Commission Implementing Regulation (EU) 2016/799

of 18 March 2016

implementing Regulation (EU) No 165/2014 of the European Parliament and of the Council laying down the requirements for the construction, testing, installation, operation and repair of tachographs and their components

(Text with EEA relevance)

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ANNEX I C - Requirements for construction, testing, installation, and inspection

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THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Regulation (EU) No 165/2014 of the European Parliament and of the Council of 4 February 2014 on tachographs in road transport, and in particular Articles 11 and 12(7) thereof,

Whereas:

(1) Regulation (EU) No 165/2014 has introduced second-generation digital tachographs called smart tachographs, which include a connection to the global navigation satellite system (‘GNSS’) facility, a remote early detection communication facility, and an interface with intelligent transport systems. The

specifications for the technical requirements for the construction of smart tachographs should be set up.

(2) The remote early detection facility established by Article 9(4) of Regulation (EU) No 165/2014 should transmit to a roadside control officer the data of the digital tachograph and the information concerning the weights and weight per axles of the complete vehicle combination (tractor and trailers or semi-trailers), in accordance with Directive 96/53/EC of the European Parliament and of the Council. That should enable an effective and quick check of vehicles by the control authorities, with fewer electronic devices in the vehicle cab.

(3) In accordance with Directive 96/53/EC, the remote early detection facility should use the CEN DSRC standards referred to in that Directive, at the frequency band of 5 795-5 805 MHz. As that frequency band is used for electronic tolling as well, and in order to avoid interference between tolling and control applications, control officers should not use the remote early detection facility on a toll plaza.

(4) New security mechanisms for maintaining the level of security of the digital tachograph should be introduced with the smart tachograph to address current security vulnerabilities. One of such vulnerabilities is the absence of expiry dates of digital certificates. In order to comply with the best practices in security matters, it is recommended that the use of digital certificates without expiry dates should be avoided. The normal operation validity period of vehicle units should be 15 years, starting on the issuing date of the vehicle unit digital certificates. Vehicle units should be replaced after that validity period.

(5) The provision of secured and reliable positioning information is an essential element of the effective operation of smart tachographs. Therefore, it is appropriate to ensure their compatibility with the added value services provided by the Galileo programme as set out in Regulation (EU) No 1285/2013 of the European Parliament and of the Council in order to improve the security of the smart tachograph.

(6) In accordance with Articles 8(1), 9(1) and 10(1) and (2) of Regulation (EU) No 165/2014, the security mechanisms introduced by that Regulation should apply 36 months after the entry into force of the necessary implementing acts in order to allow the manufacturers to develop the new generation of smart tachographs, and receive their type-approval certificates from the competent authorities.

(7) In accordance with Regulation (EU) No 165/2014, vehicles registered for the first time in a Member State 36 months after the entry into force of this Commission Regulation, should be equipped with a smart tachograph compliant with the requirements of this Commission Regulation. In any case, all vehicles operating in a Member State other than their Member State of registration should be equipped with a compliant smart tachograph 15 years after the date of application of those requirements.

(8) Commission Regulation (EC) No 68/2009 allowed, during a transitional period expiring on 31 December 2013, the use of an adaptor to make possible the installation of tachographs in M1 and N1 type vehicles. Due to technical difficulties related to finding an alternative to the use of the adaptor, the experts of the automotive and tachograph industry, together with the Commission, concluded that no alternative solution to the adaptor was feasible without entailing high costs for industry, which would be disproportionate to the size of the market. Therefore, the use of the adaptor in M1 and N1 type vehicles should be allowed indefinitely.

(9) The measures provided for in this Regulation are in accordance with the opinion of the Committee referred to in Article 42(3) of Regulation (EU) No 165/2014,

HAS ADOPTED THIS REGULATION:

Article 1

Subject matter and scope

1. This Regulation lays down the provisions necessary for the application of the following aspects regarding tachographs:

(a) recording of the position of the vehicle at certain points during the daily working period of the driver;

(b) remote early detection of possible manipulation or misuse of smart tachographs;

(c) interface with intelligent transport systems;

(d) the administrative and technical requirements for the type-approval procedures of tachographs, including the security mechanisms.

2. The construction, testing, installation, inspection, operation and repair of smart tachographs and their components, shall comply with the technical requirements set out in Annex IC to this Regulation.

3. Tachographs other than smart tachographs shall continue, as regards construction, testing, installation, inspection, operation and repair, to comply with the requirements of Section 4 Part B and Section 2 of Part C of Annex 27 to the TGEU.

4. The remote early detection facility shall also transmit the weight data provided by any internal on-board weighing system installed to aid the enforcement of requirements as to the maximum authorised weight of vehicles, for the purpose of early fraud detection.

5. *Deleted.*

Article 2

Definitions

For the purposes of this Regulation, the definitions laid down in Section 4 Part B and Section 2 of Part C of Annex 27 to the TGEU shall apply.

