

	DEPARTMENT OF COMMERCE National Institute of Standards and Technology National Voluntary Laboratory Accreditation Program	ISSUE DATE: January 7, 2011
	LAB BULLETIN	NUMBER: LB-54-2011
		LAP: Energy Efficient Lighting Products
SUBJECT: Release of NIST Handbook 150-1, 2010 Edition and NIST Handbook 150-1 Checklist, 2010 Edition		

NIST Handbook 150-1, which presents the technical requirements and guidance for the accreditation of laboratories under the NVLAP Energy Efficient Lighting Products (EEL) program, has been revised along with the corresponding NIST Handbook 150-1 Checklist. The purpose of the revision is to incorporate the requirements of solid state lighting into the handbook, thereby eliminating the number of program-specific documents used in the EEL program, and to eliminate redundancies. The new handbook is an outcome of the EEL assessor workshop held in January 2010 for the purpose of reviewing the program documents and consolidating the previous editions of NIST Handbooks 150-1 and 150-1A (solid state lighting).

The following is a summary of the major revisions contained in the 2010 edition as compared to the 2008 edition.

- Sections 1.4 (References) and 1.5 (Terms and definitions) have been updated;
- Section 3.4 now includes proficiency testing requirements for applicant labs;
- Redundant requirements have been removed from section 4.2;
- Section 4.6 now contains no additional requirements;
- Redundant requirements have been removed from section 4.13;
- Section 4.14.1 has been revised to require that internal audits be completed at an interval no greater than two years;
- Section 4.15.1 has been revised to require that management reviews be completed, at a minimum, on an annual basis;
- Redundant requirements have been removed from section 5.2.4, and section 5.2.5 has been removed;
- Section 5.3.1 has been removed and replaced with the previous 5.3.2. A new section 5.3.2 has been added, which contains requirements that were previously in the checklist;
- Section 5.4.1 has been expanded and contains additional requirements;
- Section 5.5 has been expanded and contains additional requirements;
- Section 5.6 has been revised;

- Section 5.7 has been revised;
- Section 5.9 now contains additional requirements;
- Section 5.10.2.3 has been removed;
- Section 6 has been removed.

This is only a summary of the major revisions. Laboratories are responsible for reviewing the entire document and implementing all requirements.

The 2010 edition of NIST Handbook 150-1 supersedes and replaces both the 2008 edition of NIST Handbook 150-1 and the 2009 edition of NIST Handbook 150-1A. **Assessors will start to assess its implementation immediately.** It is available for downloading (PDF format) from the NVLAP website at: <http://www.nist.gov/pml/nvlap/upload/NIST_Handbook_150-1-2010-December.pdf>. The corresponding checklist is available for downloading (PDF and Word format) from the NVLAP website at: <<http://www.nist.gov/pml/nvlap/nvlap-checklists.cfm>>. If you would like either document sent to you as an e-mail attachment, please contact NVLAP. A hard copy of the revised documents will not be issued.

Questions concerning the revised handbook or requirements for accreditation should be directed to Timothy Rasinski at 301-975-6697 or <timothy.rasinski@nist.gov>.