

WEELABEX Organisation - OFFICIAL STATEMENT	
Issue ID:	2019_001
Issue Category:	Depollution process / Benchmarks
Issue Name:	Limit value of open/damaged capacitors (with visible leakages) in the capacitors removed during depollution process
Issue Description:	<p>Mechanical depollution can lead to the opening/breakage and subsequent leakages of the capacitors content to the process or other fractions. This lack of integrity of the removed capacitors can lead to a dispersion of pollutants in the stream and does not allow to respect the requirement to remove capacitors in the way that does not damaged them.</p> <p>What is the limit value for the quantity of open capacitors (damaged after a depollution process) that has to be complied with?</p>
WEELABEX Organisation Statement	<ol style="list-style-type: none"> The Auditor Manual (DEFREV 11 version 1 – 28th August 2018) indicates at Question 30 (Priority 1) that the operations during the WEEE depollution process have to be conducted in a way that does not damage or destroy components, and / or in a way that does not release hazardous substances into the environment or contaminate other fractions. <u>For capacitors, depolluted output fractions shall be free of oil and chemical products that they contain (metallic casing shall not be open with visible leakages or if the inside of the capacitor is going outside of the casing).</u> To be in compliance with the Question 30, operators have to prove that capacitors are not open (with visible leakages) or that the dispersion of pollutants to environment and output fractions is minimized: <p>After depollution process, the acceptable ratio of open capacitors due to the treatment/depollution shall not be higher than 10% (in weight mass) of all removed capacitors.</p> <p>If there are doubts during the visual check done by the audit team that the limit value may be exceeded, a member of the audit team will have to sort out some stored capacitors to measure the rate of open ones (open = release of hazardous substances).</p> <p>The sample analysed shall be representative of the whole population of removed capacitors. To do this, the auditor will ensure to constitute a sample to be sorted with a weight greater than or equal to 40 kg or less if the stock of capacitors on site is lower than 40 kg. The sampling procedure shall respect the general sampling principles indicated in CLC/TS 50625-3-1, especially if several containers of capacitors are stored on the site.</p> <p>The auditors also have to check that the opening of the capacitors is due to the treatment process and not to state of the appliance delivered to the treatment facility.</p> <p>Then the respect of this requirement in the daily business has to be proven by the operator (by a monitoring system) and checked by the WEELABEX Auditors during the audit or the batch test.</p>

Date of Issue / Date of revision:	6th February 2019
Come into effect:	For each on-going and new Conformity Verification process
Status of the Statement:	Final Statement - defrev_01