

Criteria for Designation of U.S. Conformity Assessment Bodies under the US-Israel Mutual Recognition Agreement

Issue Date: February 8, 2021 (Version 5.1)

Introduction

The *Mutual Recognition Agreement between the Government of the United States and the Government of the State of Israel for Conformity Assessment of Telecommunications Equipment* (US-Israel MRA) was signed on October 15, 2012 and entered into force on December 12, 2013.

The US-Israel MRA applies to the conformity assessment of telecommunications equipment that may be attached to a public telecommunications network and other equipment subject to telecommunications regulations, whether wire or wireless, and including terrestrial and satellite equipment.

Phase I of the US-Israel MRA provides for the mutual recognition of qualified testing laboratories termed here as Conformity Assessment Bodies (CABs) and mutual acceptance of the results of testing of equipment undertaken by recognized CABs.

Phase II, which covers the recognition of certification bodies, is not currently implemented.

A U.S. testing laboratory seeking designation by NIST and recognition by the State of Israel (Israel) shall meet the requirements identified in this document. CABs must submit the documentation and information listed in the Application Checklist (see Section 2.0). NIST, as the U.S. Designating Authority under the MRA, will review and process requests for designation.

The Ministry of Communication (MOC) and the Ministry of Economy (MOE) in Israel shall make the decision on recognition.

For questions about the information contained in this document, please contact the NIST MRA Team via e-mail at mra@nist.gov.



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1. Requirements for Designation

To be eligible for designation by NIST to Israel for consideration as a recognized testing laboratory for telecommunications equipment, the U.S. CAB shall meet the following requirements:

- 1.1 The CAB shall be a legally identifiable entity located in the U.S.
- 1.2 The CAB shall be ISO/IEC 17025 accredited by a U.S. laboratory accreditation body that is [listed by NIST](#)¹ as acceptable for use for the purpose of the NIST MRA designations under various EMC/Telecom MRAs.
- 1.3 The CAB shall meet all testing laboratory requirements described in the [FCC Accredited Testing Laboratory Program Roles and Responsibilities](#)² document and shall be recognized by the U.S. Federal Communication Commission (FCC) as an Accredited Laboratory.
- 1.4 The CAB shall have expert knowledge of Israel's applicable laws, technical regulations and administrative requirements relevant to the testing of telecommunications equipment covered under the scope of the US-Israel MRA. Refer to US-Israel MRA, Appendix A.I for further information.
- 1.5 Israel has provided information on applicable test methods, procedures and rules. This information is included in Section 3 below. The CAB shall be ISO/IEC 17025 accredited for one or more of the test methods listed in Sections 3.1, 3.2 and 3.3. **If the CAB is seeking recognition for an equivalent test method listed in Section 3, the CAB's ISO/IEC 17025 Scope of Accreditation must include the full citation, including the edition number and date information.**
- 1.6 The CAB is responsible for staying up-to-date with the applicable test methods, procedures and rules of Israel as these apply to the scope of the MRA. The CAB shall have a policy and procedure that describes how the CAB stays up-to-date.

IMPORTANT NOTICE

CABs will be designated on the basis of (1) FCC recognition and (2) maintaining an ISO/IEC 17025 Scope of Accreditation containing one or more relevant test methods identified in Sections 3.1, 3.2, and 3.3 of this document.

¹ <https://www.nist.gov/standardsgov/accreditation-bodies-mras>

² <https://apps.fcc.gov/oetcf/kdb/forms/FTSSearchResultPage.cfm?switch=P&id=44684>

2. Application Checklist

To apply for designation, the CAB shall submit the following documents/information to the NIST MRA Program Office at mra@nist.gov.

