EPEAT Program
Continuous Monitoring Outcomes Report

Computers and Displays
CD-2021-01
April 19, 2022

1.0 Background

EPEAT® is a comprehensive voluntary sustainability Type 1 ecolabel that helps purchasers identify sustainable technology products and services. Central to EPEAT are conformity assurance activities that meet the technical rigor and credibility needs of the institutional purchasers who rely upon EPEAT. The EPEAT Program ensures the ongoing conformance of EPEAT-registered products through an ongoing surveillance process known as Continuous Monitoring. Continuous Monitoring activities occur throughout the year and test the ability of Participating Manufacturers to prove conformance with EPEAT Criteria on an ongoing basis.

Some Continuous Monitoring activities require that Investigations be conducted in discrete timeframes called Rounds. The EPEAT Program develops an individual plan for each Continuous Monitoring Round, which specifies the EPEAT Criteria to be investigated, the method of investigation that GEC-approved Conformity Assurance Bodies (CABs) must use and the specific dates when the Investigation activities must be completed. The EPEAT Program also selects the Participating Manufacturers and EPEAT-registered products and assigns Investigations to CABs, which must fully participate in and are responsible for implementing Continuous Monitoring Round activities with their Participating Manufacturer clients. Participating Manufacturers are required to cooperate fully with their GEC-approved CAB during Round activities.

To maintain the level of transparency relied on by purchasers, the EPEAT Program publishes an Outcomes Report at the conclusion of each Round to summarize the activities conducted and to identify the products and Participating Manufacturers that received major nonconformances and the actions taken to restore accuracy of the EPEAT Registry.

This document summarizes the activities and results of Continuous Monitoring Round CD-2021-01 conducted for the Computers and Displays category.

2.0 Overview of Continuous Monitoring Round CD-2021-01

2.1 Investigation Activities

As per the published Round Plan, Continuous Monitoring Round CD-2021-01 used Level 2 Investigations (laboratory evaluation of products to determine the products' conformance with specific EPEAT Criteria). GEC-approved CABs obtained the products, as identified by the EPEAT Program, from the open market without involvement of the Participating Manufacturers, where possible, and sent them for laboratory evaluation. The laboratories evaluated the products against the specified Criteria and produced reports summarizing the activities conducted and the results. GEC-approved CABs reviewed the reports, made recommendations on conformity, and sent the reports to the EPEAT Program. The EPEAT Program made the final decisions on conformity for the Investigations.

2.2 Criteria Investigated

Continuous Monitoring Round CD-2021-01 focused on criteria related to chemicals of concern. In this Round, products were selected randomly (using a random number generator) from a list of Participating Manufacturers. Each product was investigated for the Criteria identified in the table below, however if a product had not selected a Criterion, that Criterion was not Investigated.

Table 1: Criteria Investigated in Round CD-2021-01

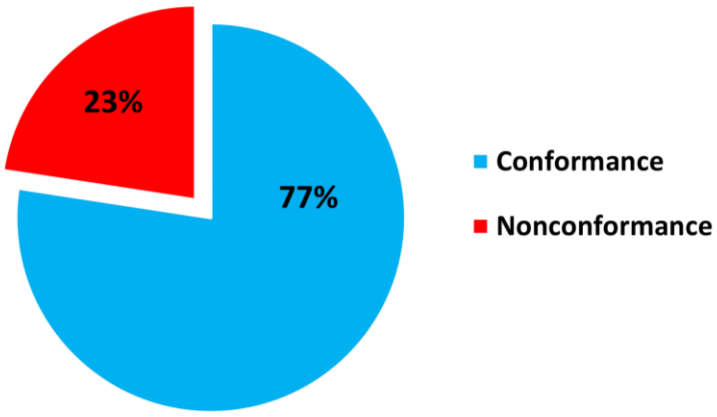
Criteria Number	Criterion Title
4.1.1.1	Conformance with European Union RoHS Directive substance restrictions
4.1.2.1	Restriction of the use of cadmium
4.1.4.1	Restriction of the use of beryllium
4.1.5.1	Reduction of bromine and chlorine content in plastic parts > 25g
4.1.5.2	Further reduction of bromine and chlorine content of plastic materials
4.1.7.1	Compliance with provisions of EU Battery Directive
4.7.1.1	Elimination of intentionally added heavy metals in packaging

