Green Electronics Council

227 SW Pine Street, Suite 300 • Portland, OR 97204 • V: (503) 279-9382 • F: (503) 279-9381 • www.epeat.net

OUTCOMES REPORT
EPEAT VERIFICATION ROUND IE-2015-03

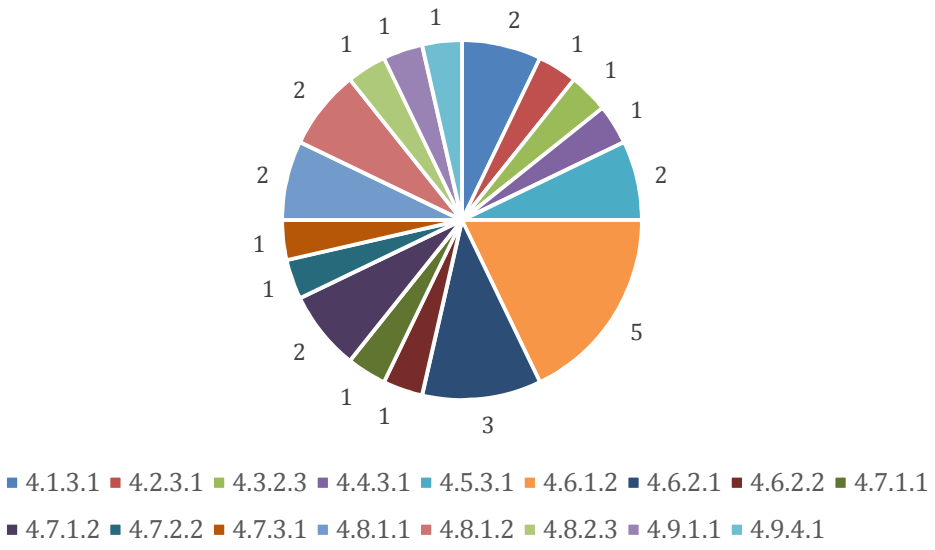
1. Overview of Verification Round

Verification Round IE-2015-03 for the IEEE 1680.2™ Standard for the Environment Assessment of Imaging Equipment focused on Level 0 and Level 1 investigations. Be sure to read the key lessons from this Verification Round in section 3 below. The Verification Round targeted the following 3 criteria plus randomly selected criteria:

- 4.6.1.2 Optional – Provision of take-back service for broader scope of products
- 4.6.2.1 Required – End-of-life processing requirements
- 4.6.2.2 Optional – Certification of programs exempt from end-of-life processing requirements
- Randomly chosen criteria

A Level 0 investigation involves the Auditor establishing Conformance based on publicly available information, as applicable. A Level 1 investigation involves a review of EPEAT Participating Manufacturer (Manufacturer) submissions. All Manufacturers were investigated at least once in this Verification Round but no Manufacturer was involved in more than 3 investigations.

Figure 1: Criteria Investigated in IE-2015-03



Green Electronics Council

227 SW Pine Street, Suite 300 • Portland, OR 97204 • V: (503) 279-9382 • F: (503) 279-9381 • www.epeat.net

In total, 28 Level 0 and level 1 investigations were completed in this Round.

2. Summary of Outcomes

Highlights from this Verification Round are:

- *28 investigations completed*
- *28 decisions of Conformance*
- *Zero decisions of Non-Conformance*

