



OUTCOMES REPORT EPEAT VERIFICATION ROUND TV-2018-01

1. Overview of Verification Round

TV-2018-01 included 8 Level 1 investigations on 8 criteria. The selected criteria either had never been investigated or had not been recently investigated. All geographies and manufacturers with products active on the EPEAT Registry were eligible for inclusion in this Round. Criteria investigated during this Round included:

- 4.2.1.2- Optional- Minimum 5% to 10% content of postconsumer recycled plastic
- 4.3.4.2- Optional- Minimum 90% reusable/recyclable
- 4.3.4.3- Optional- Preparation of end of life characterization report
- 4.5.1.1- Required- Compliance with current Energy Star specification
- 4.5.1.2- Optional- On Mode power performance exceeding Energy Star
- 4.5.2.1- Optional- Additional On Mode power performance exceeding Energy Star
- 4.7.2.2- Optional- Public disclosure of supply chain toxics
- 4.7.3.1- Optional- Product life cycle assessment and public disclosure of analyses

2. Summary of Outcomes

8 investigations completed

3 findings of Conformance

5 findings of Nonconformance

Figure 1. Overall Conformance status for TV-2018-01
(as a percentage of overall investigations)

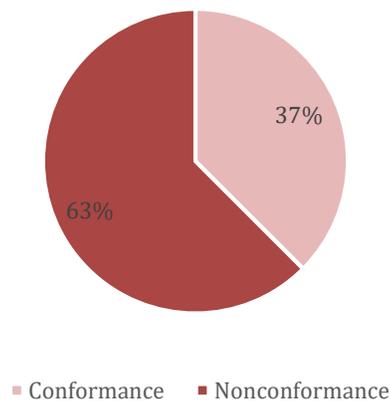
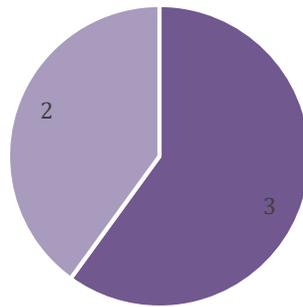
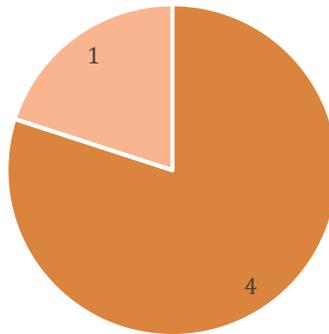


Figure 2. TV-2018-01 Reasons for Nonconformance



■ Demonstrated non-conformance
■ Insufficient documentation to prove conformance

Figure 3. TV-2018-01 Corrective Actions Taken



■ Criterion undeclared by manufacturer ■ Product archived by manufacturer

3. Key Lessons

4.3.4.3 Preparation of end-of-life characterization report

This criterion requires the manufacturer to prepare an end-of-life characterization report which touches on two key points. The first is that materials present in the product which are identified by the EU WEEE Directive Annex II can be effectively processed. The second is that the product conforms with the criteria in Section 4.3 that have been declared to. This second point is frequently overlooked when providing evidence for this criterion. See the Conformity Packet for 4.3.4.3 for further information on how to demonstrate conformance.

Criteria having to do with ENERGY STAR

ENERGY STAR program specifications for Televisions are updated periodically. In the event a new version of the specification is released, EPEAT requires manufacturers to either update their product listings for

conformance to the new version, or undeclare the criterion (if the criterion is required, this would mean archiving the product).

4.7.2.2 Public disclosure of supply chain toxics

This criterion requires public declaration of toxics for at least three suppliers for at least three listed components. In the event that a manufacturer has fewer than three suppliers for a listed component, they should report for all suppliers, and confirm the total number of suppliers for that component. Additionally, since the disclosure is required to be annual, providing evidence of more than one year of disclosures is the best practice.

4. General Message to Manufacturers

Products “Active” on the EPEAT Registry: All Active products on the EPEAT Registry are subject to Verification. When products reach their end of life, Manufacturers should remove the products from the EPEAT Registry. If a product which is Active on the EPEAT Registry has reached end of life and a Manufacturer cannot obtain required evidence for verification due to the age of the product, it would still be considered a Non-Conformance.

Understanding documentation requirements for Verification Rounds:

You can find more guidance and examples of conformance documents in the Conformity Sample Packets located in “Key Documents” under My Account. Go to epeat.net to log in.

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 Similarly Affected Products:

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:

One Television verification round was planned for 2018.

Conformity Packets:

This and all future Verification Rounds have and will be conducted according to the guidance provided in the Conformity Sample Packets posted on www.epeat.net under “Key Documents” in My Account.

6. Investigations Table

TABLE 1: Specific Non-Conformance Findings and Corrective Action Taken

Participating Manufacturer	Product	Country	Product Type	Criterion	Required or Optional	Criterion Description	NC Finding Description	Corrective Action Taken
Samsung Electronics	HG40NC691RF	United States	Consumer	4.2.1.2	Optional	Minimum 5% to 10% content of postconsumer recycled plastic	Demonstrated Nonconformance	Product archived by manufacturer
Samsung Electronics	HG43ND478SF	United States	Institutional	4.3.4.3	Optional	Preparation of end of life characterization report	Insufficient documentation to prove Conformance	Criterion undeclared by manufacturer
Samsung Electronics	HG32ND690DF	United States	Institutional	4.5.1.2	Optional	On Mode power performance exceeding Energy Star	Demonstrated Nonconformance	Criterion undeclared by manufacturer
Samsung Electronics	DM32E	United States	Institutional	4.5.2.1	Optional	Additional On Mode power performance exceeding Energy Star	Demonstrated Nonconformance	Criterion undeclared by manufacturer
Samsung Electronics	DM65E	United States	Institutional	4.7.2.2	Optional	Public disclosure of supply chain toxics	Insufficient documentation to prove Conformance	Criterion undeclared by manufacturer

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 four-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.