



EUROPEAN COMMITTEE  
FOR ELECTROTECHNICAL STANDARDIZATION

# **CEN & CENELEC Report to EC EG RE#21**

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**June 2025**

# Introduction

## ► Updates on 3 main topics



1) New Standardization Request 'Wireless chargers'



2) Status of EN 50566:2017 Amendment2



3) Cybersecurity harmonized Standards



# **RED NEW** Standardisation Request on Wireless Charging

M/607

# Standardisation Request ‘Wireless Charging’ M/607



M/607: Standardisation request (SReq) to **CENELEC** as regards charging interface and charging communication protocol for radio equipment capable of being recharged by **means of wireless charging**, in support of Directive 2014/53/EU

## Timeline:

- ▶ 1<sup>st</sup> Draft SReq received on 2024-05-22
- ▶ Possible work programme and SReq checklist → discussed in CLC SReq Adhoc Group ‘Wireless Charging’
- ▶ Adoption of SReq on 2025-02-25 (M/607, [C\(2025\)1207](#))
- ▶ **CENELEC accepted** the SReq on 2025-03-05



# SReq M/607: Scope

## It covers:

- Handheld mobile phones, tablets, e-readers, earbuds (together with their charging case), headphones, headsets, smartwatches, mice and keyboards
- ! LVD & EMCD relationship excluded

## Deliverables:

- Does not include Annex ZZ, no HAS assessment required
- EC will decide how to reference the standards

| <u>ANNEX I</u>                                                           |                                                                                                                                                                                                                                                                                                                                               |                                                                        |
|--------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|
| List of new European standards to be drafted as referred to in Article 1 |                                                                                                                                                                                                                                                                                                                                               |                                                                        |
| No                                                                       | Reference information                                                                                                                                                                                                                                                                                                                         | Deadline for the adoption by the European standardisation organisation |
| 1.                                                                       | European standard(s) laying down technical specifications as regards a common and interoperable charging interface for handheld mobile phones, tablets, e-readers, earbuds (together with their charging case), headphones, headsets, smartwatches, mice and keyboards, capable of being recharged by means of wireless charging              | 4 March 2027                                                           |
| 2.                                                                       | European standard(s) laying down technical specifications as regards a common and interoperable charging communication protocol for handheld mobile phones, tablets, e-readers, earbuds (together with their charging case), headphones, headsets, smartwatches, mice and keyboards, capable of being recharged by means of wireless charging | 4 March 2027                                                           |

[eNorm Platform](#)



# SReq M/607: Work Allocation

## Main Technical Committee:

- ▶ CLC/100X 'Audio, video and multimedia systems and equipment and related sub-systems'

## Work Programme

- ▶ M/607 Work Programme submitted to the EC includes
  - EN IEC 63563-series: "Qi specification version 2.0"** covering up to 15 W
    - ▶ These standards are IEC standards (based on WCP work) transposed in Europe by **CLC/TC 100X** under the Frankfurt Agreement
    - ▶ Development of standards above 15 W (e.g. 25, and 50 W) is ongoing/under discussion by WCP
- ▶ No exiting homegrown standards identified/ neither new ones planned yet
- ▶ A dedicated CLC/TC 100X Working Group will monitor existing and upcoming international deliverables.



# RED

## Article 3.1.a: Safety standards

Status of CLC/TC 106X deliverable 'EN 50566:2017/FprA2:2025'

# Status of EN 50566:2017/FprA2:2025

## ► Background

- Formal Objection on EN 50566:2017 lodged by France
- To address the FR concerns, CLC/TC 106X created a new amendment: EN 50566/prA2
- HAS assessment before FV: lack of compliance

## ► Status until 'last EC EG RE meeting':

- Issues with HAS assessment and compliance to RED; blocking the publication

## ► Status 'June 2025':

- HAS comments been resolved/ agreed to be deferred to the revision of this standard
- The document will proceed to Formal Vote on 2025-06-06
- Publication expected: September/October 2025

