

WEEELABEX Organisation - OFFICIAL STATEMENT	
Issue ID:	2016_007
Issue Category:	Depollution process
Issue Name:	Capacitors with a plastic casing – depollution requirements
Issue Description:	Is it required to remove the capacitors with a “plastic casing” during the treatment/depollution process?
WEEELABEX Organisation Statement	<p>It is not required to remove capacitors with a “plastic casing” during the treatment/depollution process.</p> <p>However, in such case a clear procedure shall be implemented to identify the capacitors with a “plastic casing”, and to distinguish between capacitors with a “plastic casing” and other capacitors that have to be removed (see below). The treatment operator shall always apply the precautionary principle. Following the precautionary principle, in case where any above-mentioned procedure is not implemented, all the capacitors have to be removed. This document is not legally binding; in cases where different national legal requirements are defined (that are applicable to the audited treatment operator), the stricter requirements shall be applied.</p> <p>Reasoning:</p> <p>According to the WEEE DIRECTIVE 2012/19/EU, WEEELABEX normative document on Treatment V10.0 and CENELEC EN 50625-1, the following capacitors have to be removed from any separately collected WEEE:</p> <ul style="list-style-type: none"> - polychlorinated biphenyls (PCB) containing capacitors, - capacitors containing mineral or synthetic oil, - electrolyte capacitors containing substances of concern (height > 25 mm, diameter > 25 mm or proportionately similar volume). <p>Based on the available researches and studies (e.g. United Nations University, 2008 Review of Directive 2002/96 on Waste Electrical and Electronic Equipment (WEEE) - Final Report, 2007; Eco-systèmes, Analysis of PCB and other potentially hazardous substances found in capacitors, 2012) capacitors with a “plastic casing” do not contain neither PCB nor oil (they mostly use dry technologies), and they are neither electrolyte capacitors containing substances of concern.</p> <p>That is why those capacitors with a “plastic casing” do not have to be removed.</p> <p>Examples of capacitors with a “plastic casing” are shown in the attachment.</p>
Date of Issue / Date of revision:	10th November 2016 / 1st March 2021 (defrev_02)
Come into effect:	For each on-going and new Conformity Verification process
Status of the Statement:	Final Statement - defrev_02

Attachment: Examples of capacitors with a “plastic casing”



