



OUTCOMES REPORT EPEAT VERIFICATION ROUND PC-2017-04

1. Overview of Verification Round

Verification Round PC-2017-04 investigated randomly chosen IEEE 1680.1 criteria from for randomly chosen products. Sixty-nine (69) Level 0 and Level 1 investigations were conducted in this Round. Twelve Level 0 investigations were performed resulting in seven Conformances and five Inconclusive decisions. The five Inconclusive investigations were then investigated at Level 1. Sixty-two (62) Level 1 investigations were launched and one of the investigations was cancelled.

The products and criteria were selected as follows:

- All products that were currently active in the Registry were eligible for inclusion and chosen through a random selection process.
- All criteria were eligible for inclusion and chosen randomly for each selected product.
- All geographies and Manufacturers were eligible for inclusion.
- Exception as follows: If a criterion was randomly selected for a product and that product had been investigated against that criterion in the last six months, a new criterion was randomly selected for the product.
- No Manufacturer was subject to more than 5 investigations during this Round.

Exclusions: Criteria relating to plastics marking (4.3.1.4 and 4.3.2.2) were excluded due to last year's amendment to the 1043 marking standard.

2. Summary of Outcomes

Highlights from the Verification Round:

- 69 investigations planned
- 68 investigations completed
 - 54 decisions of Conformance
 - 14 decisions of Non-Conformance
 - 1 investigation Cancelled

Figure 1: Overall Conformance Status for PC-2017-04

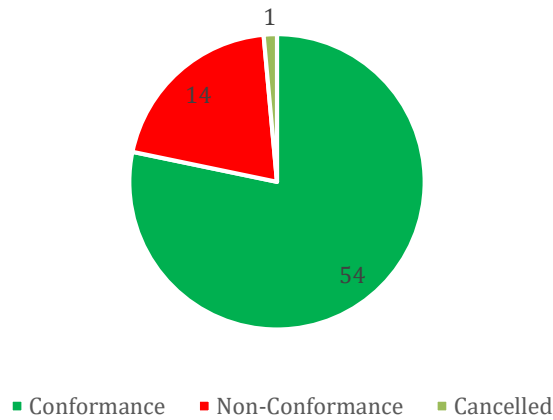
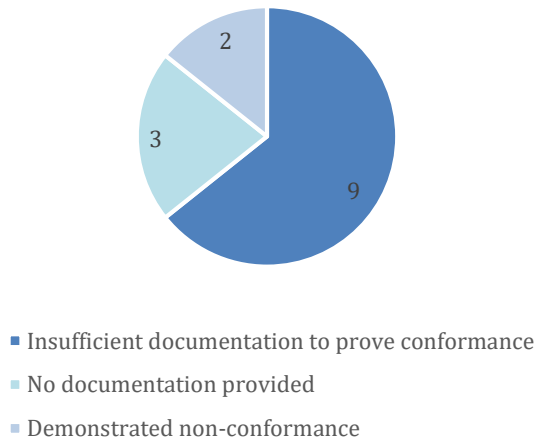


Figure 2: Reasons for Non-Conformance



The following are a list of the seventeen (17) countries that were randomly chosen for this Verification Round: Australia, Brazil, Canada, China, Czech Republic, Denmark, Germany, India, Italy, Lithuania, Mexico, Netherlands, New Zealand, Poland, Taiwan, United Kingdom, and United States.

3. Key Lessons

Criterion 4.1.6.1—Elimination of intentionally added SCCP flame retardants and plasticizers in certain applications

A common approach to investigating criterion 4.1.6.1 is for an Auditor to request a BOM that includes information on which parts contain flame retardants and plasticizers. From this list, an Auditor will choose high risk parts and request test data. Per Clarification 29 for IE 1680.1, lab tests should be dated within the last two years or a reasonable explanation of why the data is still relevant should accompany older test reports (e.g. evidence of a quality control program such as a

CAS that assures ongoing conformance, product's initial registration date, likelihood for change in the materials since the time of testing).

