

Title	C07 WEEELABEX to EN standards implementation process
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1 Context

Initially auditing tools and the WEEELABEX conformity verification scheme were based on v10 of the WEEELABEX Standard for Treatment. Such normative document with the WEEELABEX Standards on Collection and logistics were lodged to the European Committee for electrotechnical standardisation (CENELEC), who had received mandate M518 from the European Commission. The Mandate issued in January 2013, was requesting the development of Standards for the treatment (including recovery, recycling and preparing for re-use) of waste electrical and electronic equipment, reflecting the state of the art.

According to the WEEELABEX document “Architecture and governance of WEEELABEX Conformity Verification” the requirements laid down in the WEEELABEX normative document on treatment will be replaced by equivalent CENELEC (EN) standards, once these EN standards have been finalised. EN standards shall then be used within the WEEELABEX certification process.

The publication of CENELEC standards is gradual, and so is the adaptation of the WEEELABEX certification scheme to CENELEC.

It should be noted that several crucial WEEELABEX requirements will remain in the auditing scheme, as they do not appear in the CENELEC norms (hereinafter “Extra requirements”).

Therefore, in the context of the WEEELABEX scheme, WEEELABEX requirements consist of several standards including WEEELABEX normative document on Treatment V10.0, WEEELABEX document A10 WEEELABEX De-pollution monitoring specification, and published relevant CENELEC standards – the currently valid list of the applicable standards is available in the B04 WEEELABEX Guidance Document.

Annex A shows the list of CENELEC documents in the scope of this procedure. There are two types of CENELEC documents: Standards (referred as EN documents) and Technical Specifications (referred as TS). Standards provide general requirements and Technical specifications support standards with protocols and limit values dealing with depollution monitoring.

New versions of the EN Standards may be released every 5 years, whilst Technical Specifications are reviewed every 3 years. WEEELABEX will issue in due time a protocol setting the rules to adapt the certification scheme to upcoming new versions of CENELEC documents.

2 Purpose

This document describes the implementation process of the equivalent CENELEC standards within the WEEELABEX certification process.

3 General procedure

The process of substitution the WEEELABEX normative document on treatment by equivalent EN standards and subsequent adaptation of WEEELABEX documents and tools consists of the following steps:

3.1 Comparative analysis

Each newly published relevant EN standard shall be subject of a comparative analysis. The target of such an analysis is to compare the requirements laid down in the EN standard with the requirements laid down in the WEEELABEX normative document on treatment and/or other WEEELABEX documents. The output of the comparative analysis shall be a comprehensive list of identified differences.

The WEEELABEX organisation (Group of Experts) is responsible to carry out the comparative analysis after the relevant EN standard is officially published.

3.2 Approval of implementation approach by the WEEELABEX organisation

The comparative analysis records including the list of “extra requirements” shall be submitted after the comparative analysis is completed, to the WEEELABEX organisation for review. The WEEELABEX organisation may decide to apply a different scenario for each EN standard. The decision shall be based on the result of the comparative analysis.

3.3 Adaption and implementation process of the WEEELABEX documents and tools to the EN standards

After the comparative analysis, the WEEELABEX organisation (Group of Experts) will then adapt the WEEELABEX documents and tools to be compliant with CENELEC standards and TS . The process will be continuous, without any pre-defined deadlines. Up-dated documents and tools will be submitted to the WGC for the review.

The output of the adaption process shall be updated WEEELABEX documents and tools within the certification process that are to be compliant with EN standards and TS and that contain all the “extra requirements” identified during the comparative analysis.

To avoid too many versions of audit documents, and for simple processing, **four steps** have been planned (this may be subject to changes depending on the date of publication of CENELEC documents):

- First revision of the audit tools with references to EN 50625-1 (General treatment requirements) and CLC/TS 50625-3-1 (General Technical Specification).
- Second revision of the audit tools with references to EN 50625-2-1 (Lamps requirements), EN 50625-2-2 (Displays requirements), EN 50625-2-3 (Revision of requirement for Temperature exchange equipment), 50625-2-4 (Photovoltaic panels requirements), and CLC/TS 50625-3-2 (Lamps Technical Specification), CLC/TS 50625-3-3 (Displays Technical Specification), CLC/TS 50625-3-4 (revision of TS on Temperature exchange equipment), and CLC/TS 50625-3-5 (PV panels Technical Specification).
- Third revision of the audit tools with references to EN CLC/TS 50625-4 (Collection and Logistic), EN50614 Re-Use.
- **Fourth revision of the audit tools with references to CLC/TS 50625-5 (Collection and Logistic)**