3.0 Summary of Investigations and Final Decisions on Conformity for CD-2021-01

Highlights from this Continuous Monitoring Round are:

- **31** investigations completed
- **24** decisions of Conformance
- **7** decisions of Nonconformance *Further details provided in Section 4*

Figure 1: Final Conformity Decisions for CD-2021-01
(shown as percentage of total investigations)



4.0 Further Details on Nonconformances for CD-2021-01

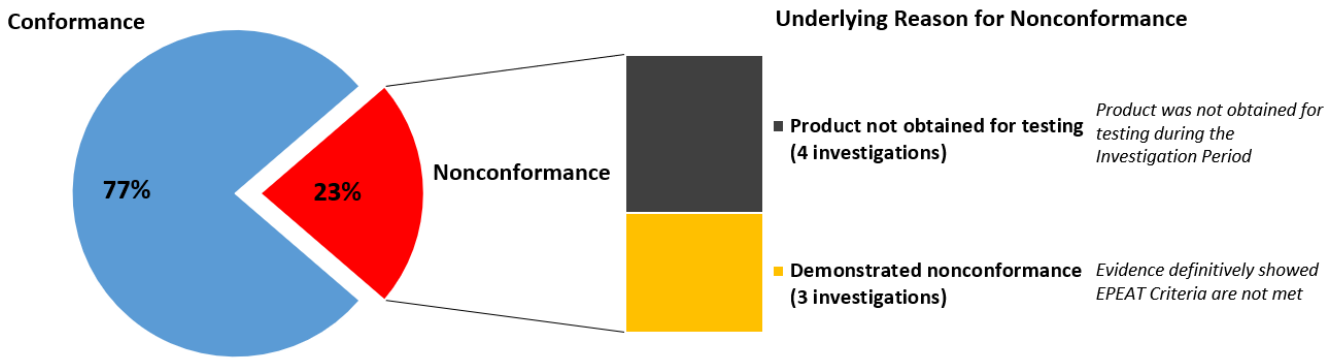
Table 2 below provides a breakdown of the nonconformances by Criterion.

Table 2: Breakdown of Nonconformances by Criterion for CD-2021-01

Criteria Number	Criterion Title	Completed Investigations	Nonconformances	Nonconformance Rate
4.1.1.1	Conformance with European Union RoHS Directive substance restrictions	7	3	43%
4.1.5.1	Reduction of bromine and chlorine content in plastic parts >25 g	7	1	14%
4.1.7.1	Compliance with provisions of EU Battery Directive	7	2	29%
4.7.1.1	Elimination of intentionally added heavy metals in packaging	7	1	14%

Figure 2 provides a further breakdown by the underlying reason for the nonconformances.

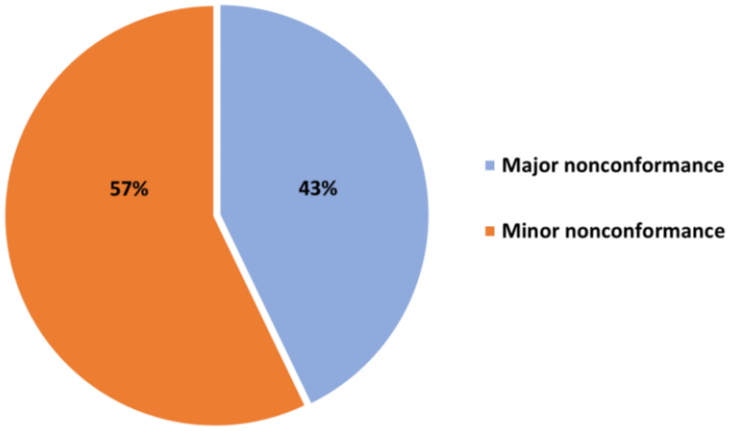
Figure 2: Underlying Reason for Nonconformances in CD-2021-01
(shown as a percentage of total nonconformances)



4.1 Major Versus Minor Nonconformances

All nonconformances must be categorized as either major or minor. For Level 2 Investigations, nonconformances may be categorized as minor if a GEC-approved CAB is unable to obtain a product from the market and the Participating Manufacturer indicated the product has reached end-of-life and is no longer available on the market. All nonconformances that do not meet the definition of minor are categorized as major.