In addition, the following definitions shall apply:

(1) ‘digital tachograph’ or ‘first generation tachograph’ means a digital tachograph other than a smart tachograph;

(2) ‘external GNSS facility’ means a facility which contains the GNSS receiver when the vehicle unit is not a single unit, as well as other components needed to protect the communication of data about position to the rest of the vehicle unit;

(3) ‘ information folder ’ means the complete folder, in electronic or paper form, containing all the information supplied by the manufacturer or its agent to the type-approval authority for the purpose of the type-approval of a tachograph or a component thereof, including the certificates referred to in Section 4 Part B and Section 2 of Part C of Annex 27 to the TGEU, the performance of the tests defined in Annex IC to this Regulation, as well as drawings, photographs, and other relevant documents;

(4) ‘information package’ means the information folder, in electronic or paper form, accompanied by any other documents added by the type-approval authority to the information folder in the course of carrying out their functions including, at the end of the type-approval process, the type-approval certificate of the tachograph or a component thereof;

(5) ‘index to the information package’ means the document listing the numbered contents of the information package identifying all the relevant parts of this package. The format of that document shall distinguish the successive steps in the type-approval process, including the dates of any revisions and updating of that package;

(6) ‘remote early detection facility’ means the equipment of the vehicle unit which is used to perform targeted roadside checks;

(7) ‘ smart tachograph ’ or ‘ second generation tachograph ’ means a digital tachograph complying with Section 4 Part B and Section 2 of Part C of Annex 27 to the TGEU as well as with Annex IC to this Regulation;

(8) ‘ tachograph component ’ means any of the following elements: the vehicle unit, the motion sensor, the record sheet, the external GNSS facility and the external remote early detection facility;

(9) ‘type-approval authority’ means the authority of a Party, the United Kingdom or Gibraltar competent to carry out the type-approval of the tachograph or of its components, the authorisation process, the issuing and, if appropriate, withdrawing of type-approval certificates and ensuring that the manufacturers meet their obligations relating to the conformity with the requirement of this Regulation;

(10) ‘ vehicle unit ’ means the tachograph excluding the motion sensor and the cables connecting the motion sensor.

It may be a single unit or several units distributed in the vehicle and includes a processing unit, a data memory, a time measurement function, two smart card interface devices for driver and co-driver, a printer, a display, connectors and facilities for entering the user's inputs, a GNSS receiver and a remote communication facility.

The vehicle unit may be composed of the following components subject to type-approval:

- vehicle unit, as a single component (including GNSS receiver and remote communication facility),
- vehicle unit main body (including remote communication facility), and external GNSS facility,
- vehicle unit main body (including GNSS receiver), and external remote communication facility,
- vehicle unit main body, external GNSS facility, and external remote communication facility.

If the vehicle unit is composed of several units distributed in the vehicle, the vehicle unit main body is the unit containing the processing unit, the data memory, and the time measurement function.

' vehicle unit (VU) ' is used for ' vehicle unit ' or ' vehicle unit main body '.

Article 3

Location-based services

1. Manufacturers shall ensure that smart tachographs are compatible with the positioning services provided by the Galileo and the European Geostationary Navigation Overlay Service ('EGNOS') systems.

2. In addition to the systems referred to in paragraph 1, manufacturers may also choose to ensure compatibility with other satellite navigation systems.

Article 4

Procedure for type-approval of a tachograph and tachograph components

1. A manufacturer or its agent shall submit an application for type-approval of a tachograph or any of its components, or group of components, to the type-approval authority. It shall consist of an information folder containing the information for each of the components concerned including, where applicable, the type-approval certificates of other components necessary to complete the tachograph, as well as any other relevant documents.

2. The type approval authority shall grant type-approval to any tachograph, component or group of components that conforms to the administrative and technical requirements referred to in Article 1(2) or (3), as applicable. In that case, the type-approval authority shall issue to the applicant a type-approval certificate that shall conform to the model laid down in Annex II to this Regulation.

3. The type-approval authority may request the manufacturer or its agent to supply any additional information.

4. The manufacturer or its agent shall make available to the type-approval authority, as well as to the persons responsible for issuing the certificates referred to in Section 4 Part B and Section 2 of Part C of Annex 27 to the TGEU, as many tachographs or tachograph components as are necessary to enable the type-approval procedure to be conducted satisfactorily.

5. Where the manufacturer or its agent seeks a type-approval of certain components or groups of components of a tachograph, he shall provide the type-approval authority with the other components, already type-approved, as well as other parts necessary for the construction of the complete tachograph, in order for the authority to conduct the necessary tests.

Article 5

Modifications to type-approvals

1. The manufacturer or its agent shall inform without delay the type-approval authorities that granted the original type-approval, about any modification in software or hardware of the tachograph or in the nature of the materials used for its manufacture which are recorded in the information package and shall submit an application for the modification of the type-approval.

2. The type-approval authorities may revise or extend an existing type-approval, or issue a new type-approval according to the nature and characteristics of the modifications.

A 'revision' shall be made where the type-approval authority considers that the modifications in software or hardware of the tachograph or in the nature of materials used for its manufacture are minor. In such cases, the type-approval authority shall issue the revised documents of the information package, indicating the nature of the modifications made and the date of their approval. An updated version of the information package in a consolidated form, accompanied by a detailed description of the modifications made, shall be sufficient to meet this requirement.

An 'extension' shall be made where the type-approval authority considers that the modifications in software or hardware of the tachograph or in the nature of materials used for its manufacture are substantial. In such cases, it may request that new tests be conducted and inform the manufacturer or its agent accordingly. If those tests prove satisfactory, the type-approval authority shall issue a revised type-approval certificate containing a number referring to the extension granted. The type-approval certificate shall mention the reason of the extension and its date of issue.

3. The index to the information package shall indicate the date of the most recent extension or revision of the type-approval, or the date of the most recent consolidation of the updated version of the type-approval.

4. A new type-approval shall be necessary when the requested modifications to the type-approved tachograph or its components would lead to the issuance of a new security or interoperability certificate.

Article 6

Entry into force

This Regulation shall enter into force on the twentieth day following that of its publication in the *Official Journal of the European Union*.

It shall apply from 2 March 2016.

However, Annex IC shall apply from 15 June 2019 with the exception of Appendix 16 which shall apply from 2 March 2016.

ANNEX I C

Requirements for construction, testing, installation, and inspection

(See Subsidiary Legislation box below)