NVLAP®	**DEPARTMENT OF COMMERCE** National Institute of Standards and Technology National Voluntary Laboratory Accreditation Program	**ISSUE DATE:** December 19, 2013
	LAB BULLETIN	**NUMBER:** LB-80-2013
		LAP: Energy Efficient Lighting Products
SUBJECT: Addition of Energy Star Required Test Methods to Scopes of Accreditation		

The purpose of this bulletin is to publish requirements for the addition of test methods to scopes of accreditation to meet the requirements of the ENERGY STAR® Guide to EPA Laboratory Recognition by Lighting Category, December 9, 2013 revision.

Submission Requirements

A laboratory seeking to add testing to its scope of accreditation must submit a completed Test Method Selection List, indicating the test methods to be added, to the Energy Efficient Lighting Products (EEL) program manager.

http://www.nist.gov/nvlap/upload/EEL-Application.pdf

Along with the list, the laboratory must submit supporting information as indicated below:

- A laboratory with 22/L11, EPA CFL v. 4.2 (App. B) - ENERGY STAR® Reflector CFL Elevated Temperature Test Procedure, and/or 22/L11a, EPA CFL v. 4.3 (Annex A) - ENERGY STAR® Reflector CFL Elevated Temperature Test Procedure, on its current scope may add 22/L12, EPA Lamps v. 1.0 - Ambient Temperature Life Testing, and/or 22/L13, EPA Lamps v. 1.0 - Elevated Temperature Life Testing, with no additional documentation required.

- A laboratory with 22/S14, EPA Integral LED Lamps v. 1.4 (App. E) - ENERGY STAR® Elevated Temperature Testing for Integral LED Lamps, on its current scope may add 22/S18, EPA Lamps v. 1.0 - Ambient Temperature Life Testing, and/or 22/S19, EPA Lamps v. 1.0 - Elevated Temperature Life Testing, with no additional documentation required.

- To add 22/P15 and/or 22/S20, EPA Lamps v. 1.0 - Elevated Temperature Light Output Ratio, please submit the following:

    1. a photo or description of the equipment used;
    2. the calibration certificate of the temperature meter(s) used;
    3. a copy of the procedure;
    4. an example of a test report or the calculation used to determine the ratio %.

- To add 22/P16 and/or 22/S21, EPA Lamps v. 1.0 - Start Time, please submit the following:

    1. a list of all equipment used;
    2. a copy of an oscillograph or photo showing the application of the voltage and the trace of the light output signal and a description of how start time is determined;
    3. the calibration certificate for the oscilloscope;
    4. a copy of the procedure.

- To add 22/P17, EPA Lamps v. 1.0, Run-Up Time, please submit the following:

    1. a list of all equipment used;
    2. a copy of the procedure (the key is control of lamp-off time);
    3. an example of a test report or the calculation used to determine run-up time.

- To add 22/E30 and/or 22/S24, ANSI C62.41.2:2002 - IEEE Recommended Practice on Characterization of Surges in Low-Voltage (1000 V and Less) AC Power Circuits, please submit the following:

    1. a copy of the cover page of the standard;
    2. the calibration certificate of the pulse generator;
    3. a photo or screen shot of the pulse parameters or an oscilloscope trace of the pulse;
    4. training records;
    5. a plan on how surge testing is to be covered by NIST Handbook 150, Section 5.9;
    6. an example of a test report.

- To add 22/C06, ANSI C78.376:2001 - Electric Lamps - Specification for the Chromaticity of Fluorescent Lamps, please submit a copy of the cover page of the standard.

- To add 22/S23, ANSI C78.377:2011 - Specifications for the Chromaticity of Solid State Lighting Products, please submit a copy of the cover page of the standard.

The request and supporting documentation will be forwarded to the laboratory's previous NVLAP assessor for review.

If you have any questions, please contact the EEL program manager at timothy.rasinski@nist.gov or 301-975-6697.