

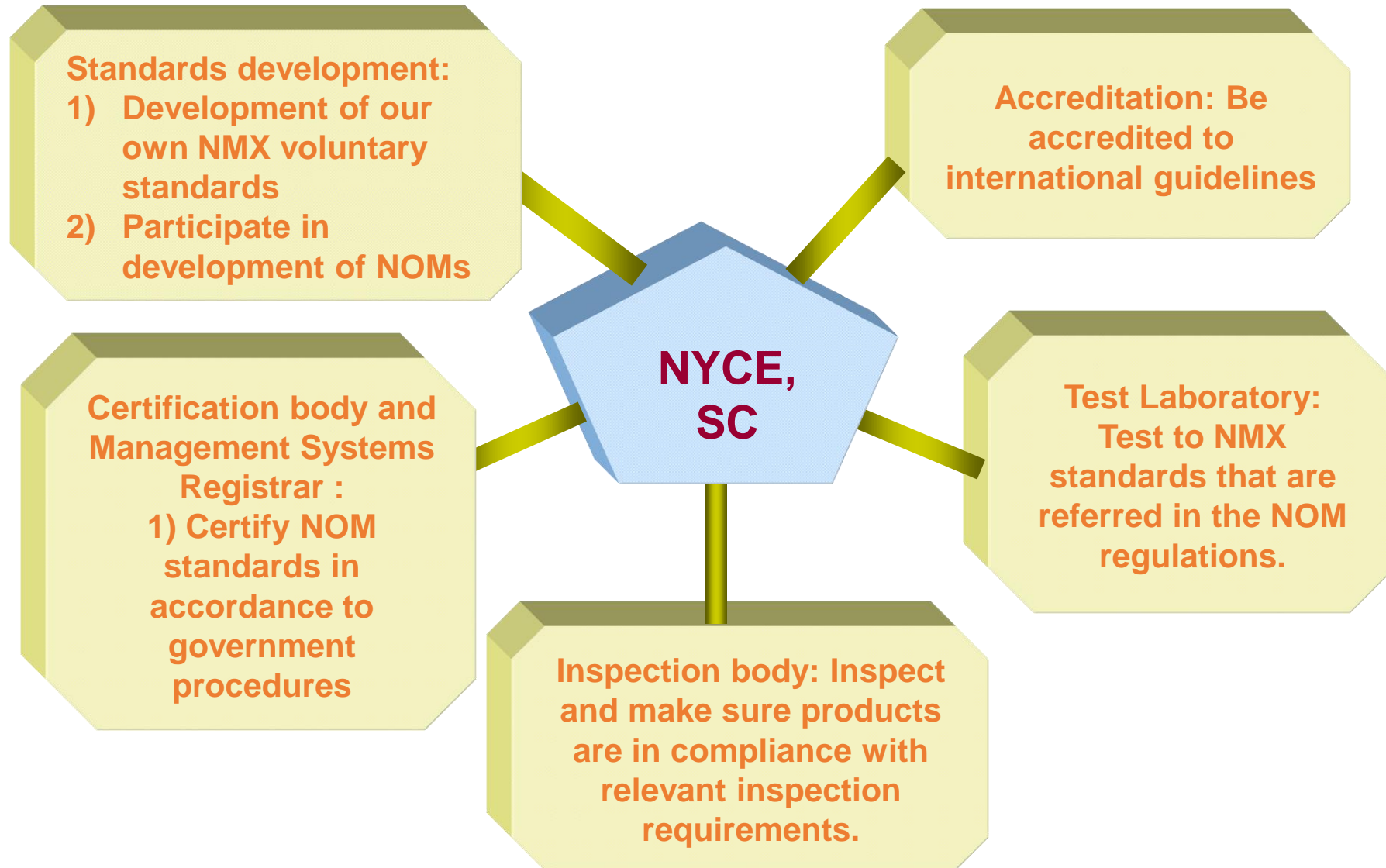
NIST Conformity Assessment Guidance and Best Practices Workshop: Canada – México - USA

CAB's and AB's Supporting Regulated Product



**Cesar E. Silva, PE, MBA, Cand PhD
NYCE, SC**

NYCE, what we do?



