

## II

(Non-legislative acts)

## DECISIONS

## COMMISSION IMPLEMENTING DECISION (EU) 2021/973

of 1 June 2021

**confirming or amending the provisional calculation of the average specific emissions of CO<sub>2</sub> and the specific emissions targets for manufacturers of passenger cars and light commercial vehicles for the calendar year 2019 and, for the passenger car manufacturer Dr Ing. h.c. F. Porsche AG and the Volkswagen pool, for the calendar years 2014 to 2018 pursuant to Regulation (EU) 2019/631 of the European Parliament and of the Council**

*(notified under document C(2021) 3682)*

**(Only the Czech, Dutch, English, Estonian, French, German, Hungarian, Italian and Swedish texts are authentic)**

**(Text with EEA relevance)**

THE EUROPEAN COMMISSION,

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

Having regard to Regulation (EU) 2019/631 of the European Parliament and of the Council of 17 April 2019 setting CO<sub>2</sub> emission performance standards for new passenger cars and for new light commercial vehicles and repealing Regulation (EC) No 443/2009 and (EU) No 510/2011 <sup>(1)</sup>, and in particular the second subparagraph of Article 7(5) thereof,

Whereas:

- (1) In accordance with Regulation (EU) 2019/631, and, with regard to the specific emission targets and average specific emissions for the calendar year 2019, Regulations (EC) No 443/2009 <sup>(2)</sup> and (EU) No 510/2011 <sup>(3)</sup>, the Commission is required to determine, each year, the average specific emissions of CO<sub>2</sub> and the specific emissions target for each manufacturer responsible for new passenger cars and light commercial vehicles registered in the Union, Iceland, Norway and the United Kingdom as well as for each pool of manufacturers. On that basis, the performance of manufacturers or pools of manufacturers in complying with their obligation to not exceed their respective specific emission targets is established.
- (2) The detailed data to be used for the calculation of the average specific emissions of CO<sub>2</sub> and the specific emissions targets for the calendar year 2019 is based on the reporting authorities' registrations of new passenger cars and new light commercial vehicles during that calendar year.
- (3) All countries submitted their 2019 data to the Commission, however, in some cases with some delays as compared to the reporting deadline of 28 February 2020. Where, as a result of the verification of the data by the Commission, it was evident that certain data were missing or manifestly incorrect, the Commission has contacted the reporting authorities concerned and, subject to their agreement, adjusted or completed the data accordingly. Where no agreement could be reached with a reporting authority, the provisional data submitted by that country was not adjusted.

<sup>(1)</sup> OJ L 111, 25.4.2019, p. 13.

<sup>(2)</sup> Regulation (EC) No 443/2009 of the European Parliament and of the Council of 23 April 2009 setting emission performance standards for new passenger cars as part of the Community's integrated approach to reduce CO<sub>2</sub> emissions from light-duty vehicles (OJ L 140, 5.6.2009, p. 1).

<sup>(3)</sup> Regulation (EU) No 510/2011 of the European Parliament and of the Council of 11 May 2011 setting emission performance standards for new light commercial vehicles as part of the Union's integrated approach to reduce CO<sub>2</sub> emissions from light-duty vehicles (OJ L 145, 31.5.2011, p. 1).

- (4) On 26 June 2020, the Commission published the provisional data and notified 91 manufacturers of passenger cars and 61 manufacturers of light commercial vehicles, as well as the respective pools, of the provisional calculations of their average specific emissions of CO<sub>2</sub> and their specific emissions targets in 2019.
- (5) The provisional data notified by the Commission included the correction factors, both for passenger cars, calculated in accordance with Article 7(2) of Commission Implementing Regulation (EU) 2017/1153 <sup>(4)</sup> and for light commercial vehicles, calculated in accordance with Article 6(2) of Commission Implementing Regulation (EU) 2017/1152 <sup>(5)</sup>. The determination of correction factors is part of the correlation procedures set up in order to reflect the change in the regulatory test procedure for the measurement of specific emissions of CO<sub>2</sub>. They serve to ensure that procedural tolerances necessary for the correlation of the CO<sub>2</sub> emission values are applied as intended and not as a means to artificially lower those values.
- (6) A correction factor is calculated based on deviation and verification factors determined for a statistical sample of vehicles that should be representative of the manufacturer's fleet of new vehicles.
- (7) Manufacturers were asked to verify the provisional data in accordance with Article 8(4) of Regulation (EC) No 443/2009 and Article 8(5) of Regulation (EU) No 510/2011 and, in particular, the deviation and verification factors on the basis of which the correction factor is calculated, and to notify the Commission of any errors within three months of receipt of the notification. 56 manufacturers of passenger cars and 24 manufacturers of light commercial vehicle submitted a notification of errors. For one passenger car manufacturer, the applicability of a correction factor to their average specific emissions was confirmed. For one manufacturer of passenger cars and one manufacturer of light commercial vehicles, all vehicles reported in the provisional dataset were outside the scope of Regulation (EU) 2019/631.
- (8) For the remaining manufacturers of passenger cars and manufacturers of light commercial vehicles that did not notify any errors in the datasets or respond otherwise, the provisional data and provisional calculations of the average specific emissions and the specific emissions targets should be confirmed. For one of those manufacturers of light commercial vehicles a correction factor should be applied.
- (9) The Commission has verified the errors notified by the manufacturers and the reasons for their correction, and the provisional dataset has been confirmed or amended as appropriate. Only those records have been retained in the dataset that include the values for mass and CO<sub>2</sub> emissions. As a result, for 89 manufacturers of passenger cars and 58 manufacturers of light commercial vehicles the provisional data should be confirmed or amended.
- (10) In accordance with Articles 4 of Regulations (EC) No 443/2009 and (EU) No 510/2011, a manufacturer should be considered as compliant with its specific emissions target where its average specific emissions of CO<sub>2</sub> indicated in this Decision do not exceed its specific emissions target. For manufacturers which are members of a pool, compliance should be assessed at the level of the pool in accordance with Articles 7(7) of those Regulations.
- (11) Records with complete data on mass in running order and CO<sub>2</sub> emissions but with missing or incorrect vehicle identification numbers should be included in the calculation of the specific emission targets and the average specific emissions. However, the fact that manufacturers cannot verify or correct those records should be taken into account. Therefore, it is appropriate to apply an error margin when determining the distance to target of the manufacturers concerned.
- (12) That error margin is calculated as the difference between the distances between the average specific emissions and the specific emissions target calculated including and excluding all vehicle registrations that cannot be verified by the manufacturer. Regardless of whether that difference is positive or negative, the error margin is applied so that it always improves the manufacturer's position with regard to its specific emission target.