# **RED**

## **Article 3.3.d, e &f: Cybersecurity**

Status of CEN/CLC JTC 13 deliverables

Courtesy of Ben Kokx



# JTC13/WG8 and 9

## In numbers



### JTC13 / WG8

Special Working Group RED  
standardization request



Established: June 17, 2022  
Convenor : Ben Kokx  
Secretariat : NEN



Committee members : 208  
National organizations: 22  
Liaisons : 11



WG8 did meet twice since the  
positive implementing decision



Discussing a possible corrigendum,  
after that the work for WG8 is done



### JTC13 / WG9

Special Working Group on Cyber  
Resilience Act



Established: March 27, 2023  
Convenor : Ben Kokx  
Secretariat : NEN



Committee members : 278  
National organizations: 23  
Liaisons : 16



WG9 meets every 2 weeks with a  
3-day hybrid plenary every 2 months.  
Project teams have weekly meetings



Three project teams have been  
created to work on the horizontal  
deliverables for the CRA



# CEN/CLC/JTC 13/WG 8

Special Working Group RED standardization request

# EN 18031:2024 Series cited with restrictions



Official Journal  
of the European Union

EN  
L series

2025/138

30.1.2025

COMMISSION IMPLEMENTING DECISION (EU) 2025/138

of 28 January 2025

amending Implementing Decision (EU) 2022/2191 as regards harmonised standards in support of the essential requirements of Directive 2014/53/EU of the European Parliament and of the Council that relate to cybersecurity, for the categories and classes of radio equipment specified in Delegated Regulation (EU) 2022/30

*Additional guidance is shared in the RED Experts Group in document:  
EG RE (21)04 - COM - RED HS cyber – Guidance.docx*

**Thanks to all the JTC 13/WG 8 experts and secretariat support to make this happen.  
We had an impossible task and needed 24 instead of the initially given 14 months.  
But with very hard work we delivered the first harmonized product security standard!**



RESTRICTION 1. The sections named 'rationale' and 'guidance' do not confer a presumption of conformity with the essential requirement set out in Article 3(3), first subparagraph, point (d), (e) and (f), of Directive 2014/53/EU.

### **What is the rationale of the restriction?**

The sections named 'rationale' aim to provide a justification for the need to address certain risks. The sections named 'guidance' include examples and considerations on the possibilities to implement certain mitigation measures. Neither of the two afore mentioned sections set out specifications.

### **Does the manufacturer need to undertake a third-party conformity assessment as regards this restriction?**

No. The aim of the restriction is to clarify that those sections are of pure informative nature, and therefore they are not linked to presumption of conformity.

**RESTRICTION 2.** This harmonised standard does not confer a presumption of conformity with Article 3(3), first subparagraph, point (d), (e) and (f), of Directive 2014/53/EU if, by applying its clauses 6.2.5.1 and 6.2.5.2, the user is allowed not to set and use any password.

### What is the rationale of the restriction?

Clauses 6.2.5.1 and 6.2.5.2 of the three harmonised standards deal with default passwords. Those clauses offer manufacturers the possibility to allow a user not to set or use any password. It is considered that, if this option is implemented, the relevant authentication risks will not be properly addressed and therefore conformity with the essential requirements set out in Articles 3(3)(d), (e) and (f), of the RED would not be ensured.

### Does the manufacturer need to undertake a third-party conformity assessment as regards this restriction?

No if the manufacturer disregards the possibility of clauses 6.2.5.1 and 6.2.5.2 of allowing a user not to set any password.

#### 6.2.5.1 [AUM-5-1] Requirement for factory default passwords

If factory default passwords are used by an authentication mechanism that is required per AUM-1-1 or AUM-1-2, they shall:

- be unique per equipment; and
- follow best practice concerning strength;

or

- be enforced to be changed by the user before or on first use.

**NOTE** The user can choose to not use any password.

**RESTRICTION 3.** For the classes or categories of radio equipment covered by clauses 6.1.3, 6.1.4, 6.1.5 or 6.1.6 of this harmonised standard, this harmonised standard does not confer a presumption of conformity with the essential requirement set out in Article 3(3), first subparagraph, point (e), of Directive 2014/53/EU if, by applying its clauses 6.1.3.4.2, 6.1.4.4.2, 6.1.5.4.2 and 6.1.6.4.2, parental or guardian access control is not ensured.

