



OUTCOMES REPORT EPEAT VERIFICATION ROUND PC-2017-03

1. Overview of Verification Round

PC-2017-03 included both Level 0 and Level 1 investigations on criteria which either had not been recently verified or for which conformance is difficult to prove. All geographies and manufacturers with products active on the EPEAT Registry were eligible for inclusion in this Round. Criteria investigated during this Round included:

- 4.1.2.1 Optional- Elimination of intentionally added cadmium
- 4.1.4.1 Optional- Elimination of intentionally added lead in certain applications
- 4.2.1.2 Optional- Minimum content of postconsumer recycled plastic
- 4.3.1.9 Optional- Minimum 90% reusable/recyclable
- 4.4.1.1 Required- Availability of additional 3 year warranty or service agreement

Criterion 4.4.1.1 was initially investigated via Level 0 investigation. Inconclusive Level 0 investigations on this criterion were later moved to Level 1. All other criteria in the round were investigated at Level 1 after the Level 0 portion of the round had concluded.

2. Summary of Outcomes

Highlights from this Verification Round:

- 75 investigations completed
- 40 decisions of Conformance
- 35 decisions of Non-Conformance
- 8 decisions of Inconclusive during Level 0 round, which were found to be Conformant at Level 1
- 4 investigations were cancelled

Figure 1. Overall conformance status for PC-2017-03 (as a percentage of total investigations)

