



OUTCOMES REPORT EPEAT VERIFICATION ROUND 2012-06

1. Summary and Details of Verification Round 2012-06

This report provides the detailed results of EPEAT Verification Round 2012-06. Round 2012-06 consisted of 110 investigations of randomly selected products for the criteria listed below:

- 4.1.1.1 Required – Compliance with provisions of European RoHS Directive
- 4.1.2.1 Optional – Elimination of intentionally added cadmium
- 4.1.3.1 Optional – Reporting on amount of mercury used in light sources
- 4.1.4.1 Optional – Elimination of intentionally added lead in certain applications
- 4.1.5.1 Optional – Elimination of intentionally added hexavalent chromium
- 4.1.6.1 Required – Elimination of intentionally added SCCP18 flame retardants and plasticizers in certain applications
- 4.1.6.2 Optional – Large plastic parts free of certain flame retardants classified under European Council Directive 67/548/EEC
- 4.1.7.1 Optional – Batteries free of lead, cadmium, and mercury
- 4.1.8.1 Optional – Large plastic parts free of PVC
- 4.2.1.1 Required – Declaration of postconsumer recycled plastic content
- 4.2.1.3 Optional – Higher content of postconsumer recycled plastic
- 4.2.2.1 Required – Declaration of renewable / biobased plastic materials content
- 4.2.3.1 Required – Declaration of product weight
- 4.3.1.1 Required – Identification of materials with special handling needs
- 4.3.1.2 Required – Elimination of paints or coatings that are not compatible with recycling or reuse
- 4.3.1.3 Required – Easy disassembly of external enclosure
- 4.3.1.4 Required – Marking of plastic components
- 4.3.1.5 Required – Identification and removal of components containing hazardous materials
- 4.3.1.6 Optional – Reduced number of plastic material types
- 4.3.1.7 Optional – Molded / glued in metal eliminated or removable
- 4.3.1.8 Required – Minimum 65% reusable / recyclable
- 4.3.1.9 Optional – Minimum 90% reusable / recyclable
- 4.3.2.1 Optional – Manual separation of plastics
- 4.3.2.2 Optional – Marking of plastics
- 4.4.1.1 Required – Availability of additional 3 year warranty or service agreement
- 4.4.2.1 Required – Upgradeable with common tools
- 4.4.2.2 Optional – Modular design



- 4.4.3.1 Optional – Availability of replacement parts
- 4.5.1.1 Required – ENERGY STAR
- 4.5.2.1 Optional – Early adoption of new ENERGY STAR specification
- 4.6.1.1 Required – Provision of product take-back service
- 4.6.1.2 Optional – Auditing of recycling vendors
- 4.7.1.1 Required – Demonstration of corporate environmental policy consistent with ISO 14001
- 4.7.2.1 Required – Self-certified environmental management system for design and manufacturing organizations
- 4.7.2.2 Optional – Third-party certified environmental management system for design and manufacturing organizations
- 4.7.3.1 Required – Corporate report consistent with Performance Track or GRI
- 4.8.1.1 Required – Reduction / elimination of intentionally added toxics in packaging
- 4.8.2.1 Required – Separable packing materials
- 4.8.2.2 Optional – Packaging 90% recyclable and plastics labeled
- 4.8.3.2 Optional – Minimum postconsumer content guidelines
- 4.8.4.1 Optional – Provision of take-back program for packaging

This Verification Round consisted of 110 investigations where the products and the criteria were randomly chosen. All products active at the beginning of the Verification Round were eligible for inclusion in this Round. All criteria, geographies and Subscribers were also eligible for inclusion. 41 of the 51 criteria in IEEE 1680.1 were randomly selected for at least one investigation in this round. All Subscribers with active products were included in this round but no Subscriber was subjected to more than 4 investigations. The Verification Round was performed using Level 1 investigations (review of Subscriber submissions).

2. Outcomes of Round 2012-06

Following are the specific highlights of Round 2012-06.

- 110 investigations were planned for this round.
- 109 investigations were completed for this round.
- 1 investigation still pending.
- 87 investigations resulted in Conformance.
- 23 investigations resulted in Non-Conformance.
 - 15 out of 41 criteria under investigation had at least one Non-Conformance finding.
- Investigations resulting in Non-Conformance findings are identified in Table 1 and the details and identification of the Subscribers and products in Table 2. Following the investigation phase corrective actions were taken to resolve all identified Non-Conformances and restore the accuracy of the EPEAT Registry. The impacts of these corrective actions on the Registry were:
 - EPEAT archived 8 products. Of these, one of the Subscribers moved to “inactive status” during this Verification Round.
 - Subscribers archived 5 products.