First revision

EN 50625-1 and CLC/TS 50525-3-1 (General requirements)

Second revision

EN 50625-2-1 and CLC/TS 50525-3-2 (Gas discharge lamps requirements)

EN 50625-2-2 and CLC/TS 50525-3-3 (Displays requirements)

EN 50625-2-3 and CLC/TS 50525-3-4 (Temperature exchange equipment requirements)

EN 50625-2-4 and CLC/TS 50525-3-5 (Photovoltaic panels requirements)

Third revision

EN 50614 (Preparation for Re-use requirements)

CLC/TS 50525-4 (Collection and Logistics requirements)

Fourth revision

CLC/TS 50625-5 (Specification for the final treatment of WEEE fractions - Copper and precious metals)

Additional changes in the scope of the WEEELABEX certification scheme may take place **when appropriate**.

3.4 Communication to WEEELABEX auditors

After every revision, the adapted WEEELABEX documents and tools will be communicated and shared with WEEELABEX auditors.

Auditors will be required to follow a training session to get acquainted with all the updated WEEELABEX documents, tools and the implementation process.

Announcements related to the implementation process to interested parties will be done *within 30 days* after the information is submitted to WEEELABEX auditors. *The fourth revision of the implementation process (Certification scheme Operators EU Ro B2501) starts on 1st October 2025.*

3.5 Procedure for WEEELABEX operators

3.5.1 Procedure for already certified WEEELABEX operators

The procedure for certified WEEELABEX operators is as follows:

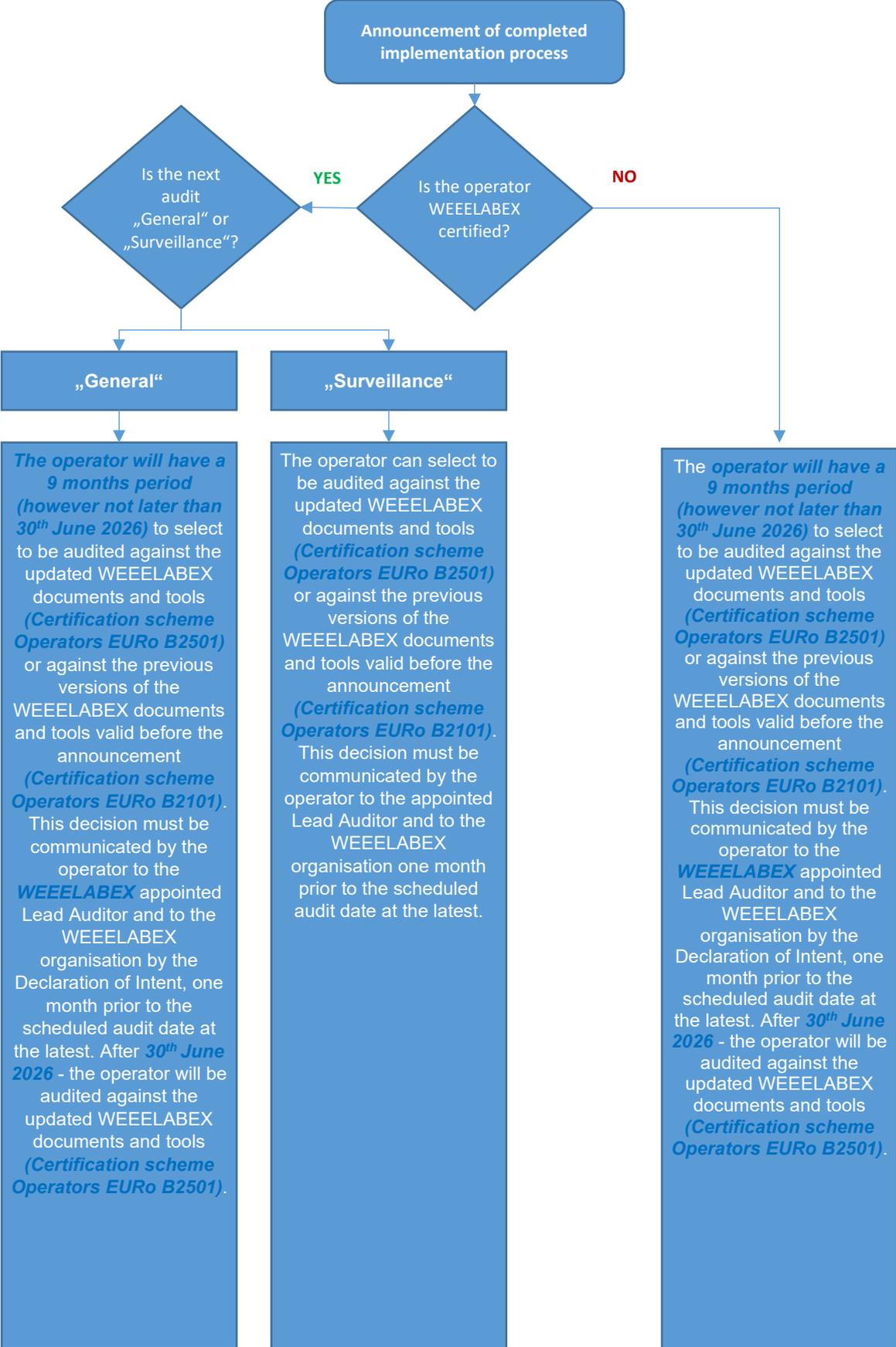
- If the first audit to be conducted after the announcement of the completed implementation process of *Certification scheme EU Ro B2501* is the **General audit (start of a new certification cycle)**, *the operator will have a 9 months period (however not later than 30th June 2026)* to select to be audited against the updated WEEELABEX documents and tools (*Certification scheme Operators EU Ro B2501*) or against the previous versions of the WEEELABEX documents and tools valid before the announcement (*Certification scheme Operators EU Ro B2101*). This decision must be communicated by the operator to the *WEEELABEX* appointed Lead Auditor and to the WEEELABEX organisation by the Declaration of Intent, one month prior to the scheduled audit date at the latest. After *30th June 2026* - the operator will be audited against the updated WEEELABEX documents and tools (*Certification scheme Operators EU Ro B2501*).
- If the first audit to be conducted after the announcement of the completed implementation process of *Certification scheme EU Ro B2501* is the **Surveillance audit**, the operator can select to be audited against the updated WEEELABEX documents and tools (*Certification scheme Operators EU Ro B2501*) or against the previous versions of the WEEELABEX documents and tools valid before the announcement (*Certification scheme Operators EU Ro B2101*). This decision must be communicated by the operator to the appointed Lead Auditor and to the WEEELABEX organisation one month prior to the scheduled audit date at the latest.