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

IS IO MRA

Legitimate goals to regulate safety and EE

Metrology

CENAM

Measurement Standards

COI

Standardization

NSP

SDO TCs RS
NMX NOM NRF

Standardization Committees

NSC

TC-NSC

Public and Private Sectors

Technical Secretariat

DGN

Accreditation and Conformity Assessment

Assessment

EMA

CB IB TL CL

Evaluation Committees

Alternative Technologies NQP NOM-EM Official Marks Requirements

SEMARNAT SECTUR SALUD STPS SAGARPA SE SCT SENER SEDESOL SEGOB SSP SEP

COFEMER



A shared view

PRIVATE SECTOR

Productivity

Investment

Job creation,
Efficiency, Quality
Technology,
Optimization

GOVERNMENT

Competitiveness

Legal Certainty

Economic development,
Safe and quality products,
Infrastructure

Innovation

Development

**Regulation
Compliance**

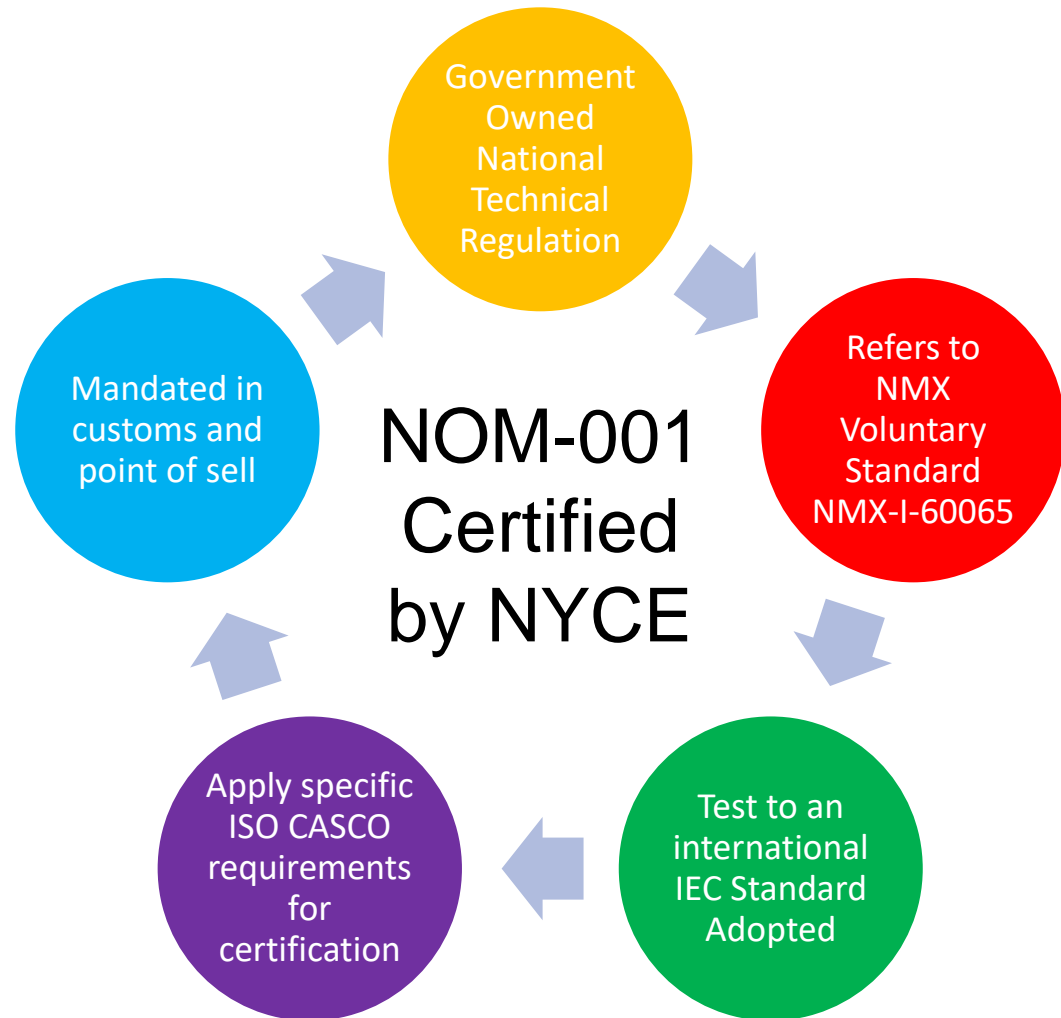
**Confidence
Building
(credibility)**

Essential Goals

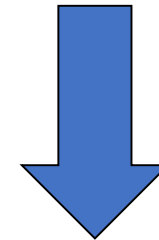
Safety, Energy and Environment

**Metrology, Standardization, Accreditation and
Conformity Assessment**

One good example



NOM



NMX

SDoC is NOT allowed for any NOM regulation in place.

ELMS

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

PPCA

Certification type	How it is conducted
M1	Type Testing (valid for one year)
M2	Quality Certification (valid for 3 years)
M3	Letter of compliance (valid for 3 years)
M6	Batch certification
M7	Out of specifications

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