<sup>(4)</sup> 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 regulatory test procedure and amending Implementing Regulation (EU) No 1014/2010 (OJ L 175, 7.7.2017, p. 679).

<sup>(5)</sup> Commission Implementing Regulation (EU) 2017/1152 of 2 June 2017 setting out a methodology for determining the correlation parameters necessary for reflecting the change in regulatory test procedure with regard to light commercial vehicles and amending Implementing Regulation (EU) No 293/2012 (OJ L 175, 7.7.2017, p. 644).

- (13) Where, after taking into account the error margin, the distance to target of a manufacturer or a pool, as the case may be, is above zero, an excess emission premium is to be imposed in accordance with Article 8 of Regulation (EU) 2019/631. This is the case for four manufacturers of passenger cars: Automobili Lamborghini S.p.A., Bentley Motors Ltd, Maserati S.p.A. and Ssangyong Motor Company and for one manufacturer of light commercial vehicles Ssangyong Motor Company. The excess emission premium is to be calculated in accordance with Article 8(2) of Regulation (EU) 2019/631.
- (14) In accordance with Articles 2(4) of Regulations (EC) No 443/2009 and (EU) No 510/2011, manufacturers responsible for fewer than 1 000 new vehicle registrations in the calendar year are exempt from meeting a specific emission target. It is, however, appropriate to calculate and report their average specific emissions as well as the number of new vehicles registered.
- (15) Following a thorough investigation, satisfactory clarifications have been obtained from the passenger car manufacturer Dr Ing. h. c. F. Porsche AG on the basis of which the provisional data for the 2014 to 2019 calendar years have been amended for that manufacturer. Against that background, the provisional data for those calendar years should be considered confirmed for that manufacturer and for the Volkswagen pool it is a member of.
- (16) The Commission has, in accordance with Article 12 of Commission Implementing Regulation (EU) No 725/2011 <sup>(6)</sup>, performed an ad hoc verification of CO<sub>2</sub> savings certified by reference to Commission Implementing Decision 2013/341/EU <sup>(7)</sup> and Commission Implementing Decision (EU) 2015/158 <sup>(8)</sup>. The verification showed satisfactory results with regard to the CO<sub>2</sub> savings certified by reference to Implementing Decision 2013/341/EU. However, with regard to Implementing Decision (EU) 2015/158, a difference was found between the certified CO<sub>2</sub> savings of two efficient alternators fitted in vehicles manufactured by Daimler AG and those verified by the Commission of 9 % and 23 % respectively. The Commission notified Daimler AG of the deviations found and invited that manufacturer to provide evidence demonstrating the accuracy of the certified CO<sub>2</sub> savings.
- (17) Based on the information provided by Daimler AG, the Commission has found that the difference in savings was due to a difference in how the testing methodology was applied for the purposes of the certification and for the verification of the CO<sub>2</sub> savings. More precisely, a run-in of the efficient alternators was performed prior to the certification test, even though the testing methodology referred to in Implementing Decision (EU) 2015/158 neither prescribes nor allows a specific run-in of the efficient alternators to be performed outside the certification test.
- (18) It follows from Articles 12 of Regulations (EC) No 443/2009 and (EU) No 510/2011 that, in order for CO<sub>2</sub> savings from innovative technologies to be taken into account for the calculation of a manufacturer's specific average emissions in 2019, those savings must make a verified contribution to CO<sub>2</sub> reductions, in accordance with a testing methodology capable of producing verifiable, repeatable and comparable results. As the certified CO<sub>2</sub> savings of two efficient alternators in certain vehicles manufactured by Daimler AG have not been confirmed by the verification performed on the basis of the testing methodology referred to in Implementing Decision (EU) 2015/158, the certified CO<sub>2</sub> savings attributed to those eco-innovations, amounting to 0,102 g CO<sub>2</sub>/km at the Daimler AG's fleet level, should not be taken into account for the calculation of that manufacturer's average specific emissions. On the same basis, the CO<sub>2</sub> savings attributed to those eco-innovations, amounting to 0,101 g CO<sub>2</sub>/km at the Daimler AG pool's fleet level, should not be taken into account for the calculation of pool's average specific emissions.
- (19) The values relating to the performance of a manufacturer as confirmed or amended by this Decision could be revised in the event that the relevant national authorities confirm the existence of irregularities in the CO<sub>2</sub> emission values provided for the purpose of determining the manufacturer's compliance with the specific emissions target,

<sup>(6)</sup> Commission Implementing Regulation (EU) No 725/2011 of 25 July 2011 establishing a procedure for the approval and certification of innovative technologies for reducing CO<sub>2</sub> emissions from passenger cars pursuant to Regulation (EC) No 443/2009 of the European Parliament and of the Council (OJ L 194, 26.7.2011, p. 19).

<sup>(7)</sup> Commission Implementing Decision 2013/341/EU of 27 June 2013 on the approval of the Valeo Efficient Generation Alternator as an innovative technology for reducing CO<sub>2</sub> emissions from passenger cars pursuant to Regulation (EC) No 443/2009 of the European Parliament and of the Council (OJ L 179, 29.6.2013, p. 98).

<sup>(8)</sup> Commission Implementing Decision (EU) 2015/158 of 30 January 2015 on the approval of two Robert Bosch GmbH high efficient alternators as the innovative technologies for reducing CO<sub>2</sub> emissions from passenger cars pursuant to Regulation (EC) No 443/2009 of the European Parliament and of the Council (OJ L 26, 31.1.2015, p. 31).

HAS ADOPTED THIS DECISION:

*Article 1*

1. The values relating to the performance of manufacturers of passenger cars in respect of the 2019 calendar year are specified in Annex I.
2. The values relating to the performance of manufacturers of light commercial vehicles in respect of the 2019 calendar year are specified in Annex II.
3. The values relating to the performance of Dr Ing. h.c. F. Porsche AG and the Volkswagen pool as manufacturers of passenger cars, in respect of the 2014 to 2017 calendar years are specified in Annex III and in respect of the 2018 calendar year are specified in Annex IV.

