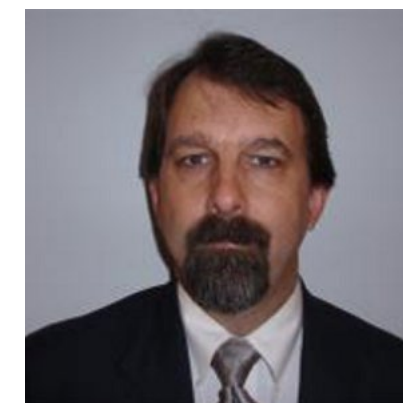




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Certification 101



ENERGY STAR® Products Partner Meeting

Brian Krausz, USEPA

Craig Davenport, Intertek Testing Services NA

10/28/2020



Syllabus

- ✓ 3rd Party Certification Background
- ✓ Process Overview
- ✓ Role of the Certification Body (CB)
- ✓ Testing, Certification, and Surveillance (maintenance)
- ✓ Final Exam





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ISO: International Organization for Standardization

IEC: International Electrotechnical Commission



ISO/IEC 17025: General requirements for the competence of testing and calibration laboratories

ISO/IEC 17065: Conformity assessment — Requirements for bodies certifying products, processes and services

ISO/IEC 17067: Conformity assessment — Fundamentals of product certification and guidelines for product certification schemes



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Who's who in Certification

Accreditation Body (AB)

Brand owner

Certification Body (CB)

Laboratory

Original Equipment Manufacturer (OEM)

