

EPEAT Program

Continuous Monitoring Outcomes Report



Imaging Equipment
IE-2022-02
January 5, 2023

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 nonconformances and the actions taken to restore accuracy of the EPEAT Registry.

This document summarizes the activities and results of Continuous Monitoring Round IE-2022-02 conducted for the Imaging Equipment category.

2.0 Overview of Continuous Monitoring Round IE-2022-02

2.1 Investigation Activities

As per the published [Round Plan](#), Continuous Monitoring Round IE-2022-02 used Level 1 Investigations (documentation review activities to determine Participating Manufacturers' conformance with specific EPEAT Criteria). Participating Manufacturers had a discrete time period to provide their CABs with evidence supporting conformance with the selected EPEAT Criteria. GEC-approved CABs reviewed the documentation, made recommendations on conformity based solely on the evidence provided by Participating Manufacturers, and sent Investigation Reports to the EPEAT Program. The EPEAT Program made the final decisions on conformity for the Investigations.

2.2 Criteria Investigated

Continuous Monitoring Round IE-2022-02 focused on climate change. Climate change is creating irreversible damage to the planet and threatening conditions for all life on earth—extreme temperatures and weather conditions, rising sea levels, melting ice caps, and loss of biodiversity have already been documented as a result of climate change. The primary contributor to climate change is the release of greenhouse gases into the atmosphere from the use of fossil fuels for electricity generation and other energy needs. The majority of greenhouse gas emissions from the electronics industry are often attributed to the supply chain, which includes raw materials mining, manufacture, and assembly of electronic components, as well as transportation of the finished product. Additionally, the electricity consumed to power electronic products contributes significantly to climate change as well. As a result, GEC selected Criteria which address these issues for investigation in this Round.

Participating Manufacturers were assigned one investigation per criteria (if they had selected the criterion). Both required and optional criteria were selected for investigation, and all Participating Manufacturers received at least two investigations. Products were selected randomly using a random number generator.

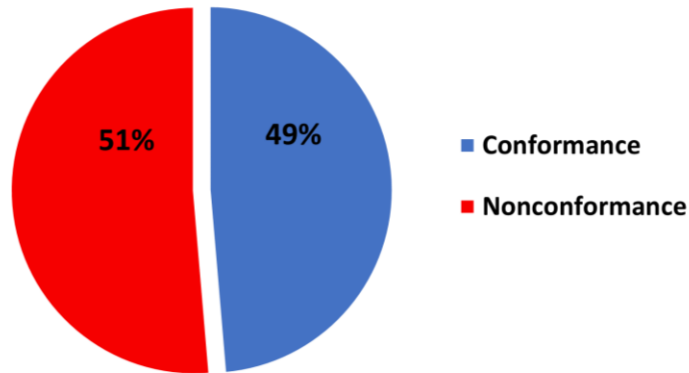
Criteria Number	Criterion Title
4.1.7.1	Reduce fluorinated gas emissions resulting from flat panel display manufacturing
4.5.1.1	ENERGY STAR®
4.5.2.1	Product specific greenhouse gas emissions - life cycle assessment
4.5.3.1	Standby power level ≤ 1 W and disclosure

3.0 Summary of Investigations and Final Decisions on Conformity for IE-2022-02

Highlights from this Continuous Monitoring Round are:

- **37** investigations completed
- **18** decisions of Conformance
- **19** decisions of Nonconformance *Further details provided in Section 4. **Note: 18 of the Nonconformances were due to CAB failure to submit an Investigation Report.***

Figure 1: Final Conformity Decisions for IE-2022-02
(shown as percentage of total investigations)



4.0 Further Details on Nonconformances for IE-2022-02

Note: 18 of the 19 Nonconformances in Continuous Monitoring Round IE-2022-02 were due to CAB failure to submit an Investigation Report. One Nonconformance was due to insufficient evidence to demonstrate conformance.

Table 2: Breakdown of Nonconformances by Criterion for IE-2022-02

Criteria Number	Criterion Title	Total Nonconformances
4.1.7.1	Reduce fluorinated gas emissions resulting from flat panel display manufacturing	2
4.5.1.1	ENERGY STAR®	7
4.5.2.1	Product specific greenhouse gas emissions - life cycle assessment	10

4.1 Minor Errors Versus Nonconformances

All nonconformances must be categorized as either a Minor Error or Nonconformance. Minor Errors are non-critical or clerical in nature and do not materially affect the validity of conformance with EPEAT Criteria. All nonconformances that do not meet the definition of minor errors are categorized as Nonconformances.

