



VERIFICATION PLAN – ROUND PC-2013-05

Personal Computers and Displays

November 2013

I. PURPOSE AND CONTENTS OF THIS DOCUMENT

This document outlines the plan for a round of investigations to be performed in accordance with EPEAT process document QP-02, rev. 1, this verification plan, and other governing documents.

II. APPLICABLE STANDARDS

IEEE 1680.1™-2009

III. SELECTION OF CRITERIA AND PRODUCTS FOR VERIFICATION

Verification Round PC-2013-05 will initially focus on Level 2 investigations. Products will be purchased without the knowledge or participation of the manufacturer, and disassembled and inspected to verify conformance with the following eight criteria:

- 4.3.1.3 Required – Easy disassembly of external enclosures;
- 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;
- 4.3.2.1 Optional – Manual separation of plastics;
- 4.3.2.2 Optional – Marking of plastics;
- 4.8.2.1 Required – Separable packing materials; and
- 4.8.2.2 Optional – Packaging 90% recyclable and plastics labeled.

Should the Level 2 investigation results for criterion 4.3.2.2 indicate that a plastic component greater than 25 grams is likely marked incorrectly (i.e. the type of plastic appears to be different from that shown in the ISO 11469 material marking code), EPEAT may conduct a Level 3 investigation (analytical testing) on the plastic component to determine the component's composition.

Prior to the beginning of this Round, EPEAT staff examined the number of investigations performed against these criteria in the last six months, and the number of Subscribers that declared the optional criteria. Forty-six investigations are planned for this Round, and were chosen as follows:

- All Subscribers and product-criterion combinations were considered for inclusion in Round PC-2013-05, with one exception. Products that have been investigated in the last six months for the target criteria were excluded from selection for this Round.
- After this initial filtering, EPEAT staff reviewed the Registry to determine which products are claiming at least four of the five optional criteria listed above. Six products were chosen for investigation from this list.
- A range of different product types were selected – two desktops, two notebooks, one integrated desktop and one display. All products must be available from consumer retailers located in the United States. Only one product was chosen per Subscriber.

Once the Product Verification Committee has approved this Round Plan, the Verification Round will proceed in accordance with the current procedures, as follows:

1. EPEAT will take a “snapshot” of the Registry. Products will be selected as per this document.
2. The Verification Round Plan will be published on epeat.net.
3. EPEAT will instruct PREs (if applicable – see Section V) to proceed with the investigations.
4. The PREs will assign investigations to (a) Qualified Verifier(s).
5. Qualified Verifiers will notify the subject Subscribers that their products are being investigated, perform the investigations as assigned, and complete an Investigation Report for each investigation, recommending conformance or nonconformance. The Qualified Verifiers will submit their reports to their respective PRE.
6. The PRE will review the Investigation Report written by Qualified Verifiers to ensure it is clear and complete and the evidence supports the recommendation, and will forward it to EPEAT.
7. The Product Verification Committee will review the reports and determine conformity. The products and Subscribers being verified will not be disclosed to the Product Verification Committee. The Product Verification Committee is blind to the specific product and Subscriber for which they are making conformity decisions.
8. The subject Subscribers will be informed of the decision. For decisions of Non-Conformance, Subscribers are required to take corrective action within 14 calendar days to restore the accuracy of the EPEAT Registry.
9. EPEAT will publish a "Verification Round Outcomes Report" identifying the nonconforming products and Subscribers, as well as the action taken to restore accuracy of the Registry.

IV. PRODUCT VERIFICATION COMMITTEE

The following individuals are the members of the Product Verification Committee:

- Libby Chaplin, CEO, Arcadian Solutions
- Patty Dillon, Dillon Environmental Associates
- Jack Geibig, President, Ecoform
- Annette Roesler, Ph.D., Independent Professional Chemist
- Robert Pfahl, Pfahl Consulting L.L.C.

V. PRODUCT REGISTRATION ENTITIES AND QUALIFIED VERIFIERS

Qualified Verifiers working for their respective Product Registration Entity will conduct all investigations. The following Product Registration Entities may be involved in investigations for this Verification Round:

- EPEAT
- CESI

VI. VERIFICATION ROUND PLAN APPROVAL

Verification Round Plan approved by the Product Verification Committee by e-mail on November 8, 2013.

VII. PERSONAL COMPUTERS AND DISPLAYS VERIFICATION ROUND PC-2013-05 INVESTIGATIONS

Criterion		Verification Selection and Process	# Planned Investigations
4.3.1.3	Required – Easy disassembly of external enclosures	<ul style="list-style-type: none"> Level 2 investigations only. All products will be included in the selection process. Exclusions: Products investigated for this criterion within the last six months. 	6
4.3.1.5	Required – Identification and removal of components containing hazardous materials	<ul style="list-style-type: none"> Level 2 investigations only. All products will be included in the selection process. Exclusions: Products investigated for this criterion within the last six months. 	6
4.3.1.6	Optional – Reduced number of plastic material types	<ul style="list-style-type: none"> Level 2 investigations only. Only products declaring 4.3.1.6 will be included in the selection process. Exclusions: Products investigated for this criterion within the last six months. 	6
4.3.1.7	Optional – Molded/glued in metal eliminated or removable	<ul style="list-style-type: none"> Level 2 investigations only. Only products declaring 4.3.1.7 will be included in the selection process. Exclusions: Products investigated for this criterion within the last six months. 	6
4.3.2.1	Optional – Manual separation of plastics	<ul style="list-style-type: none"> Level 2 investigations only. Only products declaring 4.3.2.1 will be included in the selection process. Exclusions: Products investigated for this criterion within the last six months. 	6
4.3.2.2	Optional – Marking of plastics	<ul style="list-style-type: none"> Level 2 investigations only. Only products declaring 4.3.2.2 will be included in the selection process. Exclusions: Products investigated for this criterion within the last six months. 	6
4.8.2.1	Required – Separable packing materials	<ul style="list-style-type: none"> Level 2 investigations only. All products will be included in the selection process. Exclusions: Products investigated for this criterion within the last six months. 	6
4.8.2.2	Optional – Packaging 90% recyclable and plastics identified	<ul style="list-style-type: none"> Level 2 investigations only. Only products declaring 4.8.2.2 will be included in the selection process. Exclusions: Products investigated for this criterion within the last six months. 	4
Total			46