Green Electronics Council

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PLAN FOR VERIFICATION ROUND PC-2016-03

PCs and Displays
August 2016

I. PURPOSE AND CONTENTS OF THIS DOCUMENT

This document outlines the plan for a Verification Round of Investigations to be performed in accordance with the P15 Verification Procedure, this Verification Plan, and other governing documents.

II. SELECTION OF CRITERIA AND PRODUCTS FOR VERIFICATION

Verification Round PC-2016-03 will investigate tablets / slates claiming criterion 4.4.2.2. Nine (9) Level 1 investigations are planned for this Round which may become Level 2 investigations in the event Conformance to 4.4.2.2 cannot be demonstrated. In addition, this round will contain fourteen (14) Level 2 / 3 investigations for PC and Display products where the manufacturer has never undergone Level 2 / 3 lab testing.

In Level 1 investigations, an Auditor assesses Conformance to a criterion by examining information submitted by a Participating Manufacturer. The Manufacturer is required to provide detailed and accurate information in a 60-day period. In Level 2 investigations, the Conformity Assurance Body (CAB) obtains a product and has the product disassembled and inspected to assess conformance with one or more criteria. In Level 3 investigations, the CAB obtains a product, and has the product analytically tested to assess conformance with one or more criteria.

<u>Level 1 Investigations: Targeted Criterion - 4.4.2.2:</u>
Manufacturers with tablets / slates claiming criterion 4.4.2.2 will be investigated first with a Level 1 investigation. In the event Conformance to 4.4.2.2 cannot be demonstrated, the Level 1 investigations may then move to Level 2 investigations.

Due to the nature of Criterion 4.4.2.2, the EPEAT Scheme has determined that the scope of accredited labs typically does not include this type of disassembly and assembly. Based on the outcomes of the Level 1 investigations, the EPEAT Scheme expects to know more about the types of service providers' best suited to do this type of disassembly and assembly. Therefore, for the Level 2 Investigations, the EPEAT Scheme may engage with authorized service centers or other expert bodies to perform necessary disassembly and assembly.

The products and criteria will be selected as follows:

	Selection Process:	***Notes:***
	⬇	
Step 1	A list of all tablets / slates will be pulled from the EPEAT Registry.	*All tablets / slates that are currently active in the Registry will be included.*

Step 2	Select only tablets / slates claiming 4.4.2.2. From this list, GEC will randomly select a product for each Manufacturer claiming 4.4.2.2.	*All manufacturers claiming 4.4.2.2 for tablets / slates will be investigated for this criterion.*

- All geographies and Manufacturers with tablets / slates are eligible for inclusion.
- Exception is as follows: If a product has been investigated for 4.4.2.2 in the last six months, a new product will be randomly selected.
- Only one Level 1 investigation will be chosen for each Manufacturers with tablets / slates claiming 4.4.2.2. This number does not include the Level 2/3 Investigations below.

Level 2/3 Investigations - Targeted Criteria and Manufacturers:

Verification Round PC-2016-02 will contain up to fourteen (14) Level 2 / 3 lab tests on two products. These products will be randomly chosen from a list of manufacturers that have not yet had products Level 2 / 3 lab testing. Each product will be investigated for all criteria listed in the table below which are currently being claimed, as applicable.

Criterion	Description of Criterion	Level 2	Level 3
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	
4.3.2.2	Optional – Marking of plastics	X	X
4.8.2.1	Required – Separable packing materials	X	
4.8.2.2	Optional – Packaging 90% recyclable and plastics labeled	X	

The products and criteria will be selected as follows:

	Selection Process:	*Notes:*
Step 1	A list of products for manufacturers whose products have never been Level 2 / 3 tested will be pulled from the EPEAT Registry.	*Only products that are currently active in the Registry will be included.*
Step 2	Randomly select two manufacturers from the list.	*Only manufacturers who have never been Level 2 / 3 tested will be considered for this criterion.*
Step 3	For each of the two manufacturers, randomly select one product for testing.	*All active products from each of the two manufacturers will be considered for testing.*

- All geographies and Manufacturers who have not had products that have been Level 2 / 3 tested are eligible for inclusion.
- Exception is as follows: If a product is randomly selected and a chosen criteria has been investigated in the last six months, a new product will be randomly selected.

III. VERIFICATION PROCESS

Level 1 Investigations - Targeted Criteria and Manufacturers:

The Level 1 portion of the Verification Round will proceed in accordance with current procedures, as outlined below.

1. The EPEAT Scheme will take a "snapshot" of the Registry, from which products will be selected for investigation.
2. The EPEAT Scheme will instruct Conformity Assurance Bodies (if applicable – see Section V) to proceed with the investigations.
3. Conformity Assurance Bodies will assign investigations to (an) Auditor(s), and will notify the subject Manufacturers that their products are being investigated.
4. The EPEAT Scheme will publish the Verification Round Plan on epeat.net.
5. The Auditors will perform the investigations as assigned within 60 calendar days, and prepare an Investigation Report for each investigation, recommending conformance or nonconformance.
6. Conformity Assurance Bodies will review all Investigation Reports to ensure they are clear and complete and the evidence supports the recommendation, and will forward the Report and supporting evidence to the EPEAT Scheme. At the same time, Conformity Assurance Body will

forward the draft Reports (without the final Conformity Decision Panel decision) to the subject Manufacturers.

