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 PC-2018-01

1. Overview of Verification Round

Verification round PC-2018-01 included Level 2/3 testing on 10 randomly selected products from 10 manufacturers whose products had never been Level 2/3 tested. 56 total investigations were conducted, based on which of the following criteria each product was claiming:

Criterion	Description of Criterion	Level 2	Level 3
4.1.1.1	Required – Compliance with provisions of European RoHS Directive		X
4.1.5.1	Optional – Elimination of intentionally added hexavalent chromium		X
4.1.8.1	Optional – Large parts free of PVC	X	X
4.3.1.3	Required – Easy disassembly of external enclosures	X	
4.3.1.5	Required – Identification and removal of components containing hazardous materials	X	
4.3.1.7	Optional – Molded/glued in metal eliminated or removable	X	
4.3.1.9	Optional – Minimum 90% reusable / recyclable	X	
4.8.2.1	Required – Separable packing materials	X	
4.8.2.2	Optional – Packaging 90% recyclable and plastics labeled	X	

All geographies were eligible for selection, and no manufacturer was subject to more than 6 investigations during the round.

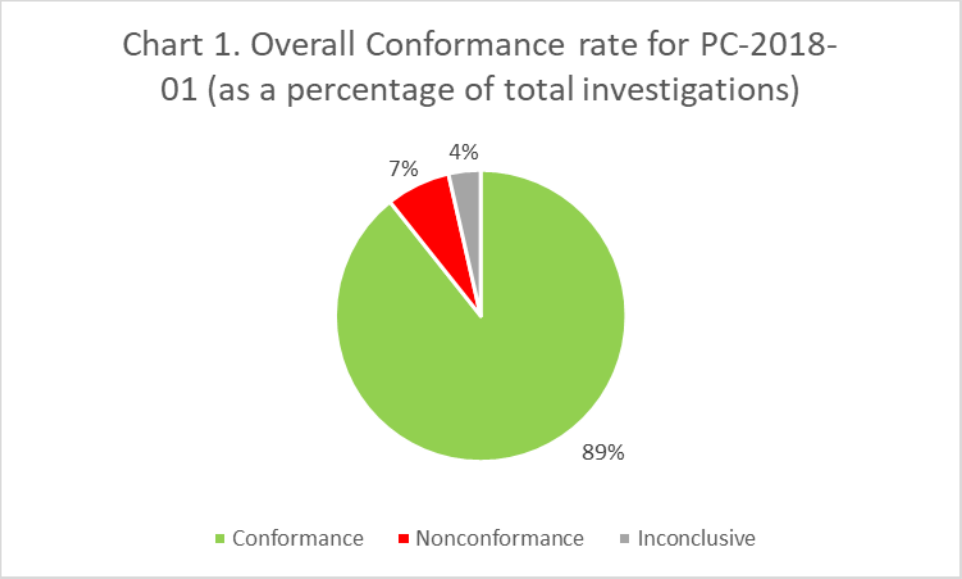
2. Summary of Outcomes

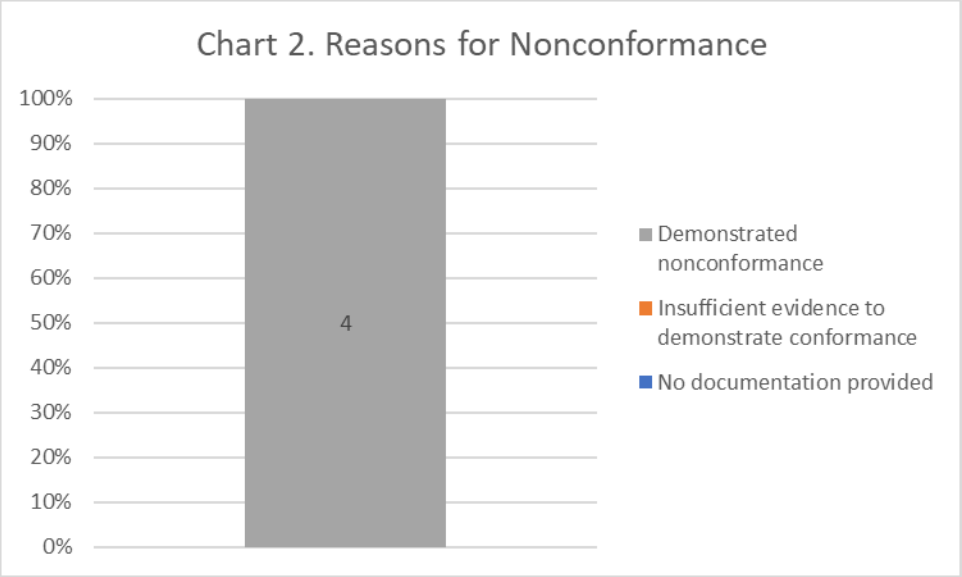
56 total investigations conducted

50 decisions of Conformance

4 decisions of Nonconformance

2 decisions of Inconclusive





3. Key Lessons

4.1.1.1 Compliance with Provisions of European Union RoHS Directive

This criterion requires that all tested components do not exceed the stipulated thresholds for restricted substances listed in the European Union RoHS Directive. It is common for certain components to be at a higher risk of exceeding these thresholds than others, so it is advisable for manufacturers to carefully manage their supply chains for RoHS-related risks.

Criterion 4.8.2.2 Optional – Packaging 90% recyclable and plastics labeled

This criterion requires that plastics be labeled appropriately. Failure to label the plastics hinders recycling and will result in a Non-Conformance.

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 "Help and FAQ" in your account on the EPEAT Registry.

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:

Two verification rounds are planned in 2019 on the newly implemented 1680.1 (2018) standard for Computers and Displays.

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 under "Help and FAQ" in your EPEAT Registry 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**
Login Informatica	L4100	Brazil	Desktops	4.1.1.1	Required	Compliance with provisions of European RoHS Directive	Demonstrated NC	If NC due to demonstrated non-conformance, Manufacturer provided evidence of changes made resulting in conformance
Northern Micro Inc.	Spirit Q170-AS	Canada	Desktops	4.8.2.2	Optional	Packaging 90% recyclable and plastics labeled	Demonstrated NC	If NC due to demonstrated non-conformance, Manufacturer provided evidence of changes made resulting in conformance
Onyx Healthcare Inc.	ONYX-BE182DT-F1-1010	United States	Integrated Desktop Computers	4.1.1.1	Required	Compliance with provisions of European RoHS Directive	Demonstrated NC	Manufacturer left the Registry prior to the start of the corrective action phase
XMA Limited	Viglen Genie Ultra Pro Vig830S Energy Star Certified	United Kingdom	Desktops	4.1.1.1	Required	Compliance with provisions of European RoHS Directive	Demonstrated NC	Product archived 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 the Conformity Assurance staff of GEC. Decisions of conformity 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 Major 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.