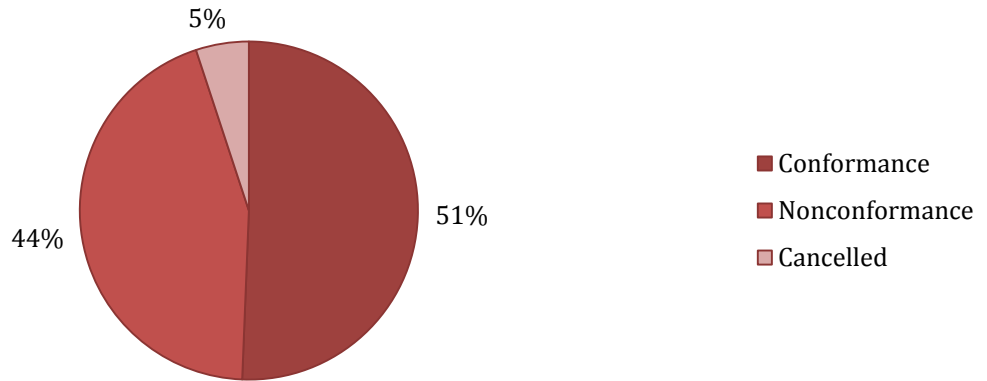


Figure 2. Reasons for Nonconformances

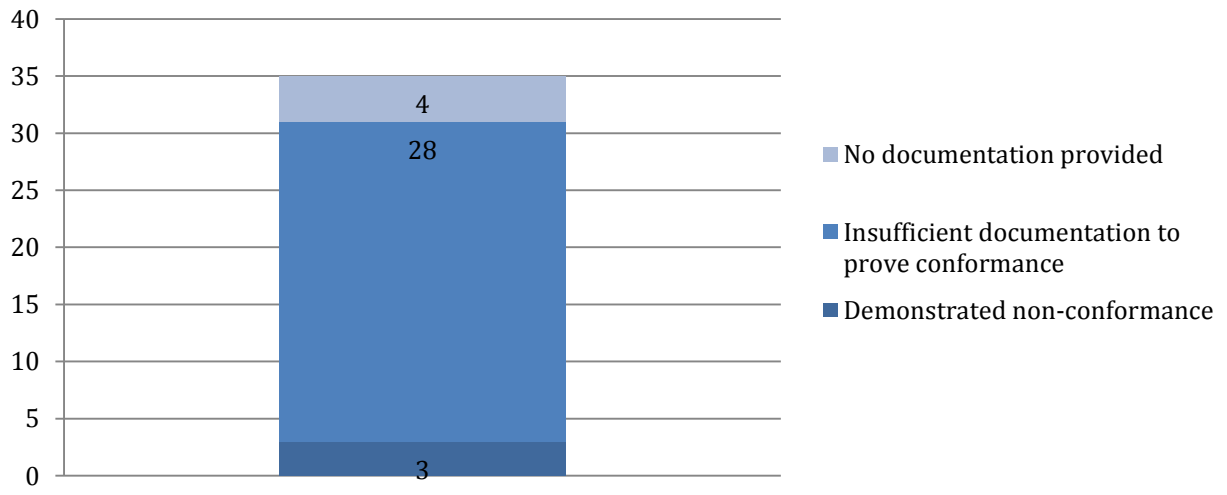
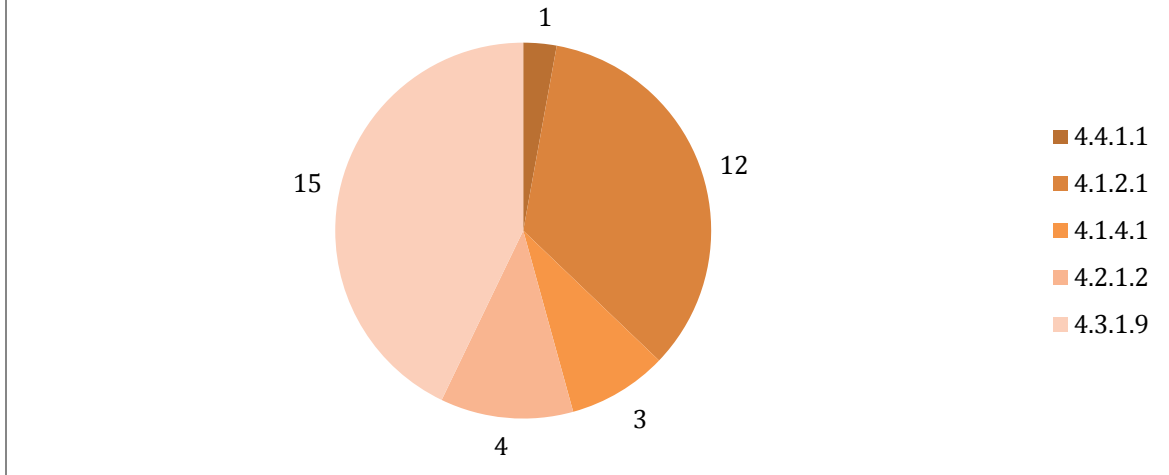


Figure 3. Nonconformances by criterion



The majority of Nonconformances were given for criterion 4.1.2.1, Elimination of intentionally added cadmium, and criterion 4.3.1.9, Minimum 90% reusable/recyclable, and were due to insufficient documentation to prove conformance. The Key Lessons section below describes best practices regarding evidence for all criteria covered by the round.

3. Key Lessons

4.4.1.1 Required- Availability of additional 3 year warranty or service agreement

This criterion requires that an additional 3 years of product warranty be available in addition to the standard product warranty. Information about the availability of the additional warranty and how to access the additional warranty are required to be provided to purchasers. Including information about warranties (including the additional 3 year warranty) on the manufacturer website at the point of purchase is the easiest route to compliance with this criterion.

4.1.2.1 Optional- Elimination of intentionally added cadmium and 4.1.4.1 Optional- Elimination of intentionally added lead in certain applications

These criteria require that product components do not contain >50ppm cadmium and lead, respectively. Note that the ppm thresholds for these substances are lower for RoHS compliance; therefore, RoHS documentation alone may not be sufficient to demonstrate conformance with these criteria.

If demonstrating conformance with these criteria through test reports, please note that per Clarification #29, test reports should not be older than 2 years. In cases where test data is older than two years because the product is no longer in production but still claiming the criterion, the auditor may request that the manufacturer provide information demonstrating the implementation of a conformance assurance system as an alternate method of proving conformance.

4.2.1.2 Optional- Minimum content of postconsumer recycled plastic

This criterion requires a minimum percentage of postconsumer recycled plastic in the product. The calculation of postconsumer recycled content provided for this criterion should include any

peripherals shipped with the product, including the power cable, mouse and keyboard.

4.3.1.9 Optional- Minimum 90% reusable/recyclable

This criterion requires the manufacturer to demonstrate that at least 90% of the components by weight in the product are normally reusable or recyclable. To demonstrate conformance with this criterion, information must be provided for every component claiming reusability/recyclability which demonstrates either the recycling technology used or the reuse market available for the material.

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 be considered a Non-Conformance.

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:

Four verification rounds are planned for PCs and Displays in 2018.