- o 3 Subscribers provided additional data which brought them into Conformance with the criteria as originally declared.
- o 3 Subscribers corrected the declaration on the EPEAT Registry.
- o 3 Subscribers undeclared the Non-Conformant criterion.
- o 1 of the investigations remains open pending an investigation into the Netherland’s take-back system.

This Verification Round found four categories of Non-Conformance findings.

- 1) In 4 investigations, all elements of the criterion were not met.
- 2) In 6 investigations, inadequate information was provided.
- 3) In 8 investigations, the Subscriber provided no evidence.
- 4) In 5 investigations, the declaration on the EPEAT Registry was found to be inaccurate.

3. General Message to Subscribers:

- a. *IEEE 1680 and the EPEAT Subscriber agreements require that Subscribers provide the information identified in Verification Requirements to prove the accuracy of their declarations within 30 days of EPEAT’s request. Failure to provide that information is inconsistent with the agreement and may result in termination of the Subscriber from EPEAT.*
- b. *When contacted regarding participation in a Verification Round, EPEAT staff request that you respond to the Qualified Verifier quickly to let them know they are communicating with the correct person or to inform them who they should be communicating with. This also helps the Qualified Verifier know they have a valid email address.*
- c. *Non-Conformances found in this Verification Round will be used to guide the verification planning in 2013.*

4. Looking Forward

1. **Plans for Future Verification Activities:** There are 6 Verification Rounds planned for 2013 for 1680.1 for Computers and Displays. Investigations will include Level 1, Level 2 and Level 3 investigations.
2. **Conformity Assessment Protocols:** This and all future rounds will be conducted according to the guidance provided in the Conformity Assessment Protocols posted on www.epeat.net.

5. Investigation Tables

TABLE 1: Non-Conformance Findings

Criterion	Required or Optional	Description	Total # of Investigations	# of completed investigations	# of Non-Conformances
4.1.1.1	Required	Compliance with provisions of European RoHS Directive	6	6	1
4.1.2.1	Optional	Elimination of intentionally added cadmium	4	4	2
4.1.3.1	Required	Reporting on amount of mercury used in light sources	2	2	0



Criterion	Required or Optional	Description	Total # of Investigations	# of completed investigations	# of Non-Conformances
4.1.4.1	Optional	Elimination of intentionally added lead in certain applications	1	1	0
4.1.5.1	Optional	Elimination of intentionally added hexavalent chromium	3	3	0
4.1.6.1	Required	Elimination of intentionally added SCCPs	1	1	0
4.1.6.2	Optional	Large plastic parts free of certain flame retardants classified under EU Council Directive 67/548/EEC	4	4	2
4.1.7.1	Optional	Batteries free of lead, cadmium, and mercury	1	1	0
4.1.8.1	Optional	Large plastic parts free of PVC	2	2	1
4.2.1.1	Required	Declaration of PCR plastic content	2	2	1
4.2.1.3	Optional	Higher content of PCR recycled plastic	1	1	1
4.2.2.1	Required	Declaration of renewable/biobased plastic materials content	1	1	0
4.2.3.1	Required	Declaration of product weight	6	6	2
4.3.1.1	Required	Identification of materials with special handling needs	3	3	0
4.3.1.2	Required	Elimination of paints or coatings that are not compatible with recycling or reuse	1	1	0
4.3.1.3	Required	Easy disassembly of external enclosure	5	5	0
4.3.1.4	Required	Marking of plastic components	3	3	1
4.3.1.5	Required	Identification and removal of components containing hazardous materials	7	7	2
4.3.1.6	Optional	Reduced number of plastic material types	2	2	0
4.3.1.7	Optional	Molded/glued in metal eliminated or removable	6	6	0
4.3.1.8	Required	Minimum 65% reusable / recyclable	1	1	1
4.3.1.9	Optional	Minimum 90% reusable / recyclable	3	3	0