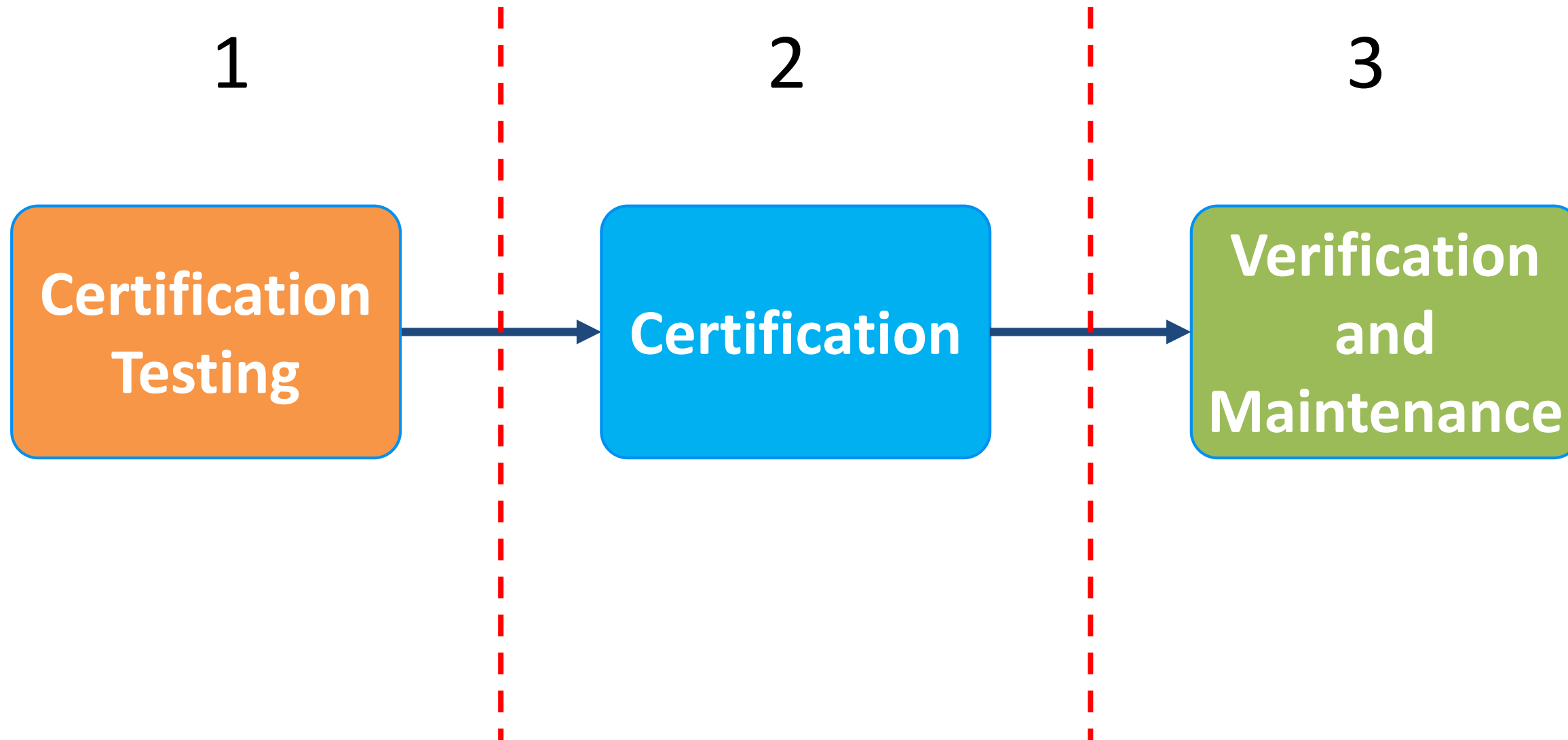
Scheme Owner

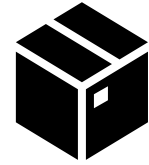
Standards Development Organization (SDO)



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Certification Process Overview





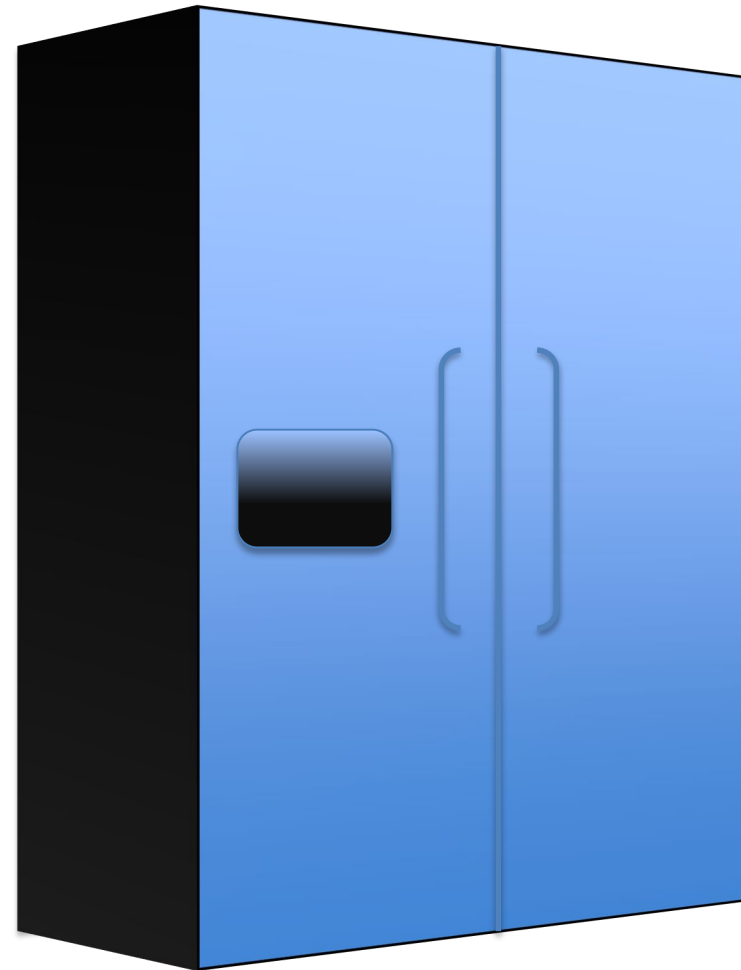
Appliances Inc.





