NMX
<table>
<thead>
<tr>
<th>WHO?</th>
<th>WHAT?</th>
</tr>
</thead>
<tbody>
<tr>
<td>NOM-001-SCFI</td>
<td>NOM technical regulation created by the government for AV</td>
</tr>
<tr>
<td>NMX-I-60065</td>
<td>NMX voluntary standard referred in NOM-001 created by SDO</td>
</tr>
<tr>
<td>Certification Schemes</td>
<td>ISO 17067 certification schemes approved</td>
</tr>
<tr>
<td>Accreditation</td>
<td>All actors must be accredited to ISO guidelines (17065, 17025)</td>
</tr>
<tr>
<td>Surveillance</td>
<td>In the market by the government, In warehouses by CB</td>
</tr>
</tbody>
</table>

SDoC is NOT allowed for any NOM regulation in place.
<table>
<thead>
<tr>
<th>Certification type</th>
<th>How it is conducted</th>
</tr>
</thead>
<tbody>
<tr>
<td>M1</td>
<td>Type Testing (valid for one year)</td>
</tr>
<tr>
<td>M2</td>
<td>Quality Certification (valid for 3 years)</td>
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<tr>
<td>M3</td>
<td>Letter of compliance (valid for 3 years)</td>
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<tr>
<td>M6</td>
<td>Batch certification</td>
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<tr>
<td>M7</td>
<td>Out of specifications</td>
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Application of Regulations using a Procedure for Conformity Assessment

TL, CB, IB
Good practices adopted by others

1. Central and South American countries will recognize NYCE certificates as good proof of compliance with their own regulations.
2. The Colombian government has requested several times to present on how we have adopted Energy Efficiency regulations to use a similar approach, with success in several areas (RETIQ).
3. Costa Rica and El Salvador recognize our certificates as proof of compliance with their Energy Regulations and have adopted the Regulations with no deviations.
Thank You
Gracias