### **What is the rationale of the restriction?**

Clauses 6.1.3, 6.1.4, 6.1.5 and 6.1.6 of harmonised standard EN 18031-2:2024 include specifications on access control mechanisms for toy radio equipment and for childcare radio equipment. More specifically, the implementation categories described under the subsections ‘assessment criteria’ are the following: role-based access control, discretionary access control, mandatory access control or others. Certain of these categories might not be compatible with parental or guardian control. In such a case, it is considered that, if parental or guardian control is not implemented, the relevant authentication risks will not be addressed and, therefore, conformity with the essential requirement set out in Article 3(3)(e) of the RED would not be ensured.

### **Does the manufacturer need to undertake a third-party conformity assessment as regards this restriction?**

No, if the manufacturer disregards the possibility of clauses 6.1.3, 6.1.4, 6.1.5 of not implementing parental or guardian control.

**RESTRICTION 4.** As regards the assessment criteria set out in clause 6.3.2.4 of this harmonised standard, this harmonised standard does not confer a presumption of conformity with the essential requirement set out in Article 3(3), first subparagraph, point (f), of Directive 2014/53/EU

### **What is the rationale of the restriction?**

Clause 6.3.2.4 of harmonised standard EN 18031-3:2024 includes assessment criteria for secure updates. Four different implementation categories are laid down, based on digital signatures, secure communication mechanisms, access control mechanisms or others. None of the methods alone are sufficient for the treatment of financial assets. It is considered that the assessment criteria do not properly address the relevant authentication risks and cannot therefore ensure conformity with the essential requirement set out in Article 3(3),(f), of the RED.

### **Does the manufacturer need to undertake a third-party conformity assessment as regards this restriction?**

A manufacturer of products covered by harmonised standard EN 18032-3:2024 to which clause 6.3.2.4 applies does not benefit from presumption of conformity regardless of the design of the product. A third-party conformity assessment is mandatory.

QUESTIONS: Is self-assessment (module A) allowed to demonstrate conformity with the essential requirements set out in Article 3(3) (d), (e) and (f) (Commission Delegated Regulation 2022/30)?

Self-assessment is allowed only if the relevant harmonised standards of the EN 18031:2024 family is applied to the product and is not affected by the restrictions applied and described above.

*DIRECTIVE 2014/53/EU, Article 17* **Conformity assessment procedures**

3. Where, in assessing the compliance of radio equipment with the essential requirements set out in Article 3(2) and (3), the manufacturer has applied harmonised standards the references of which have been published in the *Official Journal of the European Union*, he shall use any of the following procedures:

- (a) internal production control set out in Annex II;
- (b) EU-type examination that is followed by the conformity to type based on internal production control set out in Annex III;
- (c) conformity based on full quality assurance set out in Annex IV.

4. Where, in assessing the compliance of radio equipment with the essential requirements set out in Article 3(2) and (3), the manufacturer **has not applied or has applied only in part harmonised standards** the references of which have been published in the *Official Journal of the European Union*, or where such harmonised standards do not exist, radio equipment shall be submitted with regard to those essential requirements to either of the following procedures:

- (a) EU-type examination that is followed by the conformity to type based on internal production control set out in Annex III;
- (b) conformity based on full quality assurance set out in Annex IV.

## Next steps

For instance, in the 18031-3 there are copy and paste errors which could be argued being technical changes, e.g.:

### 6.8.2 [GEC-2] Limit exposure of services via related network interfaces

#### 6.8.2.1 Requirement

*In factory default state the equipment shall only expose*

— *network interfaces; and*

— *services via network interfaces*

*affecting security assets and **privacy** assets which are necessary for equipment setup or for basic operation of the equipment.*

**Privacy** should have been **financial** !

- On the 28<sup>th</sup> of February the Commission joint a WG9 meeting to discuss the implementing decision with the WG8 and WG9 experts.
- The commission expressed not to expect further work to be done on the standards to fix for instance the restrictions.
- Other options like an amendment are not desirable from the commission's viewpoint.
- WG8 agreed on the desire to correct some obvious mistakes by proposing corrigenda for the 18031 series.
- Meeting to discuss the proposed changes in detail is scheduled for the 22<sup>nd</sup> of May.

*Thank you!*

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