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"Refrig-o-matic"





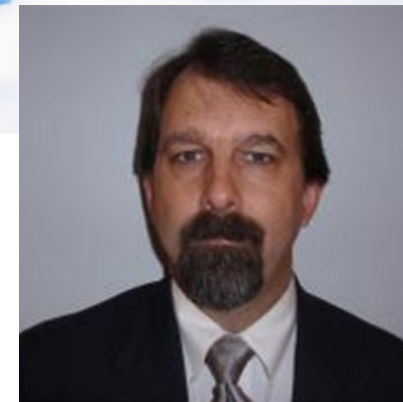
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Certification Testing

1. Lab must be recognized by EPA
 - ISO/IEC 17025 accredited OR enrolled in a CB's W/SMTL
2. Must use an approved test method
3. Results from one tested model can apply to products that meet the definition of a family, and to rebranded products



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Certification Body, Definition

- A Certification Body is a 3rd party conformity assessment body operating a certification scheme (ISO/IEC 17065 cl 3.1.2).
- CBs cannot act as consultants to product design, and are prohibited from acting as a designer, manufacturer, installer, distributor or maintainer of products being certified.
- EPA-Recognized Certification Bodies are independently accredited to ISO/IEC 17065 by an EPA-Recognized Accreditation Body.



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Certification Body, Definition

- ENERGY STAR is a certification scheme (a system related to specified products, to which the same specified requirements, specific rules and procedures apply).
- CBs do not control or authorize the application of the ENERGY STAR Mark. That responsibility lies with the EPA. CBs determine compliance and issues certificate confirming the product meets the requirements.



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Role of the CB

- Act as an independent, impartial body to confirm selection, testing and evaluation of the product meets ENERGY STAR scheme requirements.
- Reviews data & reports generated by EPA-Recognized Laboratories to confirm compliance with the product specifications.
- Help manage Partner's ENERGY STAR certifications by maintaining them to current specifications, facilitates participation in Verification Testing, and provides info related to changes in the implementation of ENERGY STAR Program at the Certification Body.



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Role of the CB

- When selecting a CB, ensure their scope covers your product.
- Work with a CB prior to having the product tested
- CBs can help the ensure laboratory has the appropriate approvals from the EPA.
- CBs provide guidance to Partners related to the ENERGY STAR Scheme and Directives.
- CBs interact with EPA to answer questions from the Partner and determine when additional EPA input is required to troubleshoot problems.



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Phase 1: Certification Testing

- Brand owner ultimately responsible for testing
- May iterate and re-test product
- Must gain successful test report from EPA-recognized lab



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Phase 2: Certification Decision

- CB collects test report and relevant product info
- Submitted info will be used for certification listing
- Be responsive to requests from CB!



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Requirements for Initial Certification

- Active ENERGY STAR Partner OID
- Signed Certification Agreement between CB and the Partner
- Confirmation from Partner that brand submitted is owned/licensed by the Partner.
- Report showing full compliance to the specifications including data, calculations, in some cases photographs, and other documentation to establish traceability to the product being certified.



You did it... Certified!!!





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Product Listing

- **Product is listed on QPL**
 - CB submits EPA-required product information using EPA's automated web-services.
- **Ensure Partner's marketing materials and product details match!**
 - Partner should include UPC codes and additional model numbers associated with the certified models to ensure that EPA and retailers can easily identify models as ENERGY STAR
- Currently available models are listed in EPA's certified product listings and the Product Finder:
<https://www.energystar.gov/productfinder/>



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Phase 3: Maintenance

- CB-administered verification testing
 - Brand owner partner is responsible party
- Oversight testing by other organizations
- Updating product info on certifications
- Submitting shipment data and other info requested by EPA



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MESA



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[Find Products](#) [Save at Home](#) [New Homes](#) [Commercial Buildings](#) [Industrial Plants](#)

[Home](#) » [Partner Resources](#) » [My ENERGY STAR Account \(MESA\) Information](#)

My ENERGY STAR Account (MESA) Information

My ENERGY STAR Account (MESA) is a secure web-based customer relationship management tool that enables ENERGY STAR participants to keep their organization, contact and program participation information current.

When personnel or address changes occur in your organization, please update that information in MESA to ensure you do not miss important information about your ENERGY STAR partnership. In addition, MESA can serve as your entry point to the ENERGY STAR website and tools such as Portfolio Manager, ENERGY STAR logo downloads, and marketing tools or resources.