*Article 2*

This Decision is addressed to the following individual manufacturers and pools formed in accordance with Article 6 of Regulation (EU) 2019/631:

- (1) ADAM OPEL GMBH  
Bahnhofsplatz 1 IPC 39-13  
65423 Rüsselsheim  
Germany
- (2) ADIDOR VOITURES SAS  
2/4 Rue Hans List  
78290 Croissy-sur-Seine  
France
- (3) ALFA ROMEO SPA  
C.so Settembrini, 40  
Gate 8 – Building 6 – 1st floor – B15N Colonna N47  
10135 Torino  
Italy
- (4) ALKE SRL  
via Vigonovese 123  
35127 Padova  
Italy
- (5) ALPINA BURKARD BOVENSIEPEN GMBH E CO KG  
Alpenstraße 35-37  
86807 Buchloe  
Germany
- (6) ANHUI JIANGHUAI AUTOMOBILE  
Via Lanzo 27  
10071 Borgaro Torinese  
Italy
- (7) ASTON MARTIN LAGONDA LIMITED  
Represented in the Union by:  
Aston Martin Lagonda of Europe GmbH,  
Unterschweinstiege 2-14  
60549 Frankfurt am Main  
Germany

- 
- (8) AUDI AG  
Letter box 011/1882  
38436 Wolfsburg  
Germany
- (9) AUDI HUNGARIA MOTOR KFT  
Letter box 011/1882  
38436 Wolfsburg  
Germany
- (10) AUDI SPORT GMBH  
Letter box 011/1882  
38436 Wolfsburg  
Germany
- (11) AUTOMOBILE DACIA SA  
1 Avenue du Golf  
78280 Guyancourt Cedex  
France
- (12) AUTOMOBILES CITROEN  
7, rue Henri Sainte-Claire Deville  
92500 Rueil-Malmaison  
France
- (13) AUTOMOBILES PEUGEOT  
7, rue Henri Sainte-Claire Deville  
92500 Rueil-Malmaison  
France
- (14) AUTOMOBILI LAMBORGHINI SPA  
via Modena 12  
40019 Sant'Agata Bolognese (BO)  
Italy
- (15) AVTOVAZ JSC  
Represented in the Union by:  
CS AUTOLADA  
211 Konevova  
130 00 Prague 3  
Czech Republic
- (16) BAYERISCHE MOTOREN WERKE AG  
Petuelring 130  
80788 München  
Germany
- (17) BEIJING BORGWARD AUTOMOTIVE CO LTD  
Kriegsbergstraße 11  
70174 Stuttgart  
Germany

- (18) BENTLEY MOTORS LTD  
Pyms Lane  
CW1 3PL  
Crewe Cheshire  
United Kingdom
- (19) BLUECAR SAS  
31-32 quai de Dion Bouton  
92800 Puteaux  
France
- (20) BMW M GMBH  
Petuelring 130  
80788 München  
Germany
- (21) BMW Pool  
Petuelring 130  
80788 München  
Germany
- (22) BUGATTI AUTOMOBILES SAS  
Letter box 011/1882  
38436 Wolfsburg  
Germany
- (23) CATERHAM CARS LIMITED  
2 Kennet Road  
DA1 4QN Dartford  
United Kingdom
- (24) CNG-TECHNIK GMBH  
Niehl Plant, building, Imbert 479  
Henry Ford Strasse 1  
50735 Köln  
Germany
- (25) DAIMLER AG  
Building 120, Mercedesstrasse 120  
70546 Stuttgart-Untertuerkheim  
Germany
- (26) DAIMLER Pool (M1)  
Represented in the Union by:  
DAIMLER AG  
Building 120, Mercedesstrasse 120  
70546 Stuttgart-Untertuerkheim  
Germany
- (27) DAIMLER Pool (N1)  
Represented in the Union by:  
DAIMLER AG  
Building 120, Mercedesstrasse 120  
70546 Stuttgart-Untertuerkheim  
Germany

- (28) DFSK MOTOR CO LTD  
Represented in the Union by:  
Giotti Victoria Sr.l. Pisana Road, 11/a  
50021 Barberino, Val D' Elsa (FI)  
Italy
- (29) DONKERVOORT AUTOMOBIELEN BV  
Pascallaan 96  
8218 NJ Lelystad  
The Netherlands
- (30) DR AUTOMOBILES SRL  
Zona Industriale, Snc  
86070 Macchia d'Isernia  
Italy
- (31) DR ING HCF PORSCHE AG  
Letter box 011/1882  
38436 Wolfsburg  
Germany
- (32) DR MOTOR COMPANY SRL  
S S 85 Venafrana km 37500  
86070 Macchia d'Isernia  
Italy
- (33) E-GO MOBILE AG  
AG Campus-Boulevard 30 D  
52074 Aachen  
Germany
- (34) FABBRICA DALLARA SRL  
Via Guglielmo Marconi,18  
43040 Varano de' Melegari (PR)  
Italy
- (35) FCA ITALY SPA  
C.so Settembrini, 40  
Gate 8 – Building 6 – 1st floor – B15N Colonna N47  
10135 Torino  
Italy
- (36) FCA TESLA Pool  
Represented in the Union by:  
FCA Italy SpA  
C.so Settembrini, 40  
Gate 8 – Building 6 – 1st floor – B15N Colonna N47  
10135 Torino  
Italy

- (37) FCA US LLC  
C.so Settembrini, 40  
Gate 8 – Building 6 – 1st floor – B15N Colonna N47  
10135 Torino  
Italy
- (38) FIAT GROUP Pool (N1)  
C.so Settembrini, 40  
Gate 8 – Building 6 – 1st floor – B15N Colonna N47  
10135 Torino  
Italy
- (39) ESAGONO ENERGIA SRL  
Via Puecher 9  
20060 Pozzuolo Martesana (MI)  
Italy
- (40) FERRARI SPA  
Via Emilia Est 1163  
41122 Modena  
Italy
- (41) FORD INDIA PRIVATE LIMITED  
Niehl Plant, building, Imbert 479  
Henry Ford Strasse 1  
50735 Köln  
Germany
- (42) FORD MOTOR COMPANY  
Niehl Plant, building, Imbert 479  
Henry Ford Strasse 1  
50735 Köln  
Germany
- (43) FORD MOTOR COMPANY OF AUSTRALIA LIMITED  
Niehl Plant, building, Imbert 479  
Henry Ford Strasse 1  
50735 Köln  
Germany
- (44) FORD-WERKE GMBH  
Niehl Plant, building, Imbert 479  
Henry Ford Strasse 1  
50735 Köln  
Germany
- (45) FORD Pool (M1)  
Represented in the Union by:  
Ford-Werke Gmbh  
Niehl Plant, building, Imbert 479  
Henry Ford Strasse 1  
50735 Köln  
Germany