Criterion	Required or Optional	Description	Total # of Investigations	# of completed investigations	# of Non-Conformances
4.3.2.1	Optional	Manual separation of plastics	3	3	1
4.3.2.2	Optional	Modular design	3	3	0
4.4.1.1	Required	Availability of additional 3 year warranty or service agreement	2	2	0
4.4.2.1	Required	Upgradeable with common tools	2	2	0
4.4.2.2	Optional	Modular design	1	1	0
4.4.3.1	Optional	Availability of replacement parts	3	3	0
4.5.1.1	Required	ENERGY STAR	1	1	0
4.5.2.1	Optional	Renewable energy accessory available	2	2	0
4.6.1.1	Required	Provision of product take-back service	4	3	2
4.6.1.2	Optional	Auditing of recycling vendors	2	2	2
4.7.1.1	Required	Demonstration of corporate environment policy consistent with ISO 14001	4	4	0
4.7.2.1	Optional	Self-certified environmental management system for design and manufacturing organizations	2	2	1
4.7.2.2	Optional	3rd party certified EMS	3	3	0
4.7.3.1	Required	Corporate report consistent with Performance Track or GRI	1	1	0
4.8.1.1	Optional	Reduction / elimination of intentionally added toxics in packaging	2	2	0
4.8.2.1	Required	Separable packaging materials	1	1	0
4.8.2.2	Required	Packaging 90% recyclable and plastics labeled	3	3	3
4.8.3.2	Optional	Minimum postconsumer content guidelines	2	2	0
4.8.4.1	Optional	Provision of take-back program for packaging	4	4	0
		Totals	110	109	23



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TABLE 2: Non-Conformance Findings: Corrective Actions Taken

Subscriber	Product	Country	Product Type	Criterion	R or O	Criterion Description	Description of NC Finding	Corrective Action Taken
NEC Display Solutions, Inc.	NEC MultiSync E201W	Denmark	Displays	4.1.1.1	Required	Compliance with provisions of European RoHS Directive	No information was provided.	Subscriber provided evidence demonstrating Conformance.
Semp Toshiba Informatica Ltda.	STI CS 5123	Brazil	Desktops	4.1.2.1	Optional	Elimination of intentionally added cadmium	Inadequate information was provided.	Subscriber undeclared criterion.
ViewSonic Corporation	ViewSonic VA1931w;VA1931wm;VA1931wa;VA1931wma/VS13208	United States	Displays	4.1.2.1	Optional	Elimination of intentionally added cadmium	Inadequate information was provided.	Product was archived by Subscriber.
General Dynamics Itronix	General Dynamics Itronix GD8000	United States	Notebooks	4.1.6.2	Optional	Large plastic parts free of certain flame retardants classified under EU Council Directive 67/548/EEC	No information was provided.	Product was archived by EPEAT.
ViewSonic Corporation	ViewSonic VG2228wm/VS12512	United States	Displays	4.1.6.2	Optional	Large plastic parts free of certain flame retardants classified under EU Council Directive 67/548/EEC	No information was provided.	Product was archived by Subscriber.



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Subscriber	Product	Country	Product Type	Criterion	R or O	Criterion Description	Description of NC Finding	Corrective Action Taken
NEC Display Solutions, Inc.	NEC E231W-WH	Liechtenstein	Displays	4.1.8.1	Optional	Large plastic parts free of PVC	Inadequate information was provided.	Product was archived by EPEAT.
NEC Display Solutions, Inc.	NEC EX201W White Model	Czech Republic	Displays	4.2.1.1	Required	Declaration of postconsumer recycled plastic content	Inadequate information was provided.	Subscriber provided evidence demonstrating Conformance.
Hewlett-Packard	HP 1912nc 18.5-inch Internet Monitor	Poland	Displays	4.2.1.3	Optional	Higher content of PCR recycled plastic	The declaration on the EPEAT Registry was inaccurate.	Subscriber fixed declaration on the EPEAT Registry.
CTL Corporation	CTL LP2001	United States	Displays	4.2.3.1	Required	Declaration of product weight	The declaration on the EPEAT Registry was inaccurate.	Subscriber fixed declaration on the EPEAT Registry.
Login Informatica	Login Informatica L4100	Brazil	Desktops	4.2.3.1	Required	Declaration of product weight	The declaration on the EPEAT Registry was inaccurate.	Subscriber fixed declaration on the EPEAT Registry.
ViewSonic Corporation	ViewSonic VG2732m-LED/VS14102	United States	Displays	4.3.1.4	Required	Marking of plastic components	No information was provided.	Product was archived by EPEAT.



