



# **Criteria for NIST Designation of US Third Party Testing Laboratories to Mexico under the US-Mexico Mutual Recognition Agreement**

*Issue Date: September 26, 2017 (Version 1.0)*

## **NOTICE**

**At the time of publication of Version 1.0 of this document, some designation requirements had not been fully confirmed. Additional requirements may apply.**

## Introduction

The *Mutual Recognition Agreement Between the Government of the United Mexican States and the Government of the United States of America for Conformity Assessment of Telecommunications Equipment* (US-Mexico Telecom MRA, MRA, or Agreement) was signed on May 26, 2011 and implemented by the US on September 26, 2017.

This Agreement provides for the mutual recognition of qualified testing laboratories (hereafter referred to as CABs – *conformity assessment bodies*) by the US and Mexican governments, and for the mutual acceptance of the results of testing undertaken by these CABs for specific technical regulations specified by each Party in the relevant MRA Annex I<sup>1</sup>.

Each MRA Partner’s regulatory scheme may differ in the requirements (1) for the types of telecommunication equipment that must be tested, (2) in the applicable technical regulations, test methods, and standards that must be applied, and (3) in any further certification and/or homologation that must be conducted before the equipment can be placed on the market. The activities related to product certification and homologation fall outside the scope of this US-Mexico Telecom MRA.

NIST is the US Designating Authority under the MRA. NIST reviews and processes and process requests from qualified third-party CABs for designation to Mexico’s telecom regulator, Instituto Federal de Telecomunicaciones (IFT). IFT makes the decision on recognition of US CABs.

A US third party CAB seeking designation by NIST and recognition by Mexico shall meet the requirements identified in this document.

To apply for designation, the US third party CAB shall submit the documentation and information listed in the Application Checklist located in Section 8.0 of this document to the NIST Telecom MRA Program Office via e-mail at [mra@nist.gov](mailto:mra@nist.gov).

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<sup>1</sup> Please refer to Section 6.1 of this document.

## 1.0 General Requirements for Designation

To be eligible for designation by NIST to Mexico for consideration as a recognized CAB for testing of telecommunications equipment to one or more of the technical regulations covered in Mexico's MRA Annex I, the following criteria shall be met by the CAB:

- 1.1 The CAB shall be a legally identifiable third-party test lab located in the US.

*Note: Mexico does not accept designations from first-party and second party testing laboratories. [MRA, Appendix B, II (2)]*

- 1.2 The CAB shall be ISO/IEC 17025 accredited by a US laboratory accreditation body (lab AB) that is NIST-Listed<sup>2</sup> as acceptable for use by US CABs for NIST MRA designations under the EMC/Telecom MRAs signed by the US.
- 1.3 The CAB's ISO/IEC 17025 Scope of Accreditation shall contain one or more of the NOMs (Official Mexican Standards) and IFT Technical Provisions covered in Mexico's MRA Annex I. The Scope of Accreditation format shall include all information noted in Section 2.0 of this document.
- 1.4 The CAB shall only subcontract testing covered under its scope of recognition to other third-party testing laboratories also recognized by IFT for the relevant NOMs and IFT Technical Provisions.
- 1.5 The CAB shall have sufficient technical knowledge of Mexico's relevant telecommunications laws and the technical regulations applicable to the scope of testing for which recognition from IFT is being sought.
- 1.6 The CAB is responsible for staying up-to-date with the relevant laws, technical regulations, procedures and rules of Mexico as these apply under the MRA.
- 1.7 The CAB shall have access to the applicable NOMs and IFT Technical Provisions in English or have the capability to accurately translate the technical requirements from Spanish to English.
- 1.8 The CAB shall renew recognition in accordance with instructions provided by NIST and in accordance with IFT requirements.

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<sup>2</sup> <https://www.nist.gov/standardsgov/accreditation-bodies-mras>

## 2.0 Scope of Accreditation Requirements – Content/Format

### 2.1 Content/Format

The Scope of Accreditation shall include the applicable NOMs and IFT Technical Provision as listed in the Mexico MRA Annex I.

For each NOM and/or IFT Technical Provision, the Scope of Accreditation shall reference the specific sections and subsections of the applicable test methods in the NOMs and IFT Technical Provisions that the CAB has been deemed competent to perform.