- (46) FORD Pool (N1)  
Represented in the Union by:  
Ford-Werke GmbH  
Niehl Plant, building, Imbert 479  
Henry Ford Strasse 1  
50735 Köln  
Germany
- (47) FUSO  
Represented in the Union by:  
Daimler AG, Building 120, Mercedesstrasse 120  
70546  
Stuttgart-Untertuerkheim  
Germany
- (48) GAZ  
Poe 2  
60502 Lähte Tartumaa  
Estonia
- (49) GENERAL MOTORS HOLDINGS LLC  
Bouwhuispad 1  
8121 PX Olst  
The Netherlands
- (50) GONOW AUTO CO LTD  
Via della Muratella, 797  
00054 Maccarese (RM)  
Italy
- (51) GOUPIL INDUSTRIE SA  
Route de Villeneuve  
47320 Bourran  
France
- (52) GREAT WALL MOTOR COMPANY LIMITED  
Great Wall Motor Europe Technical Center  
Otto-Hahn-Str. 5  
63128 Dietzenbach  
Germany
- (53) GUMPERT AIWAYS AUTOMOBILE GMBH  
Carl-Hahn-Straße 5  
85053 Ingolstadt  
Germany
- (54) HONDA MOTOR CO LTD  
Represented in the Union by:  
Honda Motor Europe Ltd  
Wijngaardveld 1 (Noord V)  
9300 Aalst  
Belgium

- (55) HONDA Pool  
Represented in the Union by:  
Honda Motor Europe Ltd  
Wijngaardveld 1 (Noord V)  
9300 Aalst  
Belgium
- (56) HONDA OF THE UK MANUFACTURING LTD  
Represented in the Union by:  
Honda Motor Europe Ltd  
Wijngaardveld 1 (Noord V)  
9300 Aalst  
Belgium
- (57) HYUNDAI ASSAN OTOMOTIV SANAYI VE TICARET AS  
Represented in the Union by:  
Hyundai Motor Europe Technical Centre GmbH  
Hyundai Platz  
65428 Russelsheim  
Germany
- (58) HYUNDAI Pool (M1)  
Represented in the Union by:  
Hyundai Motor Europe Technical Centre GmbH  
Hyundai Platz  
65428 Russelsheim  
Germany
- (59) HYUNDAI Pool (N1)  
Represented in the Union by:  
Hyundai Motor Europe Technical Centre GmbH  
Hyundai Platz  
65428 Russelsheim  
Germany
- (60) HYUNDAI MOTOR COMPANY  
Represented in the Union by:  
Hyundai Motor Europe Technical Centre GmbH  
Hyundai Platz  
65428 Russelsheim  
Germany
- (61) HYUNDAI MOTOR EUROPE GMBH  
Represented in the Union by:  
Hyundai Motor Europe Technical Centre GmbH  
Hyundai Platz  
65428 Russelsheim  
Germany
- (62) HYUNDAI MOTOR MANUFACTURING CZECH SRO  
Represented in the Union by:  
Hyundai Motor Europe Technical Centre GmbH  
Hyundai Platz  
65428 Russelsheim  
Germany

- (63) ISUZU MOTORS LIMITED  
Bist 12  
2630 Aartselaar  
Belgium
- (64) IVECO SPA  
Via Puglia 35  
10156 Torino  
Italy
- (65) JAGUAR LAND ROVER LIMITED  
Represented in the Union by:  
JLR Ireland (Services) Ltd, Software Engineering Centre,  
Three Airport Avenue, Shannon Industrial Estate  
V14 YH92 Shannon (Co. Clare)  
Ireland
- (66) KIA Pool (M1)  
Theodor-Heuss-Allee 11  
60486 Frankfurt/M  
Germany
- (67) KIA Pool (N1)  
Theodor-Heuss-Allee 11  
60486 Frankfurt/M  
Germany
- (68) KIA MOTORS CORPORATION  
Theodor-Heuss-Allee 11  
60486 Frankfurt/M  
Germany
- (69) KIA MOTORS SLOVAKIA SRO  
Theodor-Heuss-Allee 11  
60486 Frankfurt/M  
Germany
- (70) KOENIGSEGG AUTOMOTIVE AB  
Valhall Park  
262 74 Angelholm  
Sweden
- (71) KTM-SPORTMOTORCYCLE AG  
Stallhofnerstrasse 3  
5230 Mattighofen  
Austria
- (72) LADA AUTOMOBILE GMBH  
Erlengrund 7  
21614 Buxtehude  
Germany

- (73) LIGIER GROUP  
Route d'Hauterive 105  
3200 Abrest  
France
- (74) LONDON EV COMPANY  
Represented in the Union by:  
Cina-Euro Vehicle Technology (CEVT), Theres Svenssons Gata 7  
41755 Goteborg  
Sweden
- (75) LOTUS CARS LIMITED  
Represented in the Union by:  
Cina-Euro Vehicle Technology (CEVT), Theres Svenssons Gata 7  
41755 Goteborg  
Sweden
- (76) MAGYAR SUZUKI CORPORATION LTD  
Schweidel Jozsef U52  
2500 Esztergom  
Hungary
- (77) MAHINDRA & MAHINDRA LTD  
Via Cancelliera 35  
00072 Ariccia (Roma)  
Italy
- (78) MAN TRUCK & BUS AG  
Letter box 011/1882  
38436 Wolfsburg  
Germany
- (79) MARUTI SUZUKI INDIA LTD  
Schweidel Jozsef U52  
2500 Esztergom  
Hungary
- (80) MASERATI SPA  
Viale Ciro Menotti 322  
41122 Modena  
Italy
- (81) MAZDA MOTOR CORPORATION  
European R & D Centre  
Hiroshimastr. 1  
61440 Oberursel/Taunus  
Germany
- (82) MCLAREN AUTOMOTIVE LIMITED  
Chertsey Road Woking  
GU21 4YH Surrey  
United Kingdom

