

	DEPARTMENT OF COMMERCE National Institute of Standards and Technology National Voluntary Laboratory Accreditation Program	ISSUE DATE: May 4, 2022
	LAB BULLETIN	NUMBER: LB-145-2022 LAP: Radiation Detection Instruments
SUBJECT: Release of NIST Handbook 150-23, 2022 Edition		

NIST Handbook 150-23, which presents the technical requirements and guidance for the accreditation of laboratories under the NVLAP Radiation Detection Instruments testing program, has been revised, along with the corresponding NIST Handbook 150-23 checklist. The handbook was revised with participation from experts in the field of testing radiation detection instruments.

The following main changes have been made to this handbook with respect to the previous edition:

- the numbering has been updated to reflect that used by ISO/IEC 17025:2017, *General requirements for the competence of testing and calibration laboratories*;
- included reference to the IEC standards used for detection of illicit trafficking of radioactive materials.

The 2022 edition of NIST Handbook 150-23 supersedes and replaces the 2010 edition. It is available for downloading (PDF format) from the NVLAP website <<http://www.nist.gov/nvlap>> under NVLAP Program-Specific Handbooks. The corresponding NIST Handbook 150-23 Checklist has also been updated and posted on the NVLAP website under NVLAP Publications and Forms.

Questions concerning the revised handbook or requirements for accreditation should be directed to Brad Moore at 301-975-5740 or brad.moore@nist.gov.