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From: Secretary-General of the European Commission,
signed by Mr Jordi AYET PUIGARNAU, Director

date of receipt: 2 June 2017

To: Mr Jeppe TRANHOLM-MIKKELSEN, Secretary-General of the Council of
the European Union

No. Cion doc.: C(2017) 3492 final - Annex 1

Subject: ANNEX to the Commission Delegated Regulation amending Annexes I and
II to Regulation (EC) No 443/2009 of the European Parliament and of the
Council in order to adapt to the change in regulatory test procedure for the
measurement of CO₂ emissions from light duty vehicles

Delegations will find attached document C(2017) 3492 final - Annex 1.

Encl.: C(2017) 3492 final - Annex 1



Brussels, 2.6.2017
C(2017) 3492 final

ANNEX 1

ANNEX

to the

Commission Delegated Regulation

amending Annexes I and II to Regulation (EC) No 443/2009 of the European Parliament and of the Council in order to adapt to the change in regulatory test procedure for the measurement of CO₂ emissions from light duty vehicles

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Annex I and II to Regulation (EC) No 443/2009 are amended as follows:

(1) In Annex I, the following points 3, 4 and 5 are added:

‘3. The specific emission reference target for a manufacturer in 2021 shall be calculated as follows:

$$\text{WLTP specific emission reference target} = \text{WLTP}_{\text{CO}_2} \cdot \left(\frac{\text{NEDC}_{2020\text{target}}}{\text{NEDC}_{\text{CO}_2}} \right)$$

Where:

$\text{WLTP}_{\text{CO}_2}$ is the average specific emissions of CO₂ in 2020 determined in accordance with Annex XXI to Regulation (EU) No [.../...][*WLTP*] and calculated in accordance with the sixth indent in the second paragraph of Article 4 of this Regulation, without including CO₂ savings resulting from the application of Articles 5a and 12 of this Regulation;

$\text{NEDC}_{\text{CO}_2}$ is the average specific emissions of CO₂ in 2020 determined in accordance with Implementing Regulation (EU) No [.../...][*Correlation*], and calculated in accordance with the sixth indent in the second paragraph of Article 4 of this Regulation without including CO₂ savings resulting from the application of Articles 5a and 12 of this Regulation;

$\text{NEDC}_{2020\text{target}}$ is the 2020 specific emission target calculated in accordance with point 1(c) of this Annex.

4. Starting from 2021, the specific emission target for a manufacturer shall be calculated as follows:

$$\text{Specific emission target} = \text{WLTP}_{\text{reference target}} + a [(M\phi - M_0) - (M\phi_{2020} - M_{0,2020})]$$

Where:

$\text{WLTP}_{\text{reference target}}$ is the 2021 specific emission reference target calculated in accordance with point 3;

a	is as defined in point 1(c);
$M\emptyset$	is the average of the mass (M) as defined in point 1 of the new registered vehicles in the target year in kilograms (kg);
M_0	is as defined in point 1;
$M\emptyset_{2020}$	is the average of the mass (M) as defined in point 1 of the new registered vehicles in 2020 in kilograms (kg);
$M_{0,2020}$	is the M_0 value applicable in the reference year 2020.

5. For a manufacturer that has been granted a derogation with regard to a specific NEDC based emission target in 2021, the WLTP based derogation target shall be calculated as follows:

$$Derogation\ target_{2021} = WLTP_{CO_2} \cdot \frac{NEDC_{2021\ target}}{NEDC_{CO_2}}$$

Where:

$WLTP_{CO_2}$ is as defined in point 3;

$NEDC_{CO_2}$ is as defined in point 3;

$NEDC_{2021\ target}$ is the 2021 specific emission target granted by the Commission pursuant to Article 11 of this Regulation.’;

- (2) Annex II is amended as follows:

- (a) in Part A, point 1 is replaced by the following:

- ‘1. Member States shall, for each calendar year, record the following detailed data for each new passenger car registered in their territory:
- (a) the manufacturer;
 - (b) the type-approval number with its extension;
 - (c) the type, variant, and version (where applicable);
 - (d) make and commercial name;
 - (e) category of vehicle type-approved;
 - (f) total number of new registrations;
 - (g) mass in running order;
 - (h) the specific emissions of CO₂ (NEDC and WLTP);

- (i) footprint: the wheel base, the track width steering axle and the track width other axle;
- (j) the fuel type and fuel mode;
- (k) engine capacity;
- (l) electric energy consumption;
- (m) code for the innovative technology or group of innovative technologies and the CO₂ emissions reduction due to that technology (NEDC and WLTP);
- (n) maximum net power;
- (o) the vehicle identification number;
- (p) WLTP test mass;
- (q) deviation and verification factors referred to in point 3.2.8 of Annex I to Implementing Regulation (EU) No [.../...][*Correlation*]
- (r) category of vehicle registered.

However, for the calendar year 2017, the data referred to in point (g), as regards WLTP CO₂ emissions values, and in point (l), as regards WLTP eco-innovation savings, as well as the data referred to in points (n), (o) and (q), may be reported on a voluntary basis.

Starting from calendar year 2018, Member States shall make available to the Commission, in accordance with Article 8, all parameters listed in this point as specified in the format in Section 2 of Part C.

Member States shall make available the data referred to in point (f) for calendar years 2017 and 2018.

(b) Part C is replaced by the following:

‘PART C – Format for the transmission of data

For each year, Member States shall report the information specified in points 1 and 3 of part A in the following formats:

Section 1 - Aggregated monitoring data

Member State ⁽¹⁾	
Year	

Data source	
Total number of new registrations of new passenger cars subject to EC type-approval	
Total number of new registrations of new individually approved passenger cars	
Total number of new registrations of new passenger cars approved as national small series	

⁽¹⁾ ISO 3166 alpha-2 codes with the exception of Greece and the United Kingdom for which the codes are 'EL' and 'UK' respectively.

Section 2 – Detailed monitoring data – one vehicle record

Reference to Point 1 of Part A	Detailed data per vehicle registered
(a)	Manufacturer name EU standard denomination
	Manufacturer name OEM declaration
	Manufacturer name in Member State registry ¹
(b)	Type approval number and its extension
(c)	Type
	Variant
	Version
(d)	Make and commercial name
(e)	Category of vehicle type approved
(f)	Total number of new registrations (for 2017 and 2018)
(g)	Mass in running order
(h)	Specific CO ₂ emissions (combined) NEDC value
	Specific CO ₂ emissions (combined) WLTP value (from 2019)
(i)	Wheel base

	Track width steering axle (Axle 1)
	Track width other axle (Axle 2)
(j)	Fuel type
	Fuel mode
(k)	Engine capacity (cm ³)
(l)	Electric energy consumption (Wh/km)
(m)	Code of the eco-innovation(s)
	Total NEDC CO ₂ emissions savings due to the eco-innovation(s)
	Total WLTP CO ₂ emissions savings due to the eco-innovation(s) (from 2019)
(n)	Maximum net power
(o)	Vehicle identification number (from 2019)
(p)	WLTP test mass (from 2019)
(q)	Deviation factor De (where available)
(r)	Verification factor (where available)
(r)	Category of vehicle registered

Notes:

¹ In the case of the national small series approvals (NSS) or the individual approvals (IVA), the manufacturer name shall be provided in the column "Manufacturer name in Member State registry" whilst in the column "Manufacturer name EU standard denomination" either of the following shall be indicated: "AA-NSS" or "AA-IVA" as the case may be.'.