- (83) MERCEDES-AMG GMBH  
Represented in the Union by:  
Daimler AG, Building 120, Mercedesstrasse 120  
70546 Stuttgart-Untertuerkheim  
Germany
- (84) MFTBC  
F403, EA/R  
70546 Stuttgart  
Germany
- (85) MG MOTOR UK LIMITED  
Represented in the Union by:  
SAIC Motor Europe B.V.  
Professor W.H. Keesomlaan 12  
1183 Amstelveen  
The Netherlands
- (86) MG SAIC Pool  
Represented in the Union by:  
SAIC MOTOR CORPORATION  
Dyapason Building, rue Robert Stumper 4  
L2557 Luxembourg -Cloche d'Or  
Luxembourg
- (87) MITSUBISHI MOTORS Pool (M1)  
Represented in the Union by:  
Mitsubishi Motors Europe BV  
Mitsubishi Avenue 21  
6121 SH Born  
The Netherlands
- (88) MITSUBISHI MOTORS Pool (N1)  
Represented in the Union by:  
Mitsubishi Motors Europe BV  
Mitsubishi Avenue 21  
6121 SH Born  
The Netherlands
- (89) MITSUBISHI MOTORS CORPORATION MMC  
Represented in the Union by:  
Mitsubishi Motors Europe BV  
Mitsubishi Avenue 21  
6121 SH Born  
The Netherlands
- (90) MITSUBISHI MOTORS THAILAND CO LTD MMTH  
Represented in the Union by:  
Mitsubishi Motors Europe BV  
Mitsubishi Avenue 21  
6121 SH Born  
The Netherlands

- (91) MORGAN TECHNOLOGIES LTD  
Pickersleigh Road Malvern Link  
WR14 2LL Worcestershire  
United Kingdom
- (92) NISSAN INTERNATIONAL SA  
Renault Nissan Representation Office  
Avenue des Arts 40  
1040 Brussels  
Belgium
- (93) OPEL AUTOMOBILE GMBH  
Bahnhofplatz 1 IPC 39-1 3  
65423 Rüsselsheim  
Germany
- (94) PAGANI AUTOMOBILI SPA  
Via dell' Artigianato 5  
41018 San Cesario sul Panaro (Modena)  
Italy
- (95) PIAGGIO & C SPA  
Viale Rinaldo Piaggio, 25  
56025 Pontedera (PI)  
Italy
- (96) GROUPE PSA Pool (N1)  
Route de Gisy  
78943 Velizy-Villacoublay Cedex  
France
- (97) PSA AUTOMOBILES SA  
2-10 boulevard de l'Europe  
78300 Poissy  
France
- (98) PSA OPEL Pool (M1)  
Route de Gisy  
78943 Guyancourt Cedex  
France
- (99) RENAULT Pool (M1)  
1 avenue du Golf  
78288 Guyancourt Cedex  
France
- (100) RENAULT Pool (N1)  
1 avenue du Golf  
78288 Guyancourt Cedex  
France

- (101) RENAULT SAS  
1 avenue du Golf  
78288 Guyancourt Cedex  
France
- (102) RENAULT TRUCKS  
99 Route de Lyon TER L10 0 01  
69806 Saint Priest Cedex  
France
- (103) ROLLS-ROYCE MOTOR CARS LTD  
Petuelring 130  
80788 München  
Germany
- (104) ROMANITAL SRL  
Via delle Industrie, 107  
90040 Isola delle Femmine PA  
Italy
- (105) SAIC MOTOR CORPORATION  
Dyapason Building, rue Robert Stumper 4  
L2557 Luxembourg Luxembourg -Cloche d'Or  
Luxembourg
- (106) SAIC MAXUS AUTOMOTIVE CO LTD  
Dyapason Building, rue Robert Stumper 4  
L2557 Luxembourg Luxembourg -Cloche d'Or  
Luxembourg
- (107) SEAT SA  
Letter box 011/1882  
38436 Wolfsburg  
Germany
- (108) SECMA SAS  
Rue Denfert Rochereau  
59580 Aniche  
France
- (109) SKODA AUTO AS  
Letter box 011/1882  
38436 Wolfsburg  
Germany
- (110) SOCIETE DES AUTOMOBILES ALPINE  
1 Avenue du Golf  
78280 Guyancourt Cedex  
France

- (111) SSANGYONG MOTOR COMPANY  
SsangYong Motor Europe Office c/o Business center  
Otto-Volger-Straße 15  
65843 Sulzbach  
Germany
- (112) STREETSCOOTER GMBH  
Jülicher Straße 191  
52070 Aachen  
Germany
- (113) SUBARU CORPORATION  
Leuvensesteenweg 555 B/8  
1930 Zaventem  
Belgium
- (114) SUZUKI MOTOR CORPORATION  
Schweidel Jozsef U52  
2500 Esztergom  
Hungary
- (115) SUZUKI MOTOR THAILAND CO LTD  
Schweidel Jozsef U52  
2500 Esztergom  
Hungary
- (116) SUZUKI Pool  
Schweidel Jozsef U52  
2500 Esztergom  
Hungary
- (117) TATA JAGUAR LAND ROVER Pool  
Represented in the Union by:  
JLR Ireland (Services) Ltd, Software Engineering Centre,  
Three Airport Avenue, Shannon Industrial Estate  
V14 YH92 Shannon (Co. Clare)  
Ireland
- (118) TECNO MECCANICA IMOLA SPA  
Represented in the Union by:  
Artega GmbH, Artegastraße 1  
33129 Delbrück  
Germany
- (119) TESLA MOTORS LTD  
Represented in the Union by:  
Tesla Motors Netherlands B.V.,  
Burgemeester Stramanweg 122  
1101 EN Amsterdam  
The Netherlands

- (120) TOYOTA MAZDA Pool  
Represented in the Union by:  
Toyota Motor Europe Nv Sa  
Avenue du Bourget 60  
1140 Brussels  
Belgium
- (121) TOYOTA MOTOR EUROPE NV SA  
Avenue du Bourget 60  
1140 Brussels  
Belgium
- (122) UAZ  
Moskovskoye shosse, 92  
432034 Ulyanovsk  
Russia
- (123) VOLKSWAGEN AG  
Letter box 011/1882  
38436 Wolfsburg  
Germany
- (124) VOLKSWAGEN Pool (M1)  
Represented in the Union by:  
VW GROUP PC  
Letter box 011/1882  
38436 Wolfsburg  
Germany
- (125) VOLKSWAGEN Pool (N1)  
Represented in the Union by:  
VOLKSWAGEN GROUP LCV  
Letter box 011/1882  
38436 Wolfsburg  
Germany
- (126) VOLVO CAR CORPORATION  
Regulatory Affairs Environment (Dep 58832)  
PV3A1, PVE Reception, Assar Gabrielssons väg  
40531 Göteborg  
Sweden

Done at Brussels, 1 June 2021.