Conformity Sample 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

Participating Manufacturer	Product	Country	Criterion	Required or Optional	Criterion Description	NC Finding Description	Corrective Action Taken
Samsung Electronics	S19E200BW	Sweden	4.4.1.1	Required	Availability of additional 3 year warranty or service agreement	Insufficient documentation to prove conformance	If NC due to insufficient evidence, Manufacturer provided additional evidence to demonstrate conformance.
Ace Computers	Raptor 9 Workstation	United States	4.3.1.9	Optional	Minimum 90% reusable/recyclable	Insufficient documentation to prove conformance	Criterion undeclared by Manufacturer.
Ace Computers	Vision XI Pico	United States	4.3.1.9	Optional	Minimum 90% reusable/recyclable	Insufficient documentation to prove conformance	Criterion undeclared by Manufacturer.
Action S.A.	MINI NUC i50	Poland	4.1.2.1	Optional	Elimination of intentionally added cadmium	Insufficient documentation to prove conformance	If NC due to insufficient evidence, Manufacturer provided additional evidence to demonstrate conformance.
Arquimedes Automacao e Informatica Ltda	Premium	Brazil	4.1.2.1	Optional	Elimination of intentionally added cadmium	Insufficient documentation to prove conformance	Manufacturer did not take corrective action and CAB archived the product.
Arquimedes Automacao e Informatica Ltda	Corporativo - B	Brazil	4.1.2.1	Optional	Elimination of intentionally added cadmium	Insufficient documentation to prove conformance	Criterion undeclared by Manufacturer.
CIARA-TECH	CIARA-DEPART-P2520LA-XH71	United States	4.3.1.9	Optional	Minimum 90% reusable/recyclable	No documentation provided	Product archived by Manufacturer.
CIARA-TECH	Ciara Enterprise 7275	United States	4.2.1.2	Optional	Minimum content of postconsumer recycled plastic	Insufficient documentation to prove conformance	Manufacturer did not take corrective action and CAB archived the product.
Corporativo Lanix, S.A. de C.V	CORP 4320E	Mexico	4.2.1.2	Optional	Minimum content of postconsumer recycled plastic	No documentation provided	Other - Description: The Manufacturer indicated by e-mail that they were archiving the product, but because it was not done before the end of the corrective action phase, the CAB
Corporativo Lanix, S.A. de C.V	TITAN HX 6030E	Mexico	4.2.1.2	Optional	Minimum content of postconsumer recycled plastic	Demonstrated non-conformance	Other - Description: The manufacturer provided an updated calculation and updated the post-consumer content declaration on the EPEAT Registry.

Participating Manufacturer	Product	Country	Criterion	Required or Optional	Criterion Description	NC Finding Description	Corrective Action Taken
Daten Tecnologia Ltda	DT02-M4	Brazil	4.1.4.1	Optional	Elimination of intentionally added lead in certain applications	Insufficient documentation to prove conformance	Manufacturer did not take corrective action and CAB archived the product.
Daten Tecnologia Ltda	DCM1B-4	Brazil	4.1.4.1	Optional	Elimination of intentionally added lead in certain applications	Insufficient documentation to prove conformance	Manufacturer did not take corrective action and CAB archived the product.
Dell, Inc.	OptiPlex 9020 MT	New Zealand	4.1.2.1	Optional	Elimination of intentionally added cadmium	Insufficient documentation to prove conformance	Product archived by Manufacturer.
Dell, Inc.	Latitude 7250	Japan	4.1.4.1	Optional	Elimination of intentionally added lead in certain applications	Insufficient documentation to prove conformance	If NC due to insufficient evidence, Manufacturer provided additional evidence to demonstrate conformance.
Dell, Inc.	Inspiron 15-3552	France	4.3.1.9	Optional	Minimum 90% reusable/recyclable	Insufficient documentation to prove conformance	If NC due to insufficient evidence, Manufacturer provided additional evidence to demonstrate conformance.
Fujitsu Limited	STYLISTIC Q616	Austria	4.1.2.1	Optional	Elimination of intentionally added cadmium	Insufficient documentation to prove conformance	If NC due to insufficient evidence, Manufacturer provided additional evidence to demonstrate conformance.
GETAC	F110	United States	4.3.1.9	Optional	Minimum 90% reusable/recyclable	Insufficient documentation to prove conformance	If NC due to insufficient evidence, Manufacturer provided additional evidence to demonstrate conformance.
Login Informatica	L4900	Brazil	4.3.1.9	Optional	Minimum 90% reusable/recyclable	Demonstrated non-conformance	Criterion undeclared by Manufacturer.
Login Informatica	Login SKYLINE	Brazil	4.3.1.9	Optional	Minimum 90% reusable/recyclable	Insufficient documentation to prove conformance	Product archived by Manufacturer.
NTT System S.A.	NTT Business W 963G	Poland	4.3.1.9	Optional	Minimum 90% reusable/recyclable	No documentation provided	Manufacturer did not take corrective action and CAB archived the product.
NTT System S.A.	NTT Business W 909M	Poland	4.3.1.9	Optional	Minimum 90% reusable/recyclable	No documentation provided	Manufacturer did not take corrective action and CAB archived the product.
Positivo Tecnologia S.A.	MASTER C800 MiniPro	Brazil	4.3.1.9	Optional	Minimum 90% reusable/recyclable	Insufficient documentation to prove conformance	If NC due to insufficient evidence, Manufacturer provided additional evidence to demonstrate conformance.
Positivo Tecnologia S.A.	Master D380	Brazil	4.1.2.1	Optional	Elimination of intentionally added cadmium	Insufficient documentation to prove conformance	If NC due to insufficient evidence, Manufacturer provided additional evidence to demonstrate conformance.

