Changes to legislation: There are outstanding changes not yet made to Commission Implementing Regulation (EU) 2017/1153. Any changes that have already been made to the legislation appear in the content and are referenced with annotations. (See end of Document for details)

Commission Implementing Regulation (EU) 2017/1153 of 2 June 2017 setting out a methodology for determining the correlation parameters necessary for reflecting the change in the regulatory test procedure and amending Regulation (EU) No 1014/2010 (Text with EEA relevance)

Article 1	Subject matter
Article 2	Definitions
Article 3	Determination of average specific emissions of CO2 for target compliance purpose in the period 2017 to 2020
Article 4	Determination of average specific emissions based on WLTP CO2 values
Article 5	Application of Article 5a of Regulation (EC) No 443/2009 — super-credits
Article 6	Application of Article 12 of Regulation (EC) No 443/2009 — eco-innovations
Article 7	Determination and correction of NEDC CO2 values for the calculation of the specific average emissions
Article 7a	Reporting of WLTP measurement results
Article 8	Amendments to Regulation (EU) No 1014/2010
Article 9	Entry into force Signature
	Digitation

ANNEX I

- 1. INTRODUCTION
- 2. DETERMINATION OF THE NEDC CO2 VALUE FOR THE WLTP INTERPOLATION...
 - 2.1. Correlation tool
 - 2.1.1. Access to the correlation tool
 - 2.1.2. Designation of correlation tool users
 - 2.1.3. Annual update of the correlation tool
 - 2.1.4. Ad-hoc adjustments of the correlation tool
 - 2.2. Identification of the WLTP test results to be used for...
 - 2.2a. WLTP test conditions
 - 2.2b. Applicability of the WLTP test conditions
 - 2.3. Determination of the input data and conditions for the operation...
 - 2.3.1. Determination of the NEDC vehicle inertia
 - 2.3.2. Determination of the pre-conditioning effect
 - 2.3.3. Ambient conditions referred to in point 3.1.1 of UN/ECE Regulation...
 - 2.3.4. Determination of the initial battery state of charge
 - 2.3.5. Determination of the difference in tyre pressure prescriptions
 - 2.3.6. Determination of the tyre tread depth (TTD)
 - 2.3.7. Determination of the inertia of rotating parts
 - 2.3.8. Determination of the NEDC road loads
 - 2.3.8.1. In the case of WLTP road loads being determined in...

Status: Point in time view as at 01/02/2019.

Changes to legislation: There are outstanding changes not yet made to Commission Implementing Regulation (EU) 2017/1153. Any changes that have already been made to the legislation appear in the content and are referenced with annotations. (See end of Document for details)

- 2.3.8.1. Determination of the NEDC road load coefficients for vehicle H...
- 2.3.8.1.2 Determination of the NEDC road load coefficients for vehicle L...
- 2.3.8.2. Determination of the road loads where, for the purpose of...
 - 2.3.8.2. Road load matrix family in accordance with point 5.1
 - 2.3.8.2. Default road loads in accordance with point 5.2 of Sub-Annex...
- 2.3.8.3. Extensions of emissions approvals granted pursuant to Regulation (EU) 2017/1151...
- 2.4. Input data matrix
- DETERMINATION OF NEDC CO2 EMISSION AND FUEL CONSUMPTION 3. VALUES FOR...
 - 3 1 Determination of NEDC CO2 reference values, phase-specific values and fuel...
 - 3.1.1. Correlation tool input and output
 - 3.1.1.1. Original correlation output report
 - 3.1.1.2. Complete correlation file
 - NEDC CO 2 reference value for vehicle H 3.1.2.
 - 3.1.3. NEDC CO 2 reference value for vehicle L
 - Interpretation of the NEDC CO2 reference values determined for vehicle... 3.2.
 - The NEDC CO2 value for test vehicle H or L... 3.2.1.
 - If the NEDC CO2 reference value exceeds the manufacturer-declared 3.2.2. value
 - 3.2.3. If the physical measurement referred to in point 3.2.2, amplified...
 - If the physical measurement, amplified by the Ki-factor, exceeds the... 3.2.4.
 - 3.2.5. If the average of the two measurements referred to in...
 - 3.2.6. Where the randomly generated number referred to in point 3.1.1.2...
 - 3.2.7. Notwithstanding point 3.2.6, a type-approval authority shall, where applicable, based...
 - Where a physical test is performed in accordance with point...
 - Calculation of the NEDC phase-specific CO2 values and fuel consumption... 3.3.
 - Calculation of the NEDC phase-specific CO 2 values for vehicle... 3.3.1.
 - 3.3.2.
 - Calculation of the NEDC phase-specific CO 2 values for vehicle... Calculation of the NEDC fuel consumption for vehicle H and... 3.3.3. 3.3.3.1. Calculation of the NEDC fuel consumption (combined)
 - 3.3.3.2. Calculation of the NEDC phase-specific fuel consumption
 - Calculation of the NEDC fuel consumption for vehicle L
 - 3.3.4.1. Calculation of the NEDC fuel consumption (combined) for vehicle L...
 - 3.3.4.2. Calculation of the NEDC phase-specific fuel consumption for vehicle L...
- 4. CALCULATION OF THE NEDC CO2 VALUES AND FUEL CONSUMPTION VALUES...
 - 4.1. Determination of the NEDC CO2 values in the case of...
 - Determination of the NEDC CO2 value in the case of... 4.2.
 - Road load calculation of an individual vehicle
 - 4.2.1.1. Mass of the relevant vehicle
 - 4.2.1.2. Rolling resistance of the individual vehicle
 - 4.2.1.3. Aerodynamic drag of an individual vehicle