*For the Commission*  
Frans TIMMERMANS  
*Executive Vice-President*

---

## ANNEX I

Table 1

**Performance in the calendar year 2019 of individual manufacturers of passenger cars in accordance with Article 9 of Regulation (EU) 2019/631**

| A                                    | B                     | C                       | D            | E   | F                         | G                  | H  | I                 | J            |
|--------------------------------------|-----------------------|-------------------------|--------------|---|---------------------------|--------------------|--|-------------------|--------------|
| Manufacturer name                    | Pools and derogations | Number of registrations | Average mass | Average specific emissions of CO <sub>2</sub> | Specific emissions target | Distance to target | CO <sub>2</sub> savings from eco-innovations | Correction factor | Error margin |
| ADAM OPEL GMBH                       | P10                   | 157                     | 1 429,72     | 125,745                                       | 132,278                   | -7,394             | 0  | 1                 | 0,861        |
| ADIDOR VOITURES SAS                  | DMD                   | 80                      | 1 306,56     | 148,813                                       |                           |                    | 0  | 1                 | 0            |
| ALFA ROMEO SPA                       | P3                    | 50 565                  | 1 619,15     | 147,256                                       | 140,935                   | 6,321              | 0,104  | 1                 | 0            |
| ALPINA BURKARD BOVENSIEPEN GMBH E CO | D                     | 693                     | 2 005,00     | 209,937                                       | 216,000                   | -6,063             | 0  | 1                 | 0            |
| ANHUI JIANGHUAI AUTOMOBILE           | DMD                   | 44                      | 1 535,00     | 0,000   |                           |                    | 0  | 1                 | 0            |
| ASTON MARTIN LAGONDA LTD             | D                     | 2 435                   | 1 853,53     | 253,756                                       | 295,000                   | -41,244            | 0  | 1                 | 0            |
| AUDI AG                              | P15                   | 700 930                 | 1 617,16     | 129,147                                       | 140,844                   | -11,697            | 0,005  | 1                 | 0            |
| AUDI HUNGARIA MOTOR                  | P15                   | 5 810                   | 1 441,57     | 154,874                                       | 132,819                   | 22,055             | 0  | 1                 | 0            |
| AUDI SPORT GMBH                      | P15                   | 11 467                  | 1 707,81     | 209,024                                       | 144,986                   | 64,038             | 0,001  | 1                 | 0            |
| AUTOMOBILE DACIA SA                  | P11                   | 376 275                 | 1 174,99     | 123,939                                       | 120,637                   | 3,299              | 0,191  | 1                 | 0,003        |
| AUTOMOBILES CITROEN                  | P10                   | 522 998                 | 1 179,70     | 106,270                                       | 120,852                   | -14,583            | 0,202  | 1                 | 0,001        |
| AUTOMOBILES PEUGEOT                  | P10                   | 866 936                 | 1 276,15     | 107,758                                       | 125,260                   | -17,504            | 0,098  | 0,989             | 0,002        |
| AUTOMOBILI LAMBORGHINI SPA           | D                     | 1 984                   | 1 976,36     | 332,863                                       | 304,000                   | 28,863             | 0  | 1                 | 0            |
| AVTOVAZ JSC                          | P11                   | 3 790                   | 1 310,36     | 193,965                                       | 126,823                   | 67,142             | 0  | 1                 | 0            |
| BAYERISCHE MOTOREN WERKE AG          | P1                    | 985 804                 | 1 612,74     | 123,773                                       | 140,642                   | -16,869            | 1,183  | 1                 | 0            |
| BEIJING BORGWARD AUTOMOTIVE CO LTD   | DMD                   | 7                       | 1 854,00     | 233,000                                       |                           |                    | 0  | 1                 | 0            |

| A   | B                     | C                       | D            | E   | F                         | G                  | H  | I                 | J            |
|---|-----------------------|-------------------------|--------------|---|---------------------------|--------------------|--|-------------------|--------------|
| Manufacturer name                             | Pools and derogations | Number of registrations | Average mass | Average specific emissions of CO <sub>2</sub> | Specific emissions target | Distance to target | CO <sub>2</sub> savings from eco-innovations | Correction factor | Error margin |
| BENTLEYMOTORSLTD                              | D                     | 2 976                   | 2 439,99     | 269,276                                       | 264,000                   | 5,276              | 0  | 1                 | 0            |
| BLUECAR SAS                                   | DMD                   | 166                     | 1 515,20     | 0,000   |                           |                    | 0  | 1                 | 0            |
| BMW M GMBH                                    | P1                    | 16 906                  | 1 792,57     | 222,790                                       | 148,860                   | 73,930             | 0,020  | 1                 | 0            |
| BUGATTI<br>AUTOMOBILES SAS                    | P15                   | 22                      | 2 070,00     | 516,000                                       | 161,538                   | 354,462            | 0  | 1                 | 0            |
| BYD AUTO INDUSTRY<br>COMPANY LIMITED          | DMD                   | 10                      | 2 465,00     | 0,000   |                           |                    | 0  | 1                 | 0            |
| CATERHAM CARS<br>LIMITED                      | DMD                   | 140                     | 675,36       | 173,671                                       |                           |                    | 0  | 1                 | 0            |
| CNG-TECHNIK GMBH                              | P4                    | 1 464                   | 1 707,50     | 103,509                                       | 144,972                   | -41,464            | 0  | 1                 | 0,001        |
| DAIMLER AG                                    | P2                    | 979 292                 | 1 589,41     | 136,087                                       | 139,576                   | -3,491             | 0,651  | 1                 | 0,002        |
| DFSK MOTOR CO LTD                             | DMD                   | 213                     | 1 579,69     | 204,915                                       |                           |                    | 0  | 1                 | 0            |
| DONKERVOORT<br>AUTOMOBIELEN BV                | DMD                   | 33                      | 865,33       | 178,000                                       |                           |                    | 0  | 1                 | 0            |
| DR AUTOMOBILES SRL                            | D                     | 2 056                   | 1 400,96     | 152,654                                       | 155,000                   | -2,346             | 0,000  | 1                 | 0            |
| DR ING HCF PORSCHE<br>AG                      | P15                   | 72 980                  | 1 908,92     | 185,561                                       | 154,177                   | 31,381             | 1,03   | 1                 | 0,003        |
| DR MOTOR COMPANY<br>SRL                       | D                     | 1 805                   | 1 170,35     | 147,143                                       | 150,000                   | -2,857             | 0  | 1                 | 0            |
| E-GO MOBILE AG                                | DMD                   | 143                     | 1 231,00     | 0,000   |                           |                    | 0  | 1                 | 0            |
| FABBRICA DALLARA<br>SRL                       | DMD                   | 25                      | 1 013,20     | 217,960                                       |                           |                    | 0  | 1                 | 0            |
| FCA ITALY SPA                                 | P3                    | 667 266                 | 1 186,83     | 123,324                                       | 121,178                   | 2,146              | 0,437  | 1                 | 0            |
| FCA US LLC                                    | P3                    | 161 863                 | 1 606,13     | 149,124                                       | 140,340                   | 8,784              | 0,555  | 1                 | 0            |
| FERRARI SPA                                   | D                     | 3 380                   | 1 709,04     | 279,654                                       | 286,000                   | -6,346             | 0  | 1                 | 0            |
| FORD INDIA PRIVATE<br>LTD                     | P4                    | 40 036                  | 1 146,15     | 118,725                                       | 119,319                   | -0,594             | 0  | 1                 | 0            |
| FORD MOTOR<br>COMPANY                         | P4                    | 15 091                  | 1 961,75     | 221,690                                       | 156,591                   | 65,078             | 0  | 1                 | 0,021        |
| FORD MOTOR<br>COMPANY OF<br>AUSTRALIA LIMITED | P4                    | 10                      | 1 669,30     | 141,780                                       | 143,226                   | -1,850             | 0,120  | 1                 | 0,404        |
| FORD-WERKE GMBH                               | P4                    | 922 360                 | 1 465,58     | 129,851                                       | 133,916                   | -4,069             | 0,184  | 1                 | 0,004        |
| GENERAL MOTORS<br>HOLDINGS LLC                | D                     | 2 634                   | 1 803,16     | 252,016                                       | 265,000                   | -12,984            | 0,000  | 1                 | 0            |

