

	DEPARTMENT OF COMMERCE National Institute of Standards and Technology National Voluntary Laboratory Accreditation Program	ISSUE DATE: April 25, 2013
	LAB BULLETIN	NUMBER: LB-73-2013 LAP: Electromagnetic Compatibility & Telecommunications (ECT)
SUBJECT: Release of NIST Handbook 150-11, 2013 Edition		

NIST Handbook 150-11, which presents the technical requirements and guidance for the accreditation of laboratories under the NVLAP Electromagnetic Compatibility and Telecommunications (ECT) program, has been revised, along with the corresponding NIST Handbook 150-11 checklist. The new edition was revised with the participation of technical experts in the field of electromagnetic compatibility and telecommunications testing and supersedes and replaces all previous editions.

The following is a summary of the revisions contained in the 2013 edition:

- Section 1.3 (Program description) has been modified to update the test areas included in the ECT program;
- Section 1.4 (References) and Section 1.5 (Terms and definitions) have been updated;
- Section 3.3.2 (Typical on-site assessment) has been revised to reduce redundancy with NIST Handbook 150;
- Section 3.3.4 (Demonstrations) has been updated to clarify Test Site validation;
- Section 4.2 (Management system) has been revised to reduce redundancy with NIST Handbook 150;
- Section 4.15 (Management reviews) has been updated;
- Section 5.2 (Personnel) has been revised to remove the interval requirement related to the evaluation of staff performance;
- Section 5.3 (Accommodation and environmental conditions) has been updated to clarify the test site requirements and include provisions for the Connection of Terminal Equipment;
- Section 5.4 (Test methods and method validation) has been updated to clarify the measurement uncertainty requirements;
- Section 5.5 (Equipment) has been updated to clarify the requirements for equipment producing transient waveforms;
- Section 5.6 (Measurement traceability) has been updated;
- Section 5.9 (Assuring the quality of test results) has been expanded to address the planning and frequency of the quality control activities;
- Annex A (Information about selected ECT standards) has consolidated Table 1, Table 2 and Table 3 into a single table.

This bulletin has been posted to the NVLAP Program-Specific Handbooks and Lab Bulletins page of the NVLAP website: <http://www.nist.gov/nvlap>. Questions concerning the requirements for accreditation should be directed to Beth Hackett, phone: 301-975-6113, e-mail: bethany.hackett@nist.gov; or Brad Moore, phone: 301-975-5740, e-mail: brad.moore@nist.gov.