Document Generated: 2023-12-14

Status: Point in time view as at 01/02/2019.

Changes to legislation: There are outstanding changes not yet made to Commission Implementing Regulation (EU) 2017/1153. Any changes that have already been made to the legislation appear in the content and are referenced with annotations. (See end of Document for details)

- 4.2.1.4. Calculation of the road load for an individual vehicle in...
 - 4.2.1.4. Road load coefficients derived from NEDC vehicle H and L...

Formula 1(a)

Formula 1(b)

Formula 2

Formula 3

- 4.2.1.4.2Road load coefficients derived from WLTP road load coefficients of...
- 4.2.1.4aNEDC road loads derived from the representative vehicle of
 - (a) The F0n,ind for the individual vehicle shall be determined as...
 - (b) The F2n,ind for the individual vehicle shall be determined as...
 - (c)
- 4.2.1.5. Calculation of cycle energy demand
- 4.2.1.6. Calculation of the NEDC CO2 value for an individual vehicle
- 4.2.1.7. Calculation of the NEDC fuel consumption value for an individual...

5. RECORDING OF DATA

ANNEX II

ANNEX I Data sources In accordance with Article 3(8) of...

Status: Point in time view as at 01/02/2019.

Changes to legislation: There are outstanding changes not yet made to Commission Implementing Regulation (EU) 2017/1153. Any changes that have already been made to the legislation appear in the content and are referenced with annotations. (See end of Document for details)

- (1) OJ L 140, 5.6.2009, p. 1.
- (2) Commission Regulation (EU) 2017/1151 of 1 June 2017 supplementing Regulation (EC) No 715/2007 of the European Parliament and of the Council on type-approval of motor vehicles with respect to emissions from light passenger and commercial vehicles (Euro 5 and Euro 6) and on access to vehicle repair and maintenance information, amending Directive 2007/46/EC of the European Parliament and of the Council, Commission Regulation (EC) No 692/2008 and Commission Regulation (EU) No 1230/2012 and repealing Commission Regulation (EC) No 692/2008 (See page 1 of this Official Journal).
- (3) Commission Regulation (EC) No 692/2008 of 18 July 2008 implementing and amending Regulation (EC) No 715/2007 of the European Parliament and of the Council on type-approval of motor vehicles with respect to emissions from light passenger and commercial vehicles (Euro 5 and Euro 6) and on access to vehicle repair and maintenance information (OJ L 199, 28.7.2008, p. 1).
- (4) Commission Regulation (EU) No 1014/2010 of 10 November 2010 on monitoring and reporting of data on the registration of new passenger cars pursuant to Regulation (EC) No 443/2009 of the European Parliament and the Council (OJ L 293, 11.11.2010, p. 15).

Status:

Point in time view as at 01/02/2019.

Changes to legislation:

There are outstanding changes not yet made to Commission Implementing Regulation (EU) 2017/1153. Any changes that have already been made to the legislation appear in the content and are referenced with annotations.