7. The Conformity Decision Panel will review the reports and make a decision regarding conformity. The identity of the products and Manufacturers will not be disclosed to the Conformity Decision Panel. The Conformity Decision Panel will be blind to the specific products and Manufacturers for which they are making conformity decisions.

8. In the case of a finding of inconclusive or Non-Conformant, the EPEAT Scheme may launch a Level 2 investigation. The Verification Process for Level 2 investigations can be seen below.

9. Conformity Assurance Bodies will inform the subject Manufacturers of the Conformity Decision Panel's conformity decision. For decisions of Non-Conformance, Manufacturers will be required to take corrective action within 14 calendar days to restore the accuracy of the declaration in the EPEAT Registry.

10. The EPEAT Scheme will publish a "Verification Round Outcomes Report" identifying the nonconforming products and Manufacturers, as well as the action taken to restore accuracy of the declarations in the Registry.

Level 2/3 Investigations - Targeted Criteria and Manufacturers:

The Level 2/3 portion of the Verification Round will proceed in accordance with the current procedures, as outlined below.

1. The EPEAT Scheme will take a "snapshot" of the Registry. Products will be selected as per this document.

2. The EPEAT Scheme will instruct Conformity Assurance Body (if applicable – see Section V) to proceed with product purchase and the Level 2/3 investigations.

3. After obtaining the products, the Conformity Assurance Body will notify their subject Manufacturers that their products are being investigated, if applicable.

4. The EPEAT Scheme will publish the Verification Round Plan on epeat.net.

5. Conformity Assurance Body will review all Investigation Reports to ensure they are clear, complete and the evidence supports the recommendation, and will forward the Reports and supporting evidence to the EPEAT Scheme. At the same time, Conformity Assurance Body will forward the draft Reports (without the final Conformity Decision Panel's decision) to the subject Manufacturers.

6. The Conformity Decision Panel will review the reports and make a decision regarding conformity. The products and Manufacturers will not be disclosed to the Conformity Decision Panel, as the Panel must be blind to the specific product and Manufacturer for which they are making conformity decisions.

7. Conformity Assurance Body will inform the subject Manufacturers of the Conformity Decision Panel's conformity decision. For decisions of Non-Conformance, Manufacturers are required to take corrective action within 14 calendar days to restore the accuracy of the EPEAT Registry.

8. The EPEAT Scheme will publish a "Verification Round Outcomes Report" identifying the nonconforming products and Manufacturers, as well as the action taken to restore accuracy of the Registry.

IV. CONFORMITY DECISION PANEL

The following individuals are the members of the Conformity Decision Panel:

- Libby Chaplin, CEO, Arcadian Solutions
- Jack Geibig, President, Ecoform
- Robert Pfahl, Ph.D., Pfahl Consulting LLC
- Annette Roesler, Ph.D., Independent Professional Chemist

V. CONFORMITY DECISION BODIES AND AUDITORS

All investigations will be conducted through Conformity Assurance Bodies approved by the Green Electronics Council. The following Conformity Assurance Bodies will be involved in Investigations for this Verification Round:

- Green Electronics Council Conformity Assurance Body
- UL Environment

VI. VERIFICATION ROUND PLAN APPROVAL

The EPEAT Scheme approved this Verification Round Plan on August 3, 2016. On August 5, 2016, this Verification Plan was updated to reflect actual number of investigations planned and the CABs associated with the chosen products.

VII. SUMMARY OF PC-2016-03 PLANNED INVESTIGATIONS

Criterion	Level of Investigations - Targeted Criteria and Manufacturers	# Planned Investigations
4.1.8.1	• Level 2 and 3 investigations. • Targeted investigation of products where the manufacturer has never undergone Level 2 / 3 lab testing.	**2**
4.3.1.3	• Level 2 and 3 investigations. • Targeted investigation of products where the manufacturer has never undergone Level 2 / 3 lab testing.	**2**
4.3.1.5	• Level 2 and 3 investigations. • Targeted investigation of products where the manufacturer has never undergone Level 2 / 3 lab testing.	**2**
4.3.1.7	• Level 2 investigation. • Targeted investigation of products where the manufacturer has never undergone Level 2 / 3 lab testing.	**2**
4.3.2.2	• Level 2 and 3 investigations. • Targeted investigation of products where the manufacturer has never undergone Level 2 / 3 lab testing.	**2**

Criterion	Level of Investigations - Targeted Criteria and Manufacturers	# Planned Investigations
4.8.2.1	• Level 2 investigation. • Targeted investigation of products where the manufacturer has never undergone Level 2 / 3 lab testing.	**2**
4.8.2.2	• Level 2 investigation. • Targeted investigation of products where the manufacturer has never undergone Level 2 / 3 lab testing.	**2**
4.4.2.2	• Level 1 investigation which may become Level 2 investigations based on the outcomes to the Level 1 investigation. • Targeted for tablets / slates.	**9**
	Total	**23**