Figure 3: Major versus Minor Nonconformances for CD-2021-01
(shown as a percentage of total nonconformances)



4.2 Major Nonconformances

All of the major nonconformances identified in this Round were "demonstrated nonconformances", which means the laboratory testing definitively found that the Criterion was not met, or that the Criterion selection in the EPEAT Registry was not correct. See Section 6.0 for more information on key findings.

5.0 Actions to Restore Conformance

Where the final conformity decision is nonconformance (whether major or minor), Participating Manufacturers must make corrections to restore the accuracy of the EPEAT Registry during the Corrective Action Phase. These activities may include providing additional evidence to demonstrate conformance with the criterion or unselecting the criteria in the EPEAT Registry. Where the product was found nonconformant and is no longer available in the marketplace, the product must be archived.

During the Corrective Action Phase, Participating Manufacturers must also develop Corrective Action Plans for other EPEAT-registered products that may be affected by the same underlying issue causing the nonconformance but were not the subject of investigation (called "similarly affected products").

The following actions were taken to restore accuracy to the EPEAT Registry as a result of Continuous Monitoring Round CD-2021-01:

- **2** investigations — Additional data provided by Participating Manufacturers, bringing the products into conformance with the Criterion
- **5** investigations — Product archived by Participating Manufacturer

Table 3 in Section 7 identifies the Participating Manufacturers and products that received major nonconformances in Continuous Monitoring Round CD-2021-01.

6.0 Key Findings

6.1 Ensure EPEAT Registry Declarations are Accurate

Participating Manufacturers are reminded to make accurate Criteria selections in the EPEAT Registry.

For Computers and Displays Criterion 4.1.7.1, Participating Manufacturers may claim “Not applicable” for products that do not contain or are not supplied with batteries. If the product does contain, or is supplied with batteries, Participating Manufacturers must select “yes” in the EPEAT Registry.

Participating Manufacturers are reminded to review their Registry selections.

6.2 Ensure End-of-Life Products are Archived

Participating Manufacturers are only able to achieve and maintain EPEAT-registration for products that are available on the market. Participating Manufacturers are required (and reminded) to archive products when they are no longer offered for sale.

6.3 Review of Conformance Assurance Process to Restrict Substances

Participating Manufacturers are reminded to review their conformance assurance processes (CAP) to manage compliance with substance restrictions to ensure they continue to address and restrict all necessary substances. Participating Manufacturers are reminded to ensure their processes cover the 4 phthalates that were added to the EU RoHS Directive in 2019: Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP).

7.0 Identification of Major Nonconformances and Corrections Made by Participating Manufacturers

In the interest of transparency, the EPEAT Program identifies the Participating Manufacturers and products that received major nonconformances and the actions taken to restore accuracy of the EPEAT Registry. Minor nonconformances are generally clerical in nature and do not materially affect the validity of products in the EPEAT Registry. As such, these are not identified in the table below.

Table 3: Summary of Major Nonconformances and Corrections Made by Participating Manufacturers

Participating Manufacturer	Product	Product Type	Country	Criterion Number	Criterion Title	Required or Optional	Underlying Reason for Nonconformance	Corrective Action Taken
ASUSTek	ASUS D425MC	Desktop	Taiwan	4.1.1.1	Conformance with European Union RoHS Directive substance restrictions	Required	Demonstrated nonconformance	Manufacturer provided evidence demonstrating conformance
Lenovo	Lenovo V30a-22IML	Integrated Desktop	Germany	4.1.1.1	Conformance with European Union RoHS Directive substance restrictions	Required	Demonstrated nonconformance	Manufacturer provided evidence demonstrating conformance
Samsung	Samsung QM75R	Signage Display	United States	4.1.7.1	Compliance with provisions of EU Battery Directive	Required	Demonstrate nonconformance	Manufacturer archived product

Document Control and Change History						
Issue	***Revision***	***Owner***	***Approver***	***Description***	***Approval Date***	***Effective Date***
1	*0*	*EPEAT Conformity Assurance Manager*	*Director, EPEAT Program*	*Initial release*		
1	*1*	*EPEAT Conformity Assurance Manager*	*Director, EPEAT Program*		*2018 Dec 11*	*2018 Dec 11*
2	*0*	*Senior Manager, Ecolabels and Resources*	*Senior Director, Ecolabels and Manufacturer Resources*	*Reformatting of document. Addition of standardized text.*	*2021 Mar 25*	*2021 Mar 30*