Please see the links below for Reference Guides that are specific to your area of participation:

- [Buildings & Plants Partners MESA Reference Guide](#) (PDF, 765 KB)
- [Products Brand Owner MESA Reference Guide](#) (PDF, 1.1 MB)
- [Products Certification Bodies MESA Reference Guide](#) (PDF, 1.7 MB)
- [Products Laboratories and Accreditation Bodies MESA Reference Guide](#) (PDF, 845 KB)
- [Products Retailers MESA Reference Guide](#) (PDF, 866 KB)

MY ENERGY STAR ACCOUNT

View and manage information about your organization's ENERGY STAR participation and contacts; access all of your password-protected tools or resources.

My ENERGY STAR Account

username

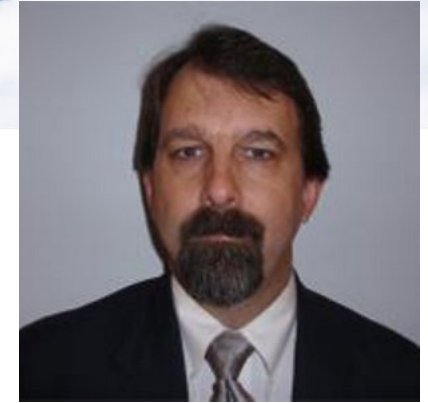
password

[FORGOT PASSWORD?](#)





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Maintenance Tips

1. Update availability of your products!
 - Availability includes withdrawing certification for products no longer produced
 - Let CB know where to obtain product for verification testing in N. America
2. Surveillance based on # of active products in each product category for the CB
 - You might not be selected for verification testing, but be prepared!
 - Understand how CB approaches procurement
3. Understand the fees for each phase of certification process



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EPA Surveillance Activities

- Disqualification procedures go into effect after a Verification Testing failure
- Partner must take product control measures after DQ
- Compliance Monitoring activities



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Other Important Maintenance Tips

- Brand book: Appropriate use of the logo
- Specifications.
 - Be aware of revisions!
 - Certifications may last as long as the specification in effect



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Resources

- [Partner Resources page](#)
- [My Energy Star Account \(MESA\)](#)
- [Partnership agreement](#)
- [3rd party certification page: energystar.gov/3rdpartycert](http://energystar.gov/3rdpartycert)
- [Lab and Certification Body search](#)
- [Brand book](#) (appropriate use of the label)
- [Product Specifications: energystar.gov/specifications](http://energystar.gov/specifications)



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Summary

- Defined EPA recognized Lab and CB
- Phase I: Initial Certification Testing
- Phase II: Certification
- Product listings
- Phase III: Maintenance
 - Verification testing
 - Market availability
 - Changes to product
 - Other information requests



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FINAL EXAM



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Q1: Who manages a Partner's ENERGY STAR certifications?

- A. Partner
- B. Certification Body
- C. EPA
- D. All of the above



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Q2: If my product is not sold anywhere on the market right now, can it still be certified?

- A. Yes
- B. No
- C. It depends



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Q3: Can I use a testing laboratory outside of North America for certification?

- A. Yes
- B. No
- C. It depends



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Q4: If I am an OEM, can I get my product ENERGY STAR certified and sell it under another brand name?

- A. Yes
- B. No
- C. Maybe



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Q5: Appliances Inc. just got their Refrig-o-matic tested and certified to a new version of an ENERGY STAR specification. The CB selected the Refrig-o-matic for verification only a month after the specification went into effect. Does Appliances Inc. have to go through testing again?

- A. Yes
- B. No
- C. Maybe



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Q6: Where do I find information on how to properly apply the ENERGY STAR label to my product?

- A. Brand Book
- B. Specification
- C. 3rd party certification page
- D. A&B
- E. All of the above



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Contact

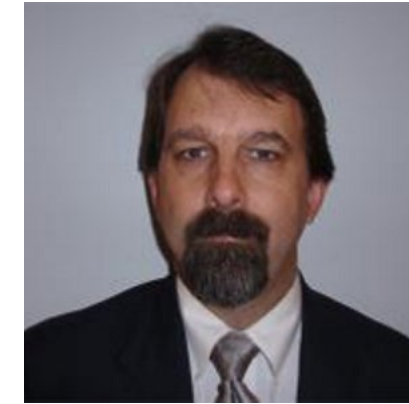


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