CAB use	Application Checklist	NIST use
	Copy of this Application Checklist.	
	Cover letter that includes the following information: organization name, web address, mailing address, physical address of laboratory, main phone number, and the CAB's primary and alternate contact information (including name, title, email address and phone number) for that location.	
	Documentation of FCC Recognition as an Accredited Laboratory.	
	A copy of the ISO/IEC 17025 Scope and Certificate of Accreditation valid for at least six more months.	
	The Scope of Accreditation must include one or more of the test methods identified in Sections 3. (For equivalent test methods listed in Section 3, the Scope must include the full citation, including the test method's edition number and the date information.) NIST will designate the CAB for the relevant test methods.	
	A copy of the CAB's written policy and procedures for staying up-to-date with telecommunications equipment testing requirements for Israel.	
	Signed CAB Declaration Form	

NAME OF CAB: _____

COMPLETED BY: _____

E-MAIL ADDRESS: _____

3. Guidance on Applicable Test Methods, Procedures and Rules

(This information has been provided by Israel.)

3.1 Part I: EMC/Safety

a. SI 62368 Part 1

SI 62368 Part I (November 2018) is available on request from mra@nist.gov. This Israeli standard is the national adoption of IEC 62368, Part I, Edition 2.0: 2014-02 with national deviations (modifications and additions).

Equivalent: IEC 62368 Part 1, Edition 2.0: 2014-02

[If the CAB is accredited to the equivalent standard, the recognition will state: "IEC 62368 Part 1 (equivalent to SI 62368 Part I, does not include Israeli national deviations.)"]

Important Note: On March 11, 2019 Israeli Standard SI 62368 Part 1 replaced SI 60065 and SI 60950 Part 1. SI 62368 Part 1 is an adoption of IEC 62368-1 - Edition 2.0: 2014-02. As of December 20, 2020, only SI 62368 Part 1 and its equivalent as noted above (IEC 62368 Part 1, Edition 2.0: 2014-02) are valid.

b. SI 961 Part 32

Equivalent: CISPR 32 : 2015 (Edition 2.0)

[If the CAB is accredited to the equivalent standard, the recognition will state: "CISPR 32 (equivalent to SI 961 Part 32, does not include Israeli national deviations.)"]

c. SI 961 Part 24

Equivalent: CISPR 24, Edition 2.1:2015-04

[If the CAB is accredited to the equivalent standard, the recognition will state: "CISPR 24, Edition 2.1:2015-04 (equivalent to SI 961 Part 24)."]

3.2 Part II: Wireline Equipment

PSTN, ISDN BRI and ISDN PRI, DSL - *Ministry of Communications Specification: Communications Order (Telecommunications and Broadcasting) - Exemption from a Type Permit for End User Equipment, 2014*

Type approval is required for all types of wireline communication equipment connected to a public communications network, except those detailed in the

Communications Order (Telecommunications and Broadcasting) - Exemption from a Type Permit for End User Equipment, 2014.

- Reference documents:
Communications Law (Telecommunications and Broadcasting)
https://www.nevo.co.il/law_html/Law01/032_002.htm

Communications Order (Telecommunications and Broadcasting) - Exemption from Type Permit for End Equipment
https://www.nevo.co.il/law_html/Law01/501_097.htm
- Link to MOC website:
https://www.gov.il/en/departments/ministry_of_communications

3.3 Part III: Wireless Equipment

- a. Wireless Telegraph Ordinance (Ordinance Non-application Directive), 1982
<https://www.nevo.co.il/Handlers/LawOpenDoc.ashx?id=72126> ;
https://www.nevo.co.il/law_word/law06/tak-8462.pdf
- b. Frequencies for GSM, UMTS and LTE networks
https://www.nevo.co.il/law_word/law10/yalkut-7616.pdf#xml=http://www.nevo.co.il/Handlers/Highlighter/PdfHighlighter.ashx?index=0&type=Main

(Note: English translation of 3.3.a (first link) is available from NIST upon request.)