4.2 Minor Errors

For Level 1 Investigations, nonconformances may be categorized as Minor Errors for the following reasons:

- Minor human error in data entry (e.g., value cited for EPEAT-product registration is insignificantly above or below the actual value).
- Minor administrative errors (e.g., broken URLs, reports/certificates marginally outdated).
- No documentation provided by a Participating Manufacturer where the Participating Manufacturer indicated the product has reached end-of-life and is no longer available on the market.

There were no Minor Errors in Round IE-2022-02.

4.3 Nonconformances

18 out of the 19 Nonconformances in Round IE-2022-02 were due to CAB failure to submit the Investigation Report. One Nonconformance was due to insufficient evidence to demonstrate conformance.

5.0 Actions to Restore Conformance

Where the final conformity decision is Nonconformance (including Minor Errors), 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 IE-2022-02:

- **17** investigations CAB reviewed evidence originally submitted by Participating Manufacturers, which demonstrated conformance
- **2** investigations Products archived by the CAB or by the EPEAT Program

Table 3 in Section 7 identifies the Participating Manufacturers and products that received nonconformances in Continuous Monitoring Round IE-2022-02.

6.0 Key Findings

6.1 Meeting All Energy Efficiency Requirements in ENERGY STAR Specification

If a Participating Manufacturer is demonstrating that the product complies with the eligibility criteria of ENERGY STAR (as opposed to qualifying to ENERGY STAR), Participating Manufacturers must demonstrate that all energy efficiency requirements included in the ENERGY STAR specification are met, including requirements for power supplies, power management and energy demand.

6.2 Conformance to 4.5.2.1 Product specific greenhouse gas emissions—life-cycle assessment

Evidence provided for Criterion 4.5.2.1 (Product specific greenhouse gas emissions—life-cycle assessment), must identify or be linked to the product under investigation. Evidence must be provided that demonstrates that the complete cradle-to-grave life cycle assessment for the product investigated was conducted using one of the methodologies identified in the criterion.

7.0 Identification of Nonconformances and Corrections Made by Participating Manufacturers

In the interest of transparency, the EPEAT Program identifies the Participating Manufacturers and products that received nonconformances and the actions taken to restore accuracy of the EPEAT Registry. Minor errors 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 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
Fujitsu Limited	Fujitsu fi-7140	Scanner	United States	4.5.2.1	Product specific greenhouse gas emissions - life cycle assessment	Optional	CAB failure to submit Investigation Report.	CAB reviewed information originally submitted by Participating Manufacturer, which demonstrated conformance
Fujitsu Limited	ScanSnap iX1600 / P3770A	Scanner	United States	4.5.1.1	ENERGY STAR®	Required	CAB failure to submit Investigation Report.	CAB reviewed information originally submitted by Participating Manufacturer, which demonstrated conformance
HP	HP Color LaserJet Enterprise MFP M578dn	Multifunction Device	United States	4.1.7.1	Reduce fluorinated gas emissions resulting from flat panel display manufacturing	Optional	CAB failure to submit Investigation Report.	CAB reviewed information originally submitted by Participating Manufacturer, which demonstrated conformance
HP	HP Color LaserJet Managed E65160dn (3GY04A)	Multifunction Device	United States	4.5.2.1	Product specific greenhouse gas emissions - life cycle assessment	Optional	CAB failure to submit Investigation Report.	CAB reviewed information originally submitted by Participating Manufacturer, which demonstrated conformance
HP	HP LaserJet Managed Flow MFP E82560Z (X3A74A#201)	Copier	United States	4.5.2.1	Product specific greenhouse gas emissions - life cycle assessment	Optional	CAB failure to submit Investigation Report.	CAB reviewed information originally submitted by Participating Manufacturer, which demonstrated conformance
HP	HP LaserJet Managed MFP E72430dn	Multifunction Device	United States	4.5.1.1	ENERGY STAR®	Required	CAB failure to submit Investigation Report.	CAB reviewed information originally submitted by Participating Manufacturer, which demonstrated conformance
HP	HP PageWide XL 8000 Blueprinter	Printer	Australia	4.5.2.1	Product specific greenhouse gas emissions - life cycle assessment	Optional	CAB failure to submit Investigation Report.	Product archived
HP	HP Scanjet Enterprise Flow 7000 s2	Scanner	Australia	4.5.2.1	Product specific greenhouse gas emissions - life cycle assessment	Optional	CAB failure to submit Investigation Report.	Product archived
Konica Minolta	bizhub C650i	Multifunction Device	Australia	4.5.1.1	ENERGY STAR®	Required	Insufficient evidence to demonstrate conformance	Manufacturer provided evidence demonstrating conformance