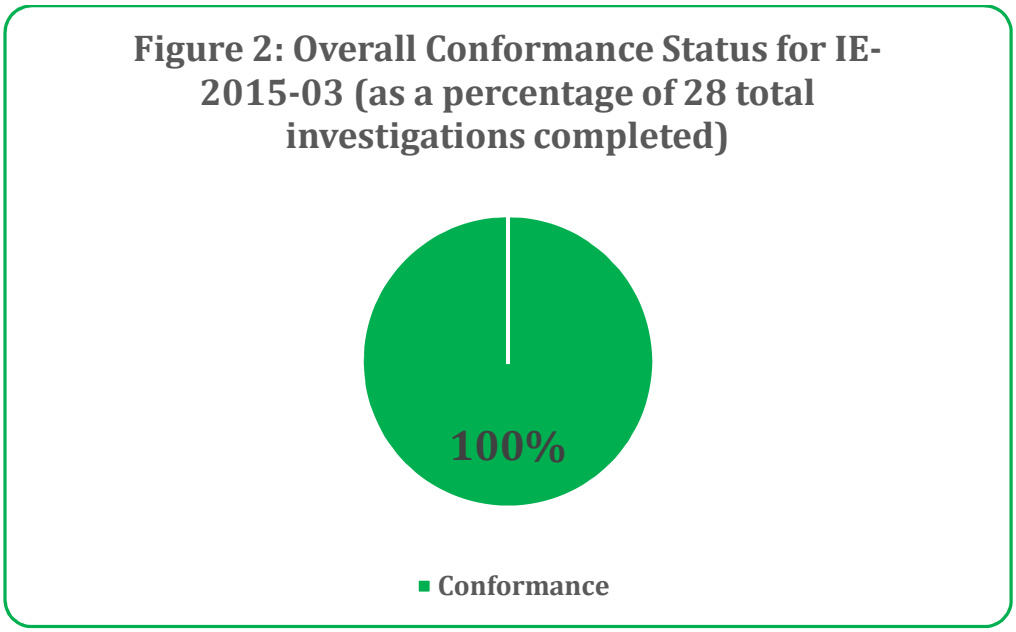


Table 1 summarizes the number of investigations performed and Non-Conformance by criterion.

TABLE 1: Summary of Non-Conformance Findings

Criterion	Description		Completed Investigations	Non-Conformances	Non-Conformance Rate
4.1.3.1	Required	Reporting on amount of mercury content in light sources	2	0	0%

Green Electronics Council

227 SW Pine Street, Suite 300 • Portland, OR 97204 • V: (503) 279-9382 • F: (503) 279-9381 • www.epeat.net

TABLE 1: Summary of Non-Conformance Findings					
Criterion	Description		Completed Investigations	Non-Conformances	Non-Conformance Rate
4.2.3.1	Required	Declaration of product weight	1	0	0%
4.3.2.3	Required	Manual separation and marking of plastics	1	0	0%
4.4.3.1	Required	Spare parts	1	0	0%
4.5.3.1	Required	Standby power level ≤ 1 W and disclosure	2	0	0%
4.6.1.2	Optional	Provision of take-back service for broader scope of products	5	0	0%
4.6.2.1	Required	End-of-life processing requirements	3	0	0%
4.6.2.2	Optional	Certification of programs exempt from end-of-life processing requirements	1	0	0%
4.7.1.1	Required	Self-declared environmental management system for design and manufacturing organizations	1	0	0%
4.7.1.2	Optional	Third-party certified environmental management system for design and manufacturing organizations	2	0	0%
4.7.2.2	Optional	Public disclosure of supply chain toxics	1	0	0%
4.7.3.1	Optional	Product life-cycle assessment and public disclosure of analyses	1	0	0%
4.8.1.1	Required	Elimination of intentionally added heavy metals in packaging	2	0	0%
4.8.1.2	Required	Elimination of elemental chlorine as a bleaching agent in packaging material	2	0	0%
4.8.2.3	Required	Plastics marked in packaging materials	1	0	0%
4.9.1.1	Required	Allow use of general office paper with renewable content, recycled content, and that is chlorine free	1	0	0%
4.9.4.1	Required	Documentation that the cartridge or container is not designed to prevent its reuse and recycling	1	0	0%

Section 6, Table 2 would normally present further details on the Non-Conformances for the Verification Round. Since this Round did not include any Non-Conformances, it was omitted.

Green Electronics Council

227 SW Pine Street, Suite 300 • Portland, OR 97204 • V: (503) 279-9382 • F: (503) 279-9381 • www.epeat.net

3. Key Lessons

Provision of information during Verification Rounds:

The IEEE 1680 standard and the EPEAT Manufacturer agreement require that Manufacturers provide the information identified in Verification Requirements to prove the accuracy of their declarations within 30 days of EPEAT's request. Manufacturers are reminded that failure to provide this information is inconsistent with the agreement and may result in termination of the Manufacturer from EPEAT.