3.4 Part IV: Type Approval – Licensed Frequencies

Type approval is required for all types of equipment operating at frequencies that do not meet the terms detailed in the Wireless Telegraph Ordinance (Ordinance Non-application Directive), 1982

4. Additional References

For information on mandatory Israeli Standards published by decree, see:
<http://www.economy.gov.il/English/Industry/Standardization/Pages/OfficialStandardsApp.aspx>

For standardization information in Israel, see:
<http://www.economy.gov.il/English/Industry/Standardization/Pages/PolicyInIsrael.aspx>

For the list of US test labs recognized under the US-Israel Telecom MRA, see Annex IV:
https://www.gov.il/en/Departments/Guides/standardization_international_activity?chapterIndex=4

Annex I: Document Control Information

Date	Description	Other Details
February 7, 2014	Version 1.0	First version released to stakeholders for implementation
March 24, 2015	Version 2.0	<p>Document updated per Israel letter dated 01/25/2015.</p> <p>Introduction – updated MOITAL to Ministry of Economy.</p> <p>Important Notice – removed statement that no scope of designation is required.</p> <p>Important Notice - specified that relevant test methods for designation are listed in Sections 3.1, 3.2, and 3.3.</p> <p>Application Checklist – added statement that NIST will designate for relevant test methods.</p> <p>Section 3.1 – added alternative test methods.</p> <p>Section 3.1 – removed FCC Part 15.</p> <p>Section 3.2c – corrected reference for ANSI T1.413i2.</p> <p>Section 3.3 a – updated link.</p> <p>Section 3.4 Land Mobile Cellular – deleted (b) GSM 1800 and (c) UMTS 2100 information.</p> <p>Other minor edits as highlighted.</p>
July 22, 2015	Version 2.1	Section 3.3.a, per Israel MOE, modified year (from 1984 to 1982) on Wireless Telegraph Ordinance (Ordinance Non-application Directive), 1982

February 27, 2018	Version 3.0	<p>Document updated per Israel e-mail dated 2/19/2018.</p> <p>Section 3.1 a – updated version of IEC 60950-1 added</p> <p>Section 3.1 b – deleted SI 961 Part 6.1 and added SI 961 Part 32</p> <p>Updated links to the NIST website</p>
September 18, 2019	Version 4.0	<p>Document updated based on edits provided by Israel on 08/19/2019 and where information is no longer up-to-date. Out of date information has been deleted and newly added text and/or links have been highlighted in yellow.</p> <p>Section 3.1 (a, b, c) – added “equivalent” before the equivalent standards and clarified how the recognitions will be cited if equivalent standards are the ones recognized.</p> <p>Section 3.1 a – removed Amendment 2 from the equivalent standard IEC 60950-1 and added Important Note regarding replacement of SI 60950 Part I after December 20, 2020.</p> <p>Section 3.1 b - SI 961 Part 32 – deleted the entries “Before May 5, 2018” and “After May 5, 2018.”</p> <p>Section 3.2 – replaced with new text and added new links to the MOC website, the Communications Law and the Communications Order.</p> <p>Section 3.3 a – added new link</p> <p>Section 3.3 b – added new link and added LTE to title</p> <p>Section 3.4 – added new opening statement and deleted the rest of text. including</p>

		<p>Tables 1 and 2, the license exempt frequency information section (3.5), and the footnote 3.</p> <p>Section 4 – added new links to existing entries and added a link to the list of US labs recognized by Israel.</p>
January 8, 2021	Version 5.0	<p>Section 1.5 and Section 2 – added statement that the Scope of Accreditation must include the full citation of the equivalent standard listed in Section 3.</p> <p>Section 3.1 a – removed SI 60950 Part I (and equivalent: IEC 60950-1 – Edition 2.2:2013-05); newly added SI 62368 Part (and equivalent: IEC 62368 Part 1, Edition 2.0: 2014-02); modified the note.</p> <p>Section 3.1 b – removed “2015” from the italicized statement about recognition for the equivalent standard and added “2015” to the equivalent standard reference.</p> <p>Section 3.1 c – Removed SI 961 Part 6.2 (and equivalent CISPR 24: Edition 2.0: 2010-08); newly added SI 961 Part 24 (and equivalent CISPR 24: Edition 2.1:2015-04)</p>
February 8, 2021	Version 5.1	<p>Section 3.1 a - Noted availability of SI 62368 Part 1</p> <p>Section 3.3 a - Added link.</p>