

Commission Delegated Regulation (EU) No 134/2014 of 16 December 2013 supplementing Regulation (EU) No 168/2013 of the European Parliament and of the Council with regard to environmental and propulsion unit performance requirements and amending Annex V thereof (Text with EEA relevance)

## CHAPTER II

### **OBLIGATIONS OF THE MANUFACTURER REGARDING THE ENVIRONMENTAL PERFORMANCE OF VEHICLES**

#### *Article 3*

#### **Fitting and demonstration requirements related to the environmental performance of L-category vehicles**

1 The manufacturer shall equip L-category vehicles with systems, components and separate technical units affecting the environmental performance of a vehicle that are designed, constructed and assembled so as to enable the vehicle in normal use and maintained according to the prescriptions of the manufacturer to comply with the detailed technical requirements and testing procedures of this Regulation.

2 The manufacturer shall demonstrate by means of physical demonstration testing to the approval authority that the L-category vehicles made available on the market, registered or entering into service in the Union comply with the detailed technical requirements and test procedures concerning the environmental performance of these vehicles laid down in Articles 5 to 15.

3 Where the manufacturer modifies the characteristics of the emission abatement system or performance of any of the emission-relevant components after the approved vehicle type with regard to environmental performance is placed on the market, the manufacturer shall report this to the approval authority without delay. The manufacturer shall provide evidence to the approval authority that the changed emission abatement system or component characteristics do not result in a worse environmental performance than that demonstrated at type-approval.

4 The [<sup>F1</sup>manufacturer of parts and equipment] shall ensure that spare parts and equipment that are made available on the market or are entering into service in the Union comply with the detailed technical requirements and test procedures with respect to the environmental performance of the vehicles referred to in this Regulation. An approved L-category vehicle equipped with such a spare part or equipment shall meet the same test requirements and performance limit values as a vehicle equipped with an original part or equipment satisfying endurance requirements up to and including those set out in Article 22(2), Article 23 and Article 24 of Regulation (EU) No 168/2013.

5 The manufacturer shall ensure that type-approval procedures for verifying conformity of production are followed as regards the detailed environmental and propulsion unit performance requirements laid down in Article 33 of Regulation (EU) No 168/2013 and its Number C3 of Annex II.

6 The manufacturer shall submit to the approval authority a description of the measures taken to prevent tampering with the powertrain management system including the computers

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**Changes to legislation:** There are currently no known outstanding effects for the Commission Delegated Regulation (EU) No 134/2014, CHAPTER II. (See end of Document for details)

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controlling the environmental and propulsion unit performance in accordance with Number C1 of Annex II to Regulation (EU) No 168/2013.

7 For hybrid applications or applications equipped with a stop-start system, the manufacturer shall install on the vehicle a 'service mode' that makes it possible, subject to environmental and propulsion unit performance testing or inspection, for the vehicle to continuously run the fuel-consuming engine. Where that inspection or test execution requires a special procedure, this shall be detailed in the service manual (or equivalent media). That special procedure shall not require the use of special equipment other than that provided with the vehicle.

#### Textual Amendments

- F1** Substituted by Commission Delegated Regulation (EU) 2016/1824 of 14 July 2016 amending Delegated Regulation (EU) No 3/2014, Delegated Regulation (EU) No 44/2014 and Delegated Regulation (EU) No 134/2014 with regard, respectively, to vehicle functional safety requirements, to vehicle construction and general requirements and to environmental and propulsion unit performance requirements (Text with EEA relevance).

### Article 4

#### Application of UNECE regulations

1 The UNECE regulations and amendments thereto set out in Annex I to this Regulation shall apply to environmental and propulsion unit performance type approval.

2 Vehicles with a maximum design vehicle speed  $\leq 25$  km/h shall meet all the relevant requirements of UNECE regulations applying to vehicles with a maximum vehicle design speed of  $> 25$  km/h.