### 2.2 Example Format

Scope of Accreditation Example (*Based on MRA Annex I dated August 22, 2016*)

Type of Test	Standard and Test Method Sections/Sub-Sections
Radiated Emissions	NOM-084-SCT1-2002 Sections: 5.1, 5.2, 5.3, 5.4 & 5.5 (includes all subsections)
	NOM-088/2-SCT1-2002 Sections: 6.1, 6.2 ,6.3 & 6.4 (includes all subsections)
	IFT-008-2015 Sections: 5.1, 5.2, 5.3, 5.4, 5.5, 5.6 & 5.7 (includes all subsections except 5.3.4 and 5.3.5)
Conducted Emissions	IFT-008-2015 Subsections: 5.1.4.1, 5.2.1, 5.2.2.1, 5.2.3, 5.3.1.1, 5.3.1.2, 5.3.1.3, 5.3.1.4, 5.3.1.5, 5.3.3,5.4.1.M1, 5.4.1.M2, 5.4.2. A1-M1, 5.4.2. A2, 5.4.2. A2-M2, 5.4.2. A2-M3, 5.4.2. A2-M4,5.4.3, 5.5.1, 5.5.2, 5.6.1, 5.6.1.1, 5.6.1.2, 5.6.2
Interface to Public Networks for Terminal Equipment	IFT-004-2016, Subsections: 6.1.1, 6.1.2.2, 6.1.3.2, 6.1.3.3, 6.1.3.4, 6.1.4.2, 6.1.5, 6.1.6, 6.1.7, 6.1.8.2, 6.1.8.3, 6.1.8.4, 6.1.9, 6.1.10.1, 6.1.10.2, 6.1.11, 6.1.12.2.1

### **3.0 Validity of the Accreditation Period and Designation Period**

IFT requires that CABs be accredited for a two-year accreditation period. If a US CAB is accredited for a longer period of validity (as allowed by ISO/IEC 17011), the designation period may not exceed two years and must be updated at the end of that period.

### **4.0 Test Report Signatories Requirements**

When applying for designation to NIST, the CAB shall submit a list of competent test report signatories who have been approved by the NIST-Listed AB. The details for this list and its management are noted below.

- 4.1 For each NOM and IFT Technical Provision for which recognition is being sought, the CAB shall maintain a list of the qualified competent test report signatories that sign applicable test reports.
- 4.2 The CAB shall obtain written confirmation (in the form of a letter, for example) from the NIST-Listed AB that the signatories identified by the CAB are competent to sign the test reports.
- 4.3 The written confirmation shall identify the full name of each signatory, the effective date of AB approval, and the NOMs and IFT Technical Provisions applicable to that signatory.
- 4.4 The written confirmation of the competent signatories issued by the NIST-Listed AB shall be provided to NIST as part of the application process.
- 4.5 NIST will provide this information to IFT upon designation.

[IFT will provide the list to the relevant Mexican certification bodies (CB) that will be receiving test reports from recognized CABs. Test reports issued by the recognized CAB are accepted by the relevant Mexican CBs only if the test report signatory is on record with the Mexican CB.]

- 4.6 The CAB shall keep test report signatory information up-to-date with their AB and NIST. If there are changes to the list, the CAB shall provide NIST with an updated written confirmation from their AB.

## 5.0 Accreditation Body Assessment Documentation and Translation Requirements

In accordance with the text of the MRA, for initial designation, the CAB shall submit the following assessment documentation in English (original AB version) and translated into Spanish:

- 5.1 The AB issued ISO/IEC 17025 Assessment Report signed by the assigned Assessor
- 5.2 The AB issued ISO/IEC 17025 Assessment Deficiency Report
- 5.3 The CAB's written Corrective Action Responses (with objective evidence where applicable, and as approved by the AB) for all technical deficiencies related to the technical scope of competency for which recognition is being sought.
- 5.4 The CAB shall provide Corrective Action Response information related to other deficiencies noted in the AB issued Deficiency Report if so requested by IFT.

For subsequent renewals of IFT recognition, the AB assessment information is not currently required.