4. General Message to Manufacturers

Understanding documentation requirements for Verification Rounds:

EPEAT's Online Learning Center has pre-recorded training modules for every criterion in the 1680.2 standard. These modules are designed to de-mystify the standard's requirements, and to illustrate the types of information needed during a Verification Round. Manufacturers are encouraged to access these modules on EPEAT's Online Learning Center. If you do not yet have access to the Learning Center, please contact Andrea Desimone.

Initial response to Auditors:

When contacted regarding participation in a Verification Round, Manufacturers should respond to the Auditor as soon as possible to let them know they are communicating with the correct person or to inform them of the correct contact. This also helps the Auditor know that the e-mail address is valid.

Conformance of products that may share similar traits and/or supply chains:

If a Non-Conformance is found for a particular criterion and product, Manufacturers should be prepared to determine if other products on the EPEAT Registry are similarly impacted due to use of similar materials and/or supply chains, and develop corrective action plans to address the future conformance of these other products.

5. Looking Forward

Plans for Future Verification Activities:

There are three Verification Rounds planned for 2016 for 1680.2 (Imaging Equipment). These Rounds may include Level 0, Level 1, Level 2 and/or Level 3 investigations.

Conformity Assessment Protocols:

This and all future Verification Rounds have and will be conducted according to the guidance provided in the Conformity Assessment Protocols posted on www.epeat.net.

6. Investigations Table - Omitted

Green Electronics Council

227 SW Pine Street, Suite 300 • Portland, OR 97204 • V: (503) 279-9382 • F: (503) 279-9381 • www.epeat.net

7. Background

To assure the credibility of the EPEAT Registry, verification of the claims by Participating Manufacturers are rigorous, independent and transparent. Verification is conducted according to policies and procedures described in documents provided on www.epeat.net. Manufacturers are given no forewarning that their products will be verified, and verification is performed based on the declarations as they are in the Registry at the time the Verification Round begins.

Investigations are performed by expert technical contractors called Auditors working for a Conformity Assurance Body approved by the Green Electronics Council (GEC). Auditors are free of conflicts of interest, and their recommended decisions are reviewed and finalized by a five-person panel of independent technical experts (called the Conformity Decision Panel) who are also contractors free of conflicts of interest. Decisions of conformity by the Conformity Decision Panel are made blind to the identity of the products and companies they are judging, based only on evidence collected and analyzed by Auditors. A serious consequence of receiving a Non-Conformance is that it is published publicly in an Outcomes Report, for purchasers, competitors, and others to see.

- In a Level 0 investigation, an Auditor assesses Conformance to a criterion by examining publicly available information only – no products are obtained for inspection or testing, and the Manufacturer is not asked to submit documentation. If the publicly available information is inconclusive (i.e. was not available, could not be found from public sources, or did not provide enough details to determine conformance), the Auditor may be instructed to proceed with a Level 1 investigation.
- In a Level 1 investigation, an Auditor assess Conformance to a criterion by examining information submitted by a Manufacturer. The Manufacturer is required to provide detailed and accurate information in a timely manner.
- In Level 2 investigations, the Conformity Assurance Body obtains a product without the Manufacturer's knowledge or involvement, and has the product disassembled and inspected to assess conformance with one or more criteria.
- In Level 3 investigations, the Conformity Assurance Body obtains a product without the Manufacturer's knowledge or involvement, and has the product analytically tested to assess conformance with one or more criteria.

Manufacturers must correct Non-Conformances, either by bringing the product into Conformance, by un-declaring the criterion until Conformance is achieved, or by removing the product from the Registry. The Green Electronics Council also requires that Manufacturers examine other registered products to determine if their declarations should be corrected as well. If a Manufacturer corrects the Non-Conformance by un-declaring the criterion and the criterion is an optional criterion, they lose that point, and possibly the product drops a tier. If it is a required criterion, they must archive the product. If it is a required corporate criterion, they must archive all of their registered products.