Kyocera	KYOCERA ECOSYS M5526cdw	Multifunction Device	United States	4.5.2.1	Product specific greenhouse gas emissions - life cycle assessment	Optional	CAB failure to submit Investigation Report.	CAB reviewed information originally submitted by Participating Manufacturer, which demonstrated conformance
Kyocera	KYOCERA ECOSYS P4060dn	Printer	United States	4.5.1.1	ENERGY STAR®	Required	CAB failure to submit Investigation Report.	CAB reviewed information originally submitted by Participating Manufacturer, which demonstrated conformance
Ricoh	LANIER IM C6500	Multifunction Device	United States	4.5.2.1	Product specific greenhouse gas emissions - life cycle assessment	Optional	CAB failure to submit Investigation Report.	CAB reviewed information originally submitted by Participating Manufacturer, which demonstrated conformance
Ricoh	LANIER PRO C7200e	Multifunction Device	United States	4.1.7.1	Reduce fluorinated gas emissions resulting from flat panel display manufacturing	Optional	CAB failure to submit Investigation Report.	CAB reviewed information originally submitted by Participating Manufacturer, which demonstrated conformance
Ricoh	RICOH P C600	Printer	United States	4.5.2.1	Product specific greenhouse gas emissions - life cycle assessment	Optional	CAB failure to submit Investigation Report.	CAB reviewed information originally submitted by Participating Manufacturer, which demonstrated conformance
Ricoh	SAVIN MP CW2201SP	Multifunction Device	United States	4.5.1.1	ENERGY STAR®	Required	CAB failure to submit Investigation Report.	CAB reviewed information originally submitted by Participating Manufacturer, which demonstrated conformance
Riso Kagaku Corporation	RISO ComColor FT1430	Printer	United States	4.5.2.1	Product specific greenhouse gas emissions - life cycle assessment	Optional	CAB failure to submit Investigation Report.	CAB reviewed information originally submitted by Participating Manufacturer, which demonstrated conformance
Riso Kagaku Corporation	RISO ComColor GD9630	Printer	United States	4.5.1.1	ENERGY STAR®	Required	CAB failure to submit Investigation Report.	CAB reviewed information originally submitted by Participating Manufacturer, which demonstrated conformance
Sharp	SHARP MX-3071	Multifunction Device	United States	4.5.1.1	ENERGY STAR®	Required	CAB failure to submit Investigation Report.	CAB reviewed information originally submitted by Participating Manufacturer, which demonstrated conformance
Sharp	SHARP MX-M3051	Multifunction Device	United States	4.5.2.1	Product specific greenhouse gas emissions - life cycle assessment	Optional	CAB failure to submit Investigation Report.	CAB reviewed information originally submitted by Participating Manufacturer, which demonstrated conformance

<i>Document Control and Change History</i>						
<i>Issue</i>	<i>Revision</i>	<i>Owner</i>	<i>Approver</i>	<i>Description</i>	<i>Approval Date</i>	<i>Effective Date</i>
1	0	<i>EPEAT Conformity Assurance Manager</i>	<i>Director, EPEAT Program</i>	<i>Initial release</i>		
1	1	<i>EPEAT Conformity Assurance Manager</i>	<i>Director, EPEAT Program</i>		<i>2018 Dec 11</i>	<i>2018 Dec 11</i>
2	0	<i>Senior Manager, Ecolabels and Resources</i>	<i>Senior Director, Ecolabels and Manufacturer Resources</i>	<i>Reformatting of document. Addition of standardized text.</i>	<i>2021 Mar 25</i>	<i>2021 Mar 30</i>
2	1	<i>Senior Manager, Ecolabels and Resources</i>	<i>Vice President, Ecolabels and Manufacturer Resources</i>	<i>Updated terminology for nonconformances to include "nonconformances" and "minor errors", in alignment with revisions to P66.</i>	<i>2022 Sep 15</i>	<i>2022 Sep 30</i>