## 6.0 MRA Annex I and Standards/Technical Provisions

6.1 Mexico's Annex I is available on NIST's Mexico MRA Designation webpage:  
<https://www.nist.gov/standardsgov/us-mexico-mra>

6.2 The NOMS and IFT Technical Provisions can be obtained at the following webpages:

- Normas Oficiales Mexicanas (NOM)  
<http://www.economia-noms.gob.mx/noms/inicio.do>
- IFT Technical Provision  
<http://www.ift.org.mx/industria/politica-regulatoria/disposiciones-tecnicas>  
  
[NOM-084-SCT1-2002](#)  
[NOM 088/1-SCTI-2002](#)  
[NOM 088/2-SCTI-2002](#)  
  
[IFT-004-2016](#) and [NOM-EM-015](#)  
[IFT-005-2016](#) and [NOM-EM-017](#)  
[IFT-008-2015](#) and [NOM-EM-016](#)

## 7.0 IFT Resources

- IFT website  
<http://www.ift.org.mx/>
- IFT webpage to the Guidelines for Accreditation, Authorization, Designation and Recognition  
[http://www.ift.org.mx/industria/politica\\_regulatoria/laboratorios-de-prueba](http://www.ift.org.mx/industria/politica_regulatoria/laboratorios-de-prueba).
- Guidelines for Recognition of Third Party Testing Laboratories Designated by a Designating Authority of a Foreign Government (Canada or United States of America)  
<http://www.ift.org.mx/tramites/solicitud-de-reconocimiento-de-laboratorios-de-prueba-de-tercera-parte-designados-por-una-autoridad>
- List of Third Party Testing Laboratories Recognized by IFT:  
<http://www.ift.org.mx/industria/lista-de-laboratorios-de-prueba>
- IFT Conformity Assessment Overview for Telecommunications Equipment

IFT has provided diagrams illustrating how the MRA fits in to the broader conformity assessment system for telecommunications equipment in Mexico. The flow diagrams show the process for testing, certification, use of experts (Peritos), and homologation. The diagrams are posted on NIST's Mexico MRA Designation webpage: <https://www.nist.gov/standardsgov/us-mexico-mra>

## 8.0 US CAB Designation Application

To apply for designation, the CAB shall meet all requirements stated in this document and shall submit the following checklist along with the indicated documents/information to the NIST MRA Program Office at [mra@nist.gov](mailto:mra@nist.gov).

Application	CAB use
Copy of this Application Checklist	
Cover letter or e-mail that includes: organization name, web address, mailing address, physical address of laboratory, main phone number, and the CAB's primary and alternate contact information (name, title, email address and phone number) for that location	
Written confirmation letter signed by top management confirming that (1) the CAB is a third party independent testing laboratory and (2) the CAB shall only subcontract relevant testing covered under their IFT recognition to other third-party testing laboratories also recognized by IFT for the relevant NOMs and IFT Technical Provision. <i>Refer to Sections 1.1 and 1.4 of this document.</i>	
A copy of the ISO/IEC 17025 Scope of Accreditation and Certificate of Accreditation valid for at least six months with <ul style="list-style-type: none"> <li>- Relevant NOMs and IFT Technical Provisions per Annex I</li> <li>- All applicable sections and subsections</li> </ul> <i>Refer to Section 2.0 of this document.</i>	
Written confirmation letter from AB with approved signatories <i>Refer to Section 4.0 of this document.</i>	
The AB issued ISO/IEC 17025 Assessment Report in English and translated into Spanish <i>Refer to Section 5.1 of this document.</i>	
The AB issued ISO/IEC 17025 Assessment Deficiency Report in English and translated into Spanish <i>Refer to Section 5.2 of this document</i>	
The CAB's written Corrective Action Responses for relevant technical deficiencies in English and translated into Spanish <i>Refer to Section 5.3 of this document</i>	
Signed <a href="#">CAB Declaration Form</a>	

NAME OF CAB: \_\_\_\_\_

COMPLETED BY: \_\_\_\_\_

E-MAIL ADDRESS: \_\_\_\_\_



## 9.0 Document Control Information

Date	Description	Other Details
September 26, 2017	Version 1.0	<p>Initial version released.</p> <p><i>Note: NIST is awaiting final confirmation from Mexico on several elements of the Designation Criteria.</i></p> <p><i>CABs may apply using this version of the document and NIST will process the designation to Mexico. Additional requirements may apply.</i></p>

*For questions about the information contained in this document, please contact the NIST Telecom MRA Program Office via e-mail at [mra@nist.gov](mailto:mra@nist.gov).*