4. General Message to Manufacturers

Understanding documentation requirements for Verification Rounds:

You can find more guidance and examples of conformance documents in the Conformity Guidance 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 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 & Displays in 2018.

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
Daten Tecnologia Ltda	DC1D-T	Brazil	Desktops	4.3.1.1	Required	Identification of materials with special handling needs	Insufficient documentation to prove conformance	CAB Archived product. The Manufacturer provided an updated manual that met the criterion requirements. The Manufacturer indicated by email that the manual was updated on the Manufacturer website, but it could not be located.
Login Informatica	L4900	Brazil	Desktops	4.5.1.1	Required	ENERGY STAR	Insufficient documentation to prove conformance	Manufacturer did not take corrective action and CAB archived the product.
Ace Computers	Vision UT66DL	United States	Thin Clients	4.1.2.1	Optional	Elimination of intentionally added cadmium	No documentation provided	Manufacturer did not take corrective action and CAB archived the product.
Ace Computers	FORCE 12	United States	Workstations	4.3.2.1	Optional	Manual separation of plastics	Insufficient documentation to prove conformance	Manufacturer did not take corrective action and CAB archived the product.
CIARA-TECH	DISCOVERY H110MAD-DA	United States	Desktops	4.1.7.1	Optional	Batteries free of lead, cadmium, and mercury	Insufficient documentation to prove conformance	The Manufacturer attempted to provide additional test data to demonstrate conformance for this criterion, but the testing was not sufficient. CAB archived the product.
CIARA-TECH	CIARA-VIBE-CTU-TAB11	United States	Tablets/Slates	4.8.1.1	Required	Reduction/elimination of intentionally added toxics in packaging	No documentation provided	Product archived by Manufacturer.
CIARA-TECH	CIARA-DEPART-C201PA-DS02	Canada	Notebooks	4.8.2.2	Optional	Packaging 90% recyclable and plastics labeled	No documentation provided	Manufacturer did not take corrective action and CAB archived the product.
Corporativo Lanix, S.A. de C.V	LX240	Mexico	Monitors	4.1.1.1	Required	Compliance with provisions of European Union RoHS Directive	Insufficient documentation to prove conformance	Product archived by Manufacturer.
Daten Tecnologia Ltda	DT02-M4	Brazil	Notebooks	4.8.1.1	Required	Reduction/elimination of intentionally added toxics in packaging	Insufficient documentation to prove conformance	The product was already archived during the corrective action phase for PC-2017-03.
GETAC	RX10	United States	Tablets/Slates	4.3.1.6	Optional	Reduced number of plastic material types	Demonstrated non-conformance	Manufacturer did not take corrective action and CAB archived the product.

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Howard Technology Solutions, A Division of Howard	H11AKB	United States	Desktops	4.1.6.1	Required	Elimination of intentionally added SCCP flame retardants and plasticizers in certain applications	Insufficient documentation to prove conformance	The Manufacturer resubmitted documentation provided during the investigation phase as well as a new declaration in the corrective action phase, but it was not sufficient to demonstrate conformance. CAB archived the product.
Northern Micro Inc.	Spirit P8Q87-AS (SFF)	Canada	Desktops	4.1.6.1	Required	Elimination of intentionally added SCCP flame retardants and plasticizers in certain applications	Insufficient documentation to prove conformance	Product archived by Manufacturer.
Toshiba	Portege Z30t-B PT253E	United Kingdom	Notebooks	4.3.1.8	Required	Minimum 65% reusable/recyclable	Insufficient documentation to prove conformance	Product archived by Manufacturer.
Transource	Scorch SCO-750	United States	Desktops	4.8.3.1	Required	Declaration of recycled content	Demonstrated non-conformance	Manufacturer did not take corrective action and CAB archived the product.

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.