



Green Electronics Council

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PLAN FOR VERIFICATION ROUND IE-2017-01

Imaging Equipment/IEEE 1680.2 Standard April 2017

I. PURPOSE AND CONTENTS OF THIS DOCUMENT

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

II. SELECTION OF CRITERIA AND PRODUCTS FOR VERIFICATION

Verification Round IE-2017-01 will investigate the following criteria which have either been infrequently verified or have had questionable declarations in previous Verification Rounds:

- 4.1.6.2: Eliminating or reducing BFR/CFR content of printed circuit board laminates
- 4.1.8.1: Inventory of intentionally added chemicals residing in the product
- 4.2.1.1: Declaration of postconsumer recycled plastic content
- 4.2.1.2: Minimum content of postconsumer recycled plastic
- 4.2.1.3: Minimum 5% to 10% content of postconsumer recycled plastic
- 4.2.1.4: Minimum 25% content of postconsumer recycled plastic
- 4.2.2.1: Declaration of biobased plastic materials content
- 4.2.3.1 Declaration of product weight
- 4.3.3.1 Notification regarding the identification of both materials and components that have hazardous characteristics or special handling needs
- 4.3.4.3: Minimum 90% reusable/recyclable
- 4.8.3.1: Recovered content in select fiber-based packaging materials
- 4.9.3.3: Manufacturer recycles or reuses plastics collected through its cartridge and container take-back program

All manufacturers claiming any of these criteria are eligible for inclusion in this Verification Round. Additionally, the following Criteria will be investigated for specific manufacturers:

- 4.9.2.1: Documentation that product does not prevent the use of non-manufacturer cartridges and non-manufacturer containers
- 4.9.3.1: Provision of take-back and end-of-life management for cartridges and containers

A total of 61 Level 1 investigations will be completed during this round. A Level 1 investigation involves Auditor review of Manufacturer submissions. Products will be selected according to the following process:

Selection Process:		Notes:
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Step 1	A list of all products will be pulled from the EPEAT Registry.	<i>All products that are currently active in the Registry will be included.</i>
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Step 2	For criteria 4.2.1.1, 4.2.1.3, 4.2.2.1, 4.2.3.1 and 4.3.3.1, the master list will be sorted to include only those products claiming these criteria. Then, the list will be narrowed to include only products claiming declared values outside the norm. From this narrowed list, products will be chosen at random.	<i>Outside the norm refers to any declaration that would seem difficult to prove given the typical range of declared values, such as a multifunction device with an unusually light weight or a product which declares an unusually high value of postconsumer recycled plastic content.</i>
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Step 3	For criteria 4.9.2.1 and 4.9.3.1, the master list will be sorted to include only products claiming each of these criteria by specific manufacturers. From this narrowed list, products will be chosen at random.	
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Step 4	For criteria 4.1.6.2, 4.1.8.1, 4.2.1.2, 4.2.1.4, , 4.3.4.3, 4.8.3.1 and 4.9.3.3, the following process will apply. For each manufacturer, criteria will be selected randomly from the list of criteria.	<i>No manufacturer will be subject to more than 7 individual investigations during this round</i>
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Step 5	For each selected criterion, products will be selected at random from a list of the manufacturer's products claiming the criteria.	
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Step 6	A check will be performed that specific products chosen were not verified for the chosen criteria within the past six months	<i>A specific criterion on a specific product may not be verified more than once every six months.</i>

III. VERIFICATION PROCESS

The Verification Round will proceed in accordance with current procedures, as outlined below.

A snapshot will be taken of the Registry. Products will be selected as per the Verification Round Plan.

