

	DEPARTMENT OF COMMERCE National Institute of Standards and Technology National Voluntary Laboratory Accreditation Program	ISSUE DATE: September 22, 2008
	LAB BULLETIN	NUMBER: LB-35-2008
		LAP: Energy Efficient Lighting Products
SUBJECT: Release of NIST Handbook 150-1, 2008 Edition		

NIST Handbook 150-1, which presents the technical requirements and guidance for the accreditation of laboratories under the NVLAP Energy Efficient Lighting Products program, has been revised. The new edition incorporates changes resulting from the release of NIST Handbook 150:2006, *NVLAP Procedures and General Requirements*, and was revised with the participation of technical experts in the field of testing energy efficient lighting products. Several changes have been made with respect to the previous edition.

A cross-reference document is now required to be furnished to the assessor for review prior to an on-site assessment. The cross-reference document shall verify that all requirements of NIST Handbook 150-1 and clauses 4 and 5 and annexes A and B of NIST Handbook 150 are addressed and their locations clearly identified in the management system documentation. The cross-reference document requirement can be satisfied in a number of ways. One way is to number and organize the management system documentation to be the same as the NIST Handbook 150 Checklist; however, other methods may be accepted. Any laboratory having an on-site scheduled after March 1, 2009, must furnish its completed cross-reference document to the assessor for review at least four weeks prior to the scheduled on-site visit date.

Other changes to the previous edition of the handbook include the following:

- references to applicable standards and guidance documents have been updated;
- on-site assessment checklists are no longer included in order that they may be provided as separate documents, which may be updated at different intervals than the handbook;
- the body of the handbook has been restructured to conform with internationally accepted rules for the structure and drafting of standards, where appropriate, to promote ease of use and understanding;
- updated federal regulations and information on the voluntary ENERGY STAR program have been included.

The 2008 edition of NIST Handbook 150-1 supersedes and replaces the 1994 edition. It is available for downloading (PDF format) from the NVLAP web site at: http://ts.nist.gov/Standards/Accreditation/upload/NIST_HB_150_1_2008.pdf. If you do not have Internet access, please contact NVLAP and specify whether you would like a paper copy of the handbook mailed to you or a PDF version e-mailed to you.

Note that Clause 6, titled “Additional Requirements” in NIST Handbook 150-1 should read: “The EEL Program-Specific Checklist contains additional requirements related to sample preparation and identification, environmental conditions, calibration of standards, test report and data recording requirements, test equipment and circuitry requirements, absorption corrections, and instrument electrical loss adjustments.”

Questions concerning the revised handbook or requirements for accreditation should be directed to Jon Crickenberger at 301-975-5305, or jon.crickenberger@nist.gov.