



VERIFICATION PLAN: IMAGING EQUIPMENT – ROUND IE-2014-01 JANUARY 2013

I. PURPOSE AND CONTENTS OF THIS DOCUMENT

This document outlines the plan for a round of verification 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 1680:2009 and IEEE 1680.2™-2012

III. SELECTION OF CRITERIA AND PRODUCTS FOR VERIFICATION

Verification Round IE 2014-01 for the IEEE 1680.2™ Standard for the Environment Assessment of Imaging Equipment will focus on analytical testing of two products. The Verification Round will investigate all verification requirements for the following IEEE 1680.2™ criteria where the investigation was not completed during Verification Round IE-2013-03:

1. 4.1.1.1 Required – Compliance with provisions of European Union RoHS Directive
2. 4.1.2.1 Optional – Further reduction of the use of EU RoHS Directive hazardous substances (cadmium)
3. 4.1.4.1 Optional – Reduction of substances on the EU REACH Candidate List of SVHCs
4. 4.1.6.1 Required – Reducing BFR/CFR/PVC content of external plastic casings
5. 4.3.2.1 Required – Use of single recyclable plastic type per plastic part
6. 4.3.2.3 Required – Manual separation and marking of plastics

This Round is intended to assure baseline conformance for imaging equipment products and will focus on lower cost products. This Round will involve lab testing of 2 low-end imaging equipment products. It will include 8 Level 1, 2 and 3 investigations. In the event that a chosen product doesn't claim one or more of the optional criteria, the total number of investigations completed may be fewer than planned. A Level 1 investigation involves a review of Subscriber submissions. In Level 2 and 3 investigations EPEAT acquires products without the Subscriber's knowledge, disassembles them, and conducts detailed analytical testing if needed. The PRE responsible for the lab testing in this round is ULE. This Verification Round represents a continuation to complete investigations which were cancelled in Verification Round IE-2013-03.

The Investigations will be chosen as follows:

- The eight investigations are the ones originally assigned but unable to be completed in Verification Round IE-2013-03 and were subsequently cancelled.

A snapshot will be taken of the Registry. The registration status of the planned products will be confirmed. Products will be selected as per the Verification Round Plan.

1. This plan will be published on epeat.net.
2. EPEAT Staff will instruct the PRE to proceed with the investigations.
3. The PRE will notify their Subscribers that their products are being investigated.
4. The PRE will have 30 days to have all testing completed.

5. The PRE will provide reports to EPEAT Staff. For each assigned investigation, the PRE / testing lab will complete an Investigation Report recommending Conformance or Non-Conformance.
6. The Product Verification Committee will review the reports and determine conformity. The products and Subscribers to be verified will not be specifically disclosed to the Product Verification Committee, but will be known to the EPEAT/PRE staff and the testing labs. The intention is for the Product Verification Committee to be blind to the specific product and Subscriber for which they are making conformity decisions. This information will not be provided to the Product Verification Committee until after completion of the conformance/non-conformance findings of the Verification Round. However, when a Subscriber presents specific information to the Committee regarding a decision, the Subscriber and product will be revealed to the Committee in order to resolve any issues.
7. The subject Subscribers will be informed of the decision. For decisions of Non-Conformance, the Subscribers are required to take corrective action within 14 calendar days to restore the accuracy of the Registry.
8. EPEAT will publish a "Verification Round Outcomes Report" identifying the Non-Conforming products and Subscribers, as well as the action taken to restore the accuracy of the Registry.

IV. PRODUCT VERIFICATION COMMITTEE

Following are the members of the PVC:

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

V. PRES AND QUALIFIED VERIFIERS

All investigations will be conducted through the PRE with qualified testing labs working for the respective PRE. The following PRE will be included in this plan's investigations:

- ULE PRE

VI. VERIFICATION ROUND PLAN APPROVAL

Round Plan approved by PVC by discussion and e-mail on December 21, 2013.

VII. COMPUTER PRODUCTS VERIFICATION ROUND 2013-02 INVESTIGATIONS

	Criterion		Verification Selection and Process	# Planned Investigations
1	4.1.1.1	Required – Compliance with provisions of European Union RoHS Directive	<ul style="list-style-type: none"> Investigations not completed during IE-2013-03. Criterion verified using Level 3 investigation. 	2
2	4.1.2.1	Optional – Further reduction of the use of EU RoHS Directive hazardous substances (cadmium)	<ul style="list-style-type: none"> Investigations not completed during IE-2013-03. Criterion verified using Level 3 investigation. 	2
3	4.1.4.1	Optional – Reduction of substances on the EU REACH Candidate List of SVHCs	<ul style="list-style-type: none"> Investigation not completed during IE-2013-03. Criterion verified using Level 1, 2 and / or 3 investigations. 	1
4	4.1.6.1	Required – Reducing BFR/CFR/PVC content of external plastic casings	<ul style="list-style-type: none"> Investigations not completed during IE-2013-03. Criterion verified using Level 3 investigation. 	1
5	4.3.2.1	Required – Use of single recyclable plastic type per plastic part	<ul style="list-style-type: none"> Investigation not completed during IE-2013-03. Products claiming this optional criterion will be investigated. Criterion verified using Level 1, 2 and / or 3 investigations. 	1
6	4.3.2.3	Required – Manual separation and marking of plastics	<ul style="list-style-type: none"> Investigation not completed during IE-2013-03. Products claiming this optional criterion will be investigated. Criterion verified using Level 1, 2 and / or 3 investigations. 	1
			Total	8*

* In the event that a chosen product doesn't claim one or more of the optional criteria, the total number of investigations completed may be fewer than planned.