



ENERGY STAR Webinar for EPA-recognized Certification Bodies

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Agenda



- Updates
- Verification Testing Process Overview
- “Lessons Learned” from 2012
- CB Data Quality
- Transition to 17065
- Questions

Updates



- Currently 23 EPA-recognized CBs.
- 2011 and 2012 Verification Testing Summary available at www.energystar.gov/integrity.
- Completed transition to XML-based Qualified Product Exchange (QPX).
- Three new product categories for ENERGY STAR since 3PC: Uninterruptible Power Supplies, Pool Pumps, Commercial Water Heaters.

Verification Testing Process

Directive 2011-06

1. Product Selection
2. Obtaining Units
3. Reporting

April 1, 2012 – Luminaires included.

June 1, 2013 – Integral LED Lamps to be included.

“Lessons Learned”: When to Start VT

- ≥ 10 certified products in a product category OR one year from the date of the first certification in that product category: **whichever comes first.**
- CBs must document testing cycle within quality system documentation.
 - CBs must contact EPA for any changes in testing cycle.

“Lessons Learned”: Product Eligibility

- All models currently on EPA’s qualified products lists are eligible for verification testing, **regardless of certification date.**
- At a minimum, 10% of unique models for each product category must be selected and tested each year.
 - CBs should round up to the nearest integer to determine the number of models to test.

“Lessons Learned”: Contacting EPA for Selections



- From the [Conditions & Criteria for CBs](#):
 - *“When the CB is ready to select models for a round of verification testing, it shall contact EPA for Agency selections and include these selections in that round of testing.”*
- CBs must contact EPA **prior to** selecting products.
- If an EPA-nominated model is not tested, CBs must report.

“Lessons Learned”: Reporting

- CBs shall report failures within two business days of CB determination of testing failure to Enforcement@energystar.gov.
- CBs shall report tested models during the previous six months every January and July.
 - CBs should check that the verification testing summary form is completely filled out – saves time!

Revisions to Verification Testing Summary Report and Product Failure Form



- “Testing In Progress” tab
 - Models where testing is in progress or models are procured and are awaiting testing.
- “Models Not Tested” tab
 - EPA-nominated or randomly selected models that are not tested.

“Lessons Learned”: 10% Testing Requirement



- 10% of unique models in all certified product categories must be completed in 12-month period.
 - Includes any schedule modifications from spec effective date.
 - CBs must **confirm** if tested products meet the 10% testing requirement every January and July.
 - Inform EPA of any delays.
- Increased focus area for EPA.

“Lessons Learned”: CB Calendar

- EPA is developing a system to track CBs' verification testing selection calendar.
 - CBs will receive reminders according to the selection schedule provided to EPA.
 - CBs must notify EPA of any changes two weeks in advance.
 - Intended to facilitate process and enhance communication with EPA.

Discussion



- The line is now open to receive any questions about verification testing.

Importance of Data Quality

- CB errors in XML-based data submissions **will** display on public-facing qualified product lists (QPLs) and product finder tools.
 - QPLs are an **extremely important** resource: used by consumers, retailers, utilities, third-party organizations, U.S. Customs and Border Protection, and ***your customers*** - manufacturing partners.
 - Common errors:
 - Ineligible product type - may need to review materials or ask questions
 - Not listing the brand owner as the manufacturing partner
 - Missing/blank values - which criteria to report depends on product type
 - Incorrect units or wrong decimal point
 - Incorrect Type of Transaction (registration vs. initial certification)
- ***Check that data is complete and accurate prior to submitting to EPA.***

XML Submission Issues

- Certification ID
- Family ID
- Date of Certification
- Date to Market - when models appear on the QPL
- Reporting values that do not meet the federal standard in the spec
- Required vs. Optional criteria

QPX Data Requirements



- CBs are **encouraged** to review the draft data requirements.
- Data requirements generally explicitly indicate when data is required.

Product Specific Information ⓘ						
ENERGY STAR Specification Version		R	N	Enumeration Data		▪ 1.0
Product Type		R	N	Enumeration Data		▪ Gas Storage ▪ Gas Instantaneous ▪ Electric Heat Pump
Thermal Efficiency (TE)	Required if Product Type is Gas Storage or Gas Instantaneous.	O	N	Decimal	No. of Decimal: 2 Min Value: 0.94	
Standby Loss (SL)	Required if Product Type is Gas Storage.	O	N	Integer		
Fuel Type	Required if Product Type is Gas Storage or Gas Instantaneous.	O	Y	Enumeration Data		▪ Gas ▪ Propane
Max Input (BTU/H)	Required if Fuel Type is Gas or Propane.	O	N	Integer	Min Value: 75000	
Therms Per Year	Required if Product Type is Gas Storage or Gas Instantaneous.	O	N	Integer		
Max Input (W)	Required if Product Type is Electric Heat Pump.	O	N	Integer		

Product Finder Tool



www.energystar.gov/productfinder

- EPA will be launching new product finder tools over the next few months.
- Manufacturing partners will be asked to review the accuracy of their data and to contact CBs.

Brand Owner/Licensee



- [Directive 2012-02](#)
- The CB must (1) establish that the partner is the brand owner/licensee and confirm it is an ENERGY STAR partner in good standing, (2) list the brand owner/licensee as the ENERGY STAR manufacturing partner associated with the certification, and (3) obtain information from the brand owner/licensee regarding product availability.
- **Partnership is not available to original equipment manufacturers (OEMs) that do not sell directly to consumers or end users.**

Transition to ISO 17065

- The International Accreditation Form (IAF) expects ISO/IEC 17065 to be in effect and replace Guide 65 by **September 15, 2015**.
- Currently recognized and applicant CBs accredited to ISO/IEC Guide 65 must keep EPA informed of their progress and projected date the accreditation will be final.

References and Resources

- Certification Body Resources:
www.energystar.gov/CBresources
- Frequently Asked Questions: [Third-Party Certification](#)
- QPX: www.energystar.gov/QPX
- Directives:
http://www.energystar.gov/index.cfm?c=third_party_certification.tpc_directives

Contact Information



Questions?

Contact Certification: certification@energystar.gov

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