| A   | B                     | C                       | D            | E   | F                         | G                  | H  | I                 | J            |
|---|-----------------------|-------------------------|--------------|---|---------------------------|--------------------|--|-------------------|--------------|
| Manufacturer name                           | Pools and derogations | Number of registrations | Average mass | Average specific emissions of CO <sub>2</sub> | Specific emissions target | Distance to target | CO <sub>2</sub> savings from eco-innovations | Correction factor | Error margin |
| GREAT WALL MOTOR COMPANY LIMITED            | DMD                   | 117                     | 1 615,34     | 172,197                                       |                           |                    | 0  | 1                 | 0            |
| GUMPERT SPORTWAGEN MANUFAKTUR GMBH          | DMD                   | 1                       | 1 825,00     | 0,000   |                           |                    | 0  | 1                 | 0            |
| HONDA MOTOR CO LTD                          | P5                    | 116 781                 | 1 397,63     | 124,926                                       | 130,811                   | -5,887             | 0,284  | 1                 | 0,002        |
| HONDA OF THE UK MANUFACTURING LTD           | P5                    | 199                     | 1 639,23     | 139,136                                       | 141,852                   | -2,716             | 0  | 1                 | 0            |
| HYUNDAI ASSAN OTOMOTIV SANAYI VE TICARET AS | P6                    | 152 644                 | 1 065,20     | 122,259                                       | 115,619                   | 6,637              | 0,002  | 1                 | 0,003        |
| HYUNDAI MOTOR COMPANY                       | P6                    | 174 736                 | 1 454,79     | 100,245                                       | 133,423                   | -33,186            | 0,084  | 1                 | 0,008        |
| HYUNDAI MOTOR EUROPE GMBH                   | P6                    | 4 276                   | 1 441,68     | 131,866                                       | 132,824                   | -0,958             | 0,130  | 1                 | 0            |
| HYUNDAI MOTOR MANUFACTURING CZECH           | P6                    | 220 684                 | 1 478,97     | 144,380                                       | 134,528                   | 9,850              | 0,081  | 1                 | 0,002        |
| ISUZU MOTORS LTD                            | DMD                   | 1                       | 1 980,00     | 183,000                                       |                           |                    | 0  | 1                 | 0            |
| JAGUAR LAND ROVER LIMITED                   | P13/ND                | 214 955                 | 2 037,92     | 157,608                                       | 178,025                   | -20,417            | 0,124  | 1                 | 0            |
| KIA MOTORS CORPORATION                      | P7                    | 324 405                 | 1 304,13     | 114,743                                       | 126,538                   | -11,796            | 0,003  | 1                 | 0,001        |
| KIA MOTORS SLOVAKIA                         | P7                    | 173 159                 | 1 442,39     | 138,016                                       | 132,857                   | 5,158              | 0,070  | 1                 | 0,001        |
| KOENIGSEGG AUTOMOTIVE AB                    | DMD                   | 1                       | 1 750,00     | 464,000                                       |                           |                    | 0  | 1                 | 0            |
| KTM SPORT MOTORCYCLE AG                     | DMD                   | 1                       | 875,00       | 202,000                                       |                           |                    | 0  | 1                 | 0            |
| LADA AUTOMOBILE GMBH                        | DMD                   | 849                     | 1 269,59     | 221,876                                       |                           |                    | 0  | 1                 | 0            |
| LONDON EV COMPANY                           | DMD                   | 23                      | 2 305,00     | 0,000   |                           |                    | 0  | 1                 | 0            |
| LOTUS CARS LIMITED                          | D                     | 717                     | 1 139,76     | 206,134                                       | 225,000                   | -18,866            | 0  | 1                 | 0            |

