ACIL CAS Meeting
IEEE EMC Symposium, Long Beach CA
August 2011

National Voluntary Laboratory Accreditation Program
ECT Program Overview

- ~200 testing labs accredited or undergoing initial accreditation
- ~50% of accredited labs domestic
- ~50% of accredited labs international (ROK, Japan, Taiwan, China, Canada)
- 10 Active Assessors (Evaluated on-site every 3yrs)
ECT Scope
(expected changes to take place)

- Emissions (EMIS)
- Immunity (IMMUN)
- RADIO (RADIO)
- Telecom (TTM)
- Product Safety (PS)
- RF Exposure (RFEXP)
- Military (MIL-STD)
- Energy Star (ENERGY)

*Test Method Selection List located under “Print Application Forms” on www.nist.gov/nvlap. (excel spreadsheet)
NVLAP Document Revisions

- **NIST HANBOOK 150-11: ECT Program Requirements (DRAFT available for review)**
  - Revised to align with NIST HB150
  - Update terminology & remove redundancy
  - Provide additional program interpretations

- **NIST 150-11 Checklist (Assessor Use)**
  - Revised to align with NIST HB 150-11

- **Scope Expansion Request Form**
ECT Program Updates

- Assessor Telecoms (every two months)
  - Continuous training
  - Updates
  - Open discussions
  - Interpretation
  - Etc.
Scope – Identification of Site-Specific Location

- Accreditation is site-specific

- Pertains to when a piece of equipment, such as a chamber or OATS, and associated support equipment, are located away from the main lab.

- Aligns NVLAP with ISO/IEC 17011 and FCC accreditation requirements.

- Listed as a Test Method Code on the scope under heading “SITE SPECIFIC”

12/100xxx: OATS Facility located at 8962 Light Street, Greenville SC, 29616
Project underway to remove test codes from the Scope of Accreditation.

- Scopes will identify test standard names, editions, dates and description.
- Laboratory scope revision requests to be handled in the same manner.
NVLAP is an EPA - Recognized Accreditation Body for Energy Star


- Currently 10 testing laboratories have received accreditation.

• V-3/2011.04 Normative Annex 1 Technical Requirements

• NVLAP can submit the registration documents to VCCI on behalf of the laboratory.
  (http://ts.nist.gov/Standards/Accreditation/upload/NVLAP-VCCI-Registration-Form.pdf)

• Labs are required to submit forms 201, 202A (conducted at mains ports), 202B (conducted at telecom ports), 201G (above 1GHz) based on testing performed. These documents are available on the “Members” page of the VCCI website, and require a member password.
Assessor Training Workshop

Sunday, August 14 at the 2011 IEEE EMC Symposium, Long Beach, CA

- One-day training session on the introduction and updates of new ANSI and CISPR stds;
Contact Information

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