3 References to vehicle categories L<sub>1</sub>, L<sub>2</sub>, L<sub>3</sub>, L<sub>4</sub>, L<sub>5</sub>, L<sub>6</sub> and L<sub>7</sub> in the UNECE regulations shall be understood as references to vehicle categories L1e, L2e, L3e, L4e, L5e, L6e and L7e respectively under this Regulation, including any sub-categories.

### Article 5

#### Technical specifications, requirements and test procedures with respect to the environmental performance of L-category vehicles

1 The environmental and propulsion unit performance test procedures shall be performed in accordance with the test requirements laid down in this Regulation.

2 The test procedures shall be carried out or witnessed by the approval authority or, if authorised by the approval authority, by the technical service. The manufacturer shall select a representative parent vehicle to demonstrate compliance of the environmental performance of the L-category vehicles to the satisfaction of the approval authority complying with the requirements of Annex XI.

3 The measurement methods and test results shall be reported to the approval authority in the test report format pursuant to Article 32(1) of Regulation (EU) No 168/2013.

4 The environmental performance type-approval regarding test types I, II, III, IV, V, VII and VIII shall extend to different vehicle variants, versions and propulsion types and families,

provided that the vehicle version, propulsion or pollution-control system parameters specified in Annex XI are identical or remain within the prescribed and declared tolerances in that Annex.

5 Hybrid applications or applications equipped with a stop-start system shall be tested with the fuel-consuming engine running where specified in the test procedure.

#### *Article 6*

### **Test type I requirements: tailpipe emissions after cold start**

The test procedures and requirements applying to test type I on tailpipe emissions after cold start referred to in Part A of Annex V to Regulation (EU) No 168/2013, shall be conducted and verified in accordance with Annex II to this Regulation.

#### *Article 7*

### **Test type II requirements: tailpipe emissions at (increased) idle and at free acceleration**

The test procedures and requirements applying to test type II on tailpipe emissions at (increased) idle and at free acceleration referred to in Part A of Annex V to Regulation (EU) No 168/2013, shall be conducted and verified in accordance with Annex III to this Regulation.

#### *Article 8*

### **Test type III requirements: emissions of crankcase gases**

The test procedures and requirements applying to test type III on emissions of crankcase gases referred to in Part A of Annex V to Regulation (EU) No 168/2013, shall be conducted and verified in accordance with Annex IV to this Regulation.

#### *Article 9*

### **Test type IV requirements: evaporative emissions**

The test procedures and requirements applying to test type IV on evaporative emissions referred to in Part A of Annex V to Regulation (EU) No 168/2013, shall be conducted and verified in accordance with Annex V to this Regulation.

#### *Article 10*

### **Test type V requirements: durability of pollution-control devices**

The type V durability of pollution-control devices test procedures and requirements referred to in Part A of Annex V to Regulation (EU) No 168/2013, shall be conducted and verified in accordance with Annex VI to this Regulation.

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### *Article 11*

#### **Test type VII requirements: CO<sub>2</sub> emissions, fuel consumption, electric energy consumption or electric range**

The test procedures and requirements applying to test type VII on energy efficiency with respect to CO<sub>2</sub> emissions, fuel consumption, electric energy consumption or electric range referred to in Part A of Annex V to Regulation (EU) No 168/2013, shall be conducted and verified in accordance with Annex VII to this Regulation.

### *Article 12*

#### **Test type VIII requirements: OBD environmental tests**

The test procedures and requirements applying to test type VIII on the environmental part of on-board diagnostics (OBD) referred to in Part A of Annex V to Regulation (EU) No 168/2013, shall be conducted and verified in accordance with Annex VIII to this Regulation.

### *Article 13*

#### **Test type IX requirements: sound level**

The type test procedures and requirements applying to test type IX on sound level referred to in Part A of Annex V to Regulation (EU) No 168/2013, shall be conducted and verified in accordance with Annex IX to this Regulation.

**Changes to legislation:**

There are currently no known outstanding effects for the Commission Delegated Regulation (EU) No 134/2014, CHAPTER II.