NVLAP®

C63 SC6

October 8, 2025

National Voluntary Laboratory Accreditation Program

Overview

- Number of organizations accredited to C63 standards
- Top nonconforming issues to C63 standards
- Top nonconforming issues to accreditation standards and AB requirements
- Summary of AB Accreditation Schemes using C63 standards (i.e., 17025, 17065, etc.) and associated programs (FDA, FCC, ISED, etc.)

Number of organizations accredited to C63 standards

Standard	October 2025	May 2025
ANSI C63.4 (2014)	57 labs	61 labs
ANSI C63.10 (2013)	34 labs	39 labs
ANSI C63.10 (2020)	23 labs	18 labs
ANSI C63.17 (2013)	12 labs	14 labs
ANSI C63.19 (2011)	1 lab	1 lab
ANSI C63.26 (2015)	23 labs	28 labs
Total Labs	58 labs	

Top Non-conformities to C63 Standards

1. ANSI C63.4-2014, clause 8.3.1.1.c:

For tabletop systems, cables or wires not bundled in the initial setup shall be manipulated within the range of likely arrangements.

2. ANSI C63.4, clause 4.2.4.1:

Unless otherwise specified, EMI receivers or spectrum analyzers shall have the detector functions and bandwidths specified in either ANSI C63.2 or CISPR 16-1-1:2010-11 for frequencies up to and including 18 GHz; above 18 GHz, the detector functions and bandwidths specified in ANSI C63.2 shall be used

3. ANSI C63.4-2014, clause 5.2.4.2: The site reference ground plane is the ground reference for the LISN. The bond used shall have a dc resistance of less than or equal to 2.5 mOhm.

Top Non-Conformities to 17025

1. Measurement Uncertainty (7.6.1)
2. Ensuring the validity of results (7.7)
3. Equipment Records (6.4.13)
4. Missing procedures and/or records (6.2.5)
   - Determining the competence requirements
   - Selection of personnel
   - Training of personnel
   - Supervision personnel
   - Authorization of personnel
   - Monitoring competence of personnel
5. Common Requirements for Reporting (7.8.2)

Summary of Accreditation Schemes

	October 2024	May 2025	October 2025
ISO 17025 – ECT Program	87	84	79
ASCA	8	6	6
ISED	36	35	30
FCC	47	47	44

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