Participating Manufacturer	Product	Country	Criterion	Required or Optional	Criterion Description	NC Finding Description	Corrective Action Taken
Positivo Tecnologia S.A.	Master U1500	Brazil	4.3.1.9	Optional	Minimum 90% reusable/recyclable	Insufficient documentation to prove conformance	If NC due to insufficient evidence, Manufacturer provided additional evidence to demonstrate conformance.
Samsung Electronics	S24E200BL	United States	4.2.1.2	Optional	Minimum content of postconsumer recycled plastic	Insufficient documentation to prove conformance	If NC due to insufficient evidence, Manufacturer provided additional evidence to demonstrate conformance.
Samsung Electronics	S24H650FDU	Italy	4.1.2.1	Optional	Elimination of intentionally added cadmium	Insufficient documentation to prove conformance	If NC due to insufficient evidence, Manufacturer provided additional evidence to demonstrate conformance.
Samsung Electronics	S24E450DL	Spain	4.1.2.1	Optional	Elimination of intentionally added cadmium	Insufficient documentation to prove conformance	If NC due to insufficient evidence, Manufacturer provided additional evidence to demonstrate conformance.
TEKNOSERVICE, S.L.	Teknopack	Spain	4.1.2.1	Optional	Elimination of intentionally added cadmium	Insufficient documentation to prove conformance	If NC due to insufficient evidence, Manufacturer provided additional evidence to demonstrate conformance.
TH ALPLAST	S25	Poland	4.1.2.1	Optional	Elimination of intentionally added cadmium	Insufficient documentation to prove conformance	Manufacturer did not take corrective action and CAB archived the product.
TH ALPLAST	S26	Poland	4.1.2.1	Optional	Elimination of intentionally added cadmium	Insufficient documentation to prove conformance	Manufacturer did not take corrective action and CAB archived the product.
Toshiba	Portege A30-C A30t-C PT363E, PT365E	Germany	4.3.1.9	Optional	Minimum 90% reusable/recyclable	Insufficient documentation to prove conformance	Manufacturer did not take corrective action and CAB archived the product.
Transource	MIR-Q900M	United States	4.3.1.9	Optional	Minimum 90% reusable/recyclable	Insufficient documentation to prove conformance	Product archived by Manufacturer.
Transource	Desert Storm WS-TS500	United States	4.3.1.9	Optional	Minimum 90% reusable/recyclable	Insufficient documentation to prove conformance	Product archived by Manufacturer.
ViewSonic Corporation	VG2439Smh VS14782	Canada	4.3.1.9	Optional	Minimum 90% reusable/recyclable	Insufficient documentation to prove conformance	Manufacturer did not take corrective action and CAB archived the product.
ASUSTeK Computer Inc.	VK248H-CSM	United States	4.1.2.1	Optional	Elimination of intentionally added cadmium	Demonstrated non-conformance	Other - Description: Manufacturer submitted recent testing data showing conformance for this criterion.

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.