



## EUROPEAN COMMISSION

Directorate-General for Internal Market, Industry, Entrepreneurship and SMEs

Industrial Transformation and Advanced Value Chains  
**Advanced Engineering and Manufacturing Systems**

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### **APPLICATION OF EMC DIRECTIVE AND/OR VEHICLE REGULATION TO AFTER-MARKET EQUIPMENT**

The purpose of this document is to provide guidance on the following question: whether equipment sold as after-market equipment needs type approval in accordance with Regulation (EC) 661/2009 as amended (UNECE Regulation 10) or falls within the scope of Directive 2014/30/EU (the EMC Directive).

This document, which is not a legally binding document in the sense of a legal act, was endorsed by the EMC Working Party<sup>1</sup>. The conclusions of this document are also reflected in Section 1.1.3 of the EMC Guide.

Article 1(4) of Directive 2014/30/EU provides that if the EMC requirements for equipment are wholly or partly laid down more specifically by other EU Directives, the EMC Directive shall not apply or shall cease to apply. The Radio Equipment Directive does not include a similar exception, hence the Table below does not make reference to the RED Directive.

Components sold as aftermarket equipment, intended for the installation in motor vehicles and which are not subject to type approval, shall meet the essential requirements of Directive 2014/30/EU in addition to the relevant/appropriate requirements of the EMC Vehicle legislation; to assist manufacturers, the references of harmonised standard(s)<sup>2</sup>, addressing these requirements, are listed in the EU Official Journal under 2014/30/EU<sup>3</sup>.

This Table provides guidance on whether equipment sold as after-market equipment needs type approval in accordance with the Regulation (EC) 661/2009 as amended (UNECE Regulation 10) or falls within the scope of the EMC Directive:

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<sup>1</sup> EMC WP meeting of 03.02.2016.

<sup>2</sup> Such as EN 55012:2007.

<sup>3</sup> Harmonised standards are voluntary; if applied, they confer a presumption of conformity with the corresponding essential requirements.

| Category | Category description  | Type Approval<br><br>Regulation (EC) 661/2009<br>as amended (UNECE<br>Regulation 10) | Declaration of<br>Conformity<br><br>Directive 2014/30/EU |
|----------|---|--|--|
| A        | Vehicle and equipment subject to type approval under UNECE Regulation 10  | Yes  | No   |
| B        | Equipment brought to the market as spare parts which:<br><br>1. is obviously marked as a spare part by an identification number<br>2. is identical and from the same manufacturer as the corresponding original equipment manufacturer (OEM) part for an already type-approved vehicle<br><br><i>[paragraph 3.2.8 of UNECE Regulation 10]</i> | No   | No   |
| C        | Equipment sold as aftermarket equipment, if within the scope of UNECE Regulation 10 (see Annex), which shall ensure the immunity of the driver and does not fall under category B   | Yes  | No   |
| D        | Equipment not stipulated in A, B, C above<br><br>Example:<br>Devices connecting to the cigarette lighter interface inside a car   | No   | Yes  |

## ANNEX

In order to assess whether aftermarket electrical equipment falls within the scope of UNECE Regulation 10, which corresponds to category C of the Table, the following diagram shall be used