1. This plan will be published on epeat.net.
2. The Green Electronics Council Conformity Assurance staff will instruct Conformity Assurance Bodies (CABs) to proceed with their assigned investigations.
3. CABs will assign investigations to an Auditor, and will notify subject Manufacturers that their products are being investigated.
4. The Auditors will perform the investigations as assigned within 60 calendar days, and prepare an Investigation Report for each investigation, recommending Conformance or Nonconformance.
5. CABs 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 Green Electronics Council.
6. Conformity Assurance Staff and the Conformity Decision Panel will review reports and make decisions regarding conformity. The identity of the products and Manufacturers will not be disclosed; decision makers will be blind to the specific products and Manufacturers for which they are making conformity decisions.
7. CABs will inform the subject Manufacturers of the conformity decision. For decisions of Nonconformance, Manufacturers will be required to take corrective action within 14 calendar days to restore the accuracy of the declaration in the EPEAT 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, Pfahl Consulting L.L.C.
- Annette Roesler, Ph.D., Independent Professional Chemist

V. CONFORMITY ASSURANCE BODIES AND AUDITORS

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

- Green Electronics Council CAB
- UL Environment
- Intertek Testing Services
- DEKRA Certification

VI. VERIFICATION ROUND PLAN APPROVAL

This Verification Round Plan was approved on 4/3/2017.

VII. SUMMARY OF IE-2017-01 PLANNED INVESTIGATIONS

Criterion	Verification Selection and Process	Investigation Level	# Planned Investigations
4.1.6.2	<ul style="list-style-type: none"> Eliminating or reducing BFR/CFR content of printed circuit board laminates This criterion is being investigated during this Round due to the fact that it has only been verified once before 	1	1
4.1.8.1	<ul style="list-style-type: none"> Inventory of intentionally added chemicals residing in the product This criterion is being investigated during this Round due to the fact that it has only been verified once before 	1	6
4.2.1.1	<ul style="list-style-type: none"> Declaration of postconsumer recycled plastic content This criterion is being targeted for investigation during this Round due to questionable declarations in previous Rounds 	1	4
4.2.1.2	<ul style="list-style-type: none"> Minimum content of postconsumer recycled plastic This criterion is being investigated during this Round due to the fact that it has only been verified once before 	1	10
4.2.1.3	<ul style="list-style-type: none"> Minimum 5% to 10% content of postconsumer recycled plastic This criterion is being targeted for investigation during this Round due to questionable declarations in previous Rounds 	1	4
4.2.1.4	<ul style="list-style-type: none"> Minimum 25% content of postconsumer recycled plastic This criterion is being investigated during this Round due to the fact that it has only been verified once before 	1	2
4.2.2.1	<ul style="list-style-type: none"> Declaration of biobased plastic materials content This criterion is being targeted for investigation during this Round due to questionable declarations in previous Rounds 	1	4
4.2.3.1	<ul style="list-style-type: none"> Declaration of product weight This criterion is being targeted for investigation during this Round due to questionable declarations in previous Rounds 	1	4
4.3.3.1	<ul style="list-style-type: none"> Notification regarding the identification of both materials and components that have hazardous characteristics or special handling needs This criterion is being targeted for investigation during this Round due to questionable declarations in previous Rounds 	1	4
4.3.4.3	<ul style="list-style-type: none"> Minimum 90% reusable/recyclable This criterion is being investigated during this Round due to the fact that it has only been verified once before 	1	5
4.8.3.1	<ul style="list-style-type: none"> Recovered content in select fiber-based packaging materials This criterion is being investigated during this Round due to the fact that it has only been verified once before 	1	5
4.9.2.1	<ul style="list-style-type: none"> Documentation that product does not prevent the use of non-manufacturer cartridges and non-manufacturer containers This criterion is being targeted for investigation for a specific manufacturer 	1	3

Criterion	Verification Selection and Process	Investigation Level	# Planned Investigations
4.9.3.1	<ul style="list-style-type: none"> Provision of take-back and end-of-life management for cartridges and containers This criterion is being targeted for investigation for a specific manufacturer 	1	3
4.9.3.3	<ul style="list-style-type: none"> Manufacturer recycles or reuses plastics collected through its cartridge and container take-back program This criterion is being investigated during this Round due to the fact that it has only been verified once before 	1	6
Total			61