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Subscriber	Product	Country	Product Type	Criterion	R or O	Criterion Description	Description of NC Finding	Corrective Action Taken
Procomp	Diebold DT-9850	Brazil	Desktops	4.3.1.5	Required	Identification and removal of components containing hazardous materials	No information was provided.	Product was archived by EPEAT.
ViewSonic Corporation	ViewSonic VA705b/VS13021	United States	Displays	4.3.1.5	Required	Identification and removal of components containing hazardous materials	No information was provided.	Product was archived by Subscriber.
TH ALPLAST	ADS S12f	Poland	Desktops	4.3.1.8	Required	Minimum 65% reusable / recyclable.	No information was provided.	Product was archived by Subscriber.
TEKNOSERVIC E, S.L.	TTL Computer® TeknoXPro	Spain	Notebooks	4.3.2.1	Required	Manual separation of plastics	Inadequate information was provided.	Product was archived by EPEAT.
MMD-Monitors & Displays Taiwan Ltd.	PHILIPS 222E2	Sweden	Displays	4.8.2.2	Optional	Packaging 90% recyclable and plastics labeled	The declaration on the EPEAT Registry was inaccurate.	Subscriber undeclared criterion.
TH ALPLAST	ADS S24	Poland	Desktops	4.8.2.2	Optional	Packaging 90% recyclable and plastics labeled	No information was provided.	Subscriber provided evidence proving Conformance.
TPV Technology Limited	AOC E2060SDA	United States	Displays	4.8.2.2	Optional	Packaging 90% recyclable and plastics labeled	All elements of the criterion were not met.	Subscriber undeclared criterion.



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Subscriber	Product	Country	Product Type	Criterion	R or O	Criterion Description	Description of NC Finding	Corrective Action Taken
Digibras Industria do Brasil S/A	CCE Win Desk 6100	Brazil	Desktops	4.6.1.1	Required	Provision of product take-back service	The declaration on the EPEAT Registry was inaccurate.	Product was archived by Subscriber.
Iiyama corporation	Iiyama ProLite E2280WSD	Netherlands	Displays	4.6.1.1	Required	Provision of product take-back service	All elements of the criterion were not met.	Pending investigation into Netherlands take-back system.
EIZO NANAO Corporation	Eizo FlexScan S2202W	United States	Displays	4.6.1.2	Optional	Auditing of recycling vendors	All elements of the criterion were not met.	Product was archived by EPEAT.
LG Electronics USA, Inc.	LG E2211T	United States	Displays	4.6.1.2	Optional	Auditing of recycling vendors	All elements of the criterion were not met.	Product was archived by EPEAT.
Grace Global, Inc.	Grace J-Box Grace J-Box VR500	United States	Desktops	4.7.2.1	Required	Self-certified environmental management system for design and manufacturing organizations	Inadequate information was provided.	Product was archived by EPEAT.



6. Background

To assure the credibility of the EPEAT Registry, verification of the claims by participating manufacturers (called “Subscribers”) are rigorous, independent and transparent. Verification is conducted strictly according to policies and procedures described in the IEEE 1680 Standard and in documents provided on www.epeat.net. Subscribers are given no forewarning that their products will be verified and verification is performed based on the declarations as they are in the database at the time the round begins.

In level one verification investigations, Subscribers are required to provide detailed and accurate information to demonstrate their conformance to each criterion of the standard in a timely manner that demonstrates Conformance, such as supply chain management records. In level two and three investigations EPEAT buys or borrows products without the Subscriber’s knowledge, disassembles them, and conducts detailed analytical testing if needed. Level two investigations can also take the form of site visits. Investigations are performed by expert technical contractors who are free of conflicts of interest, and their recommended decisions are reviewed and finalized by a 5-person panel of independent technical experts (called the Product Verification Committee or PVC) who are also contractors free of conflicts of interest. Verification activities conducted by the Product Verification Committee are done blind to the identity of the products and companies they are judging. This panel makes a Conformance/Non-Conformance decision on each investigation, based on evidence collected and analyzed by Qualified Verifiers. 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.

Subscribers must correct Non-Conformance, either by bringing the product into Conformance, by un-declaring the criterion until Conformance is achieved, or by removing the product from the registry, and they must do so for all products that are similarly incorrectly declared, not only the product(s) that were investigated. If they correct the Non-Conformance by un-declaring the criterion and the criterion is an optional criterion, they lose a 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, all their products must be archived.