



**EPEAT, Inc.**

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## VERIFICATION PLAN: TELEVISIONS – ROUND TV-2014-01 JUNE 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 1680.3™-2012

### **III. SELECTION OF CRITERIA AND PRODUCTS FOR VERIFICATION**

Verification Round TV-2014-01 for the IEEE 1680.3™ Standard for the Environment Assessment of Televisions will focus on Level 1 and Level 2 investigations. The Verification Round will target three types of criteria:

1. Criteria with official Clarifications: 4.1.5.1, 4.6.1.2, 4.6.2.1, 4.7.2.2, and 4.8.2.2
2. Time based criteria: 4.1.2.1, 4.1.5.1, 4.1.6.1, 4.1.9.1, 4.3.3.1
3. Criteria with possible Not Applicable declarations, which may include the following: 4.1.7.1, 4.1.8.1, 4.2.1.2, 4.2.1.3, 4.2.2.2, 4.3.2.1, 4.3.2.3, 4.3.2.4, 4.8.4.1

The specific criteria to be investigated are as follows:

- 4.1.2.1 Optional – Further reduction of the use of EU RoHS Directive hazardous substances (cadmium)
- 4.1.3.1 Required – Reporting on amount of mercury content in light sources
- 4.1.3.2 Optional – Use of non-mercury containing light sources
- 4.1.4.1 Optional – Further reduction of the use of EU RoHS Directive hazardous substances (lead)
- 4.1.5.1 Optional – Reduction of substances on the EU REACH Candidate List of SVHCs
- 4.1.6.1 Required – Compliance with provisions of EU Battery Directive
- 4.1.9.1 Optional – Inventory of intentionally added chemicals residing in the product
- 4.3.3.1 Required – Notification regarding the identification of both materials and components that have hazardous characteristic or special handling needs
- 4.8.2.2 Optional – Packaging 90% compostable / recyclable
- 4.8.4.1 Optional – Provision of take-back service for packaging

Note: Clarifications were issued for 4.1.4.1 and 4.6.2.2 but no Subscribers are currently claiming these criteria and therefore were not included in this Verification Round.

This Round will include up to 16 Level 1 and 2 investigations. A Level 1 investigation involves a review of Subscriber submissions. A Level 2 investigation, in this Verification Round, involves the Qualified Verifier establishing Conformance based on publicly available information, as applicable. All active PREs and Subscribers will be considered for selection in this Round. If a Subscriber has already received a decision

of Conformance for one of the criteria in a different Verification Round, they will not be verified again for the same criteria.

The Investigations will be chosen as follows:

- For the criteria listed, products will be chosen randomly from all Subscribers declaring to the criterion (that has not previously been found Conformant).

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. If the criterion text requires information to be publicly available, Qualified Verifiers will establish Conformance by finding this information in publicly accessible and applicable sources and the investigation moves to step 6. If Conformance can't be established, the investigation moves to step 4.
4. The PRE will notify the Subscriber that their product is being investigated.
5. The PRE will have 30 days to have all investigations completed.
6. The PRE will provide reports to EPEAT Staff. For each assigned investigation, the PRE will complete an Investigation Report recommending Conformance or Non-Conformance.
7. 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. The intention is for the Product Verification Committee to be blind to the specific product and Subscriber for which they are making conformity decisions. 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.
8. 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.
9. 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 by Qualified Verifiers working for their respective PRE. The following PREs will be included in this plan's investigations (so long as they are active):

- Intertek PRE
- ULE PRE

## **VI. VERIFICATION ROUND PLAN APPROVAL**

Round Plan approved by PVC by e-mail on May 23, 2014.

## VII. TELEVISION PRODUCTS VERIFICATION ROUND 2014-01 INVESTIGATIONS

	Criterion		Verification Selection and Process	# Planned Investigations
1	4.1.2.1	Optional – Further reduction of the use of EU RoHS Directive hazardous substances (cadmium)	<ul style="list-style-type: none"> <li>• Products chosen at random.</li> <li>• Criterion verified using Level 1 investigation.</li> </ul>	2
2	4.1.3.1	Required – Reporting on amount of mercury content in light sources	<ul style="list-style-type: none"> <li>• Products chosen at random.</li> <li>• Qualified Verifier checks publicly available information to determine Conformance.</li> <li>• Criterion verified using Level 2 investigation where Conformance cannot be verified by accessing publicly available information, will also include Level 1 investigation.</li> </ul>	1
3	4.1.3.2	Optional – Use of non-mercury containing light sources	<ul style="list-style-type: none"> <li>• Products chosen at random.</li> <li>• Qualified Verifier checks publicly available information to determine Conformance.</li> <li>• Criterion verified using Level 2 investigation where Conformance cannot be verified by accessing publicly available information, will also include Level 1 investigation.</li> </ul>	1
4	4.1.5.1	Optional -- Reduction of substances on the EU REACH Candidate List of SVHCs	<ul style="list-style-type: none"> <li>• Products chosen at random.</li> <li>• Criterion verified using Level 1 investigation.</li> </ul>	2
5	4.1.6.1	Required – Compliance with provisions of EU Battery Directive	<ul style="list-style-type: none"> <li>• Products chosen at random.</li> <li>• Criterion verified using Level 1 investigation.</li> </ul>	2

	Criterion		Verification Selection and Process	# Planned Investigations
6	4.1.9.1	Optional – Inventory of intentionally added chemicals residing in the product	<ul style="list-style-type: none"> <li>• Products chosen at random.</li> <li>• Criterion verified using Level 1 investigation.</li> </ul>	2
7	4.3.3.1	Required – Notification regarding the identification of both materials and components that have hazardous characteristic or special handling needs	<ul style="list-style-type: none"> <li>• Products chosen at random.</li> <li>• Qualified Verifier checks publicly available information to determine Conformance.</li> <li>• Criterion verified using Level 2 investigation where Conformance cannot be verified by accessing publicly available information, will also include Level 1 investigation.</li> </ul>	2
8	4.8.2.2	Optional – Packaging 90% compostable / recyclable	<ul style="list-style-type: none"> <li>• Products chosen at random.</li> <li>• Criterion verified using Level 1 investigation.</li> </ul>	2
9	4.8.4.1	Optional – Provision of take-back service for packaging	<ul style="list-style-type: none"> <li>• Products chosen at random.</li> <li>• Qualified Verifier checks publicly available information to determine Conformance.</li> <li>• Criterion verified using Level 2 investigation where Conformance cannot be verified by accessing publicly available information, will also include Level 1 investigation.</li> </ul>	2
			<b>Total</b>	<b>16*</b>

\* 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.