3.5.2 Procedure for candidate WEEELABEX operators

The procedure for candidate WEEELABEX operators (not certified yet) is as follows:

- Following the announcement of the completed implementation process of *Certification scheme EU Ro B2501*, *the operator will have a 9 months period (however not later than 30th June 2026)* to select to be audited against the updated WEEELABEX documents and tools (*Certification scheme Operators EU Ro B2501*) or against the previous versions of the WEEELABEX documents and tools valid before the announcement (*Certification scheme Operators EU Ro B2101*). This decision must be communicated by the operator to the *WEEELABEX* appointed Lead Auditor and to the WEEELABEX organisation by the Declaration of Intent one month prior to the scheduled audit date at the latest. After *30th June 2026* - the operator will be audited against the updated WEEELABEX documents and tools (*Certification scheme Operators EU Ro B2501*).

3.5.3 Flowchart describing the implementation process for WEEELABEX operators



Annex A: List of EN standards that are subject of the implementation process from WEEELABEX normative document on treatment to the equivalent EN standards within the WEEELABEX Conformity Verification process

EN 50625-1 General treatment requirements

EN 50625-2-1 Lamps requirements

EN 50625-2-2 Displays requirements

EN 50625-2-3 Temperatre exchange equipment requirements

EN 50625-2-4 Photovoltaic panels requirements

CLC/TS 50625-3-1 General Technical Specification

CLC/TS 50625-3-2 Lamps Technical Specification

CLC/TS 50625-3-3 Displays Technical Specification

CLC/TS 50625-3-4 Temperatre exchange equipment Technical Specification

CLC/TS 50625-3-5 PV panels Technical Specification

CLC/TS 50625-4 Collection and Logistics requirements

CLC/TS 50625-5 Final treatment of WEEE fractions Technical Specification

EN 50614 Preparing for re-use requirements