| A                                      | B                     | C                       | D            | E   | F                         | G                  | H  | I                 | J            |
|--|-----------------------|-------------------------|--------------|---|---------------------------|--------------------|--|-------------------|--------------|
| Manufacturer name                      | Pools and derogations | Number of registrations | Average mass | Average specific emissions of CO <sub>2</sub> | Specific emissions target | Distance to target | CO <sub>2</sub> savings from eco-innovations | Correction factor | Error margin |
| MAGYAR SUZUKI CORPORATION LTD          | P12/ND                | 104 813                 | 1 229,06     | 131,875                                       | 123,114                   | 8,761              | 0  | 1                 | 0            |
| MAHINDRA & MAHINDRA LTD                | D                     | 1 083                   | 1 293,97     | 141,099                                       | 165,000                   | -23,901            | 0  | 1                 | 0            |
| MARUTI SUZUKI INDIA LTD                | P12/ND                | 9 692                   | 965,43       | 106,144                                       | 123,114                   | -16,970            | 0  | 1                 | 0            |
| MASERATI SPA                           | D                     | 5 127                   | 2 129,93     | 239,733                                       | 237,000                   | 2,733              | 0  | 1                 | 0            |
| MAZDA MOTOR CORPORATION                | P14                   | 247 405                 | 1 373,75     | 134,727                                       | 129,720                   | 5,007              | 0,507  | 1                 | 0            |
| MCLAREN AUTOMOTIVE LIMITED             | D                     | 1 061                   | 1 513,62     | 257,573                                       | 260,000                   | -2,427             | 0  | 1                 | 0            |
| MERCEDES-AMG GMBH                      | P2                    | 5 871                   | 1 957,64     | 247,183                                       | 156,404                   | 90,779             | 0  | 1                 | 0            |
| MG MOTOR UK LIMITED                    | P8/ND                 | 13 038                  | 1 330,02     | 134,160                                       | 140,101                   | -5,941             | 0  | 1                 | 0            |
| MINI MOTORS CORPORATION MMC            | P9                    | 102 154                 | 1 632,85     | 118,943                                       | 141,561                   | -22,618            | 0,071  | 1                 | 0            |
| MITSUBISHI MOTORS THAILAND CO LTD MMTH | P9                    | 37 284                  | 946,60       | 106,497                                       | 110,199                   | -3,702             | 0  | 1                 | 0            |
| MORGAN TECHNOLOGIES LTD                | DMD                   | 372                     | 1 071,13     | 202,067                                       |                           |                    | 0  | 1                 | 0            |
| NISSAN INTERNATIONAL SA                |                       | 391 479                 | 1 390,41     | 114,270                                       | 130,481                   | -16,213            | 0,068  | 1                 | 0,002        |
| OPEL AUTOMOBILE GMBH                   | P10                   | 790 982                 | 1 296,67     | 126,017                                       | 126,197                   | -0,182             | 0,123  | 1                 | 0,002        |
| PAGANI AUTOMOBILI SPA                  | DMD                   | 10                      | 1 491,00     | 343,000                                       |                           |                    | 0  | 1                 | 0            |
| PIAGGIO & C SPA                        | DMD                   | 1                       | 1 010,00     | 150,000                                       |                           |                    | 0  | 1                 | 0            |
| PSA AUTOMOBILES SA                     | P10                   | 326 474                 | 1 460,47     | 114,078                                       | 133,683                   | -19,605            | 0,193  | 1                 | 0            |
| RENAULT SAS                            | P11                   | 1 269 109               | 1 336,75     | 116,048                                       | 128,029                   | -11,983            | 0,160  | 1                 | 0,002        |
| RENAULT TRUCKS                         | DMD                   | 91                      | 2 523,97     | 191,385                                       |                           |                    | 0  | 1                 | 0            |
| ROLLS-ROYCE MOTOR CARS LTD             | P1                    | 694                     | 2 640,71     | 345,931                                       | 187,620                   | 158,311            | 0  | 1                 | 0            |

| A                              | B                     | C                       | D            | E   | F                         | G                  | H  | I                 | J            |
|--------------------------------|-----------------------|-------------------------|--------------|---|---------------------------|--------------------|--|-------------------|--------------|
| Manufacturer name              | Pools and derogations | Number of registrations | Average mass | Average specific emissions of CO <sub>2</sub> | Specific emissions target | Distance to target | CO <sub>2</sub> savings from eco-innovations | Correction factor | Error margin |
| SAIC MOTOR CORPORATION LTD     | P8/ND                 | 1 064                   | 1 606,23     | 0,000   | 140,101                   | -140,101           | 0  | 1                 | 0            |
| SEAT SA                        | P15                   | 491 073                 | 1 318,68     | 119,525                                       | 127,203                   | -7,680             | 0,006  | 1                 | 0,002        |
| SECMA SAS                      | DMD                   | 88                      | 666,18       | 131,727                                       |                           |                    | 0  | 1                 | 0            |
| SKODA AUTO AS                  | P15                   | 726 643                 | 1 357,31     | 119,019                                       | 128,969                   | -9,951             | 0,196  | 1                 | 0,001        |
| SOCIETE DES AUTOMOBILES ALPINE | P11                   | 3 919                   | 1 170,18     | 144,043                                       | 120,417                   | 23,626             | 0  | 1                 | 0            |
| SSANGYONG MOTOR COMPANY        | ND                    | 12 765                  | 1 619,46     | 171,517                                       | 167,573                   | 3,944              | 0  | 1                 | 0            |
| SUBARU CORPORATION             | ND                    | 27 450                  | 1 598,21     | 162,300                                       | 164,616                   | -2,316             | 0,172  | 1                 | 0            |
| SUZUKI MOTOR CORPORATION       | P12/ND                | 128 106                 | 993,52       | 115,085                                       | 123,114                   | -8,029             | 0,146  | 1                 | 0            |
| SUZUKI MOTOR THAILAND CO LTD   | P12/ND                | 11 405                  | 892,85       | 91,915  | 123,114                   | -31,199            | 0  | 1                 | 0            |
| TECNO MECCANICA IMOLA SPA      | DMD                   | 4                       | 712,00       | 0,000   |                           |                    | 0  | 1                 | 0            |
| TESLA INC                      | P3                    | 104 354                 | 1 950,74     | 0,000   | 156,088                   | -156,088           | 0  | 1                 | 0            |
| TOYOTA MOTOR EUROPE NV SA      | P14                   | 788 030                 | 1 352,78     | 99,595  | 128,762                   | -29,170            | 0,138  | 1                 | 0,003        |
| VOLKSWAGEN AG                  | P15                   | 1 713 273               | 1 435,42     | 121,797                                       | 132,538                   | -10,742            | 0,006  | 1                 | 0,001        |
| VOLVO CAR CORPORATION          |                       | 326 205                 | 1 779,44     | 131,927                                       | 148,260                   | -16,335            | 0  | 1                 | 0,002        |

Table 2

**Performance in the calendar year 2019 of pools of manufacturers of passenger cars in accordance with Article 9 of Regulation (EU) 2019/631**

| A                                | B                     | C                       | D            | E   | F                         | G                  | H  | I                 | J            |
|----------------------------------|-----------------------|-------------------------|--------------|---|---------------------------|--------------------|--|-------------------|--------------|
| Pool name                        | Pools and derogations | Number of registrations | Average mass | Average specific emissions of CO <sub>2</sub> | Specific emissions target | Distance to target | CO <sub>2</sub> savings from eco-innovations | Correction factor | Error margin |
| BMW GROUP                        | P1                    | 1 003 404               | 1 616,48     | 125,595                                       | 140,813                   | -15,218            | 1,163  | 1                 | 0            |
| DAIMLER AG                       | P2                    | 985 163                 | 1 591,60     | 136,749                                       | 139,676                   | -2,929             | 0,647  | 1                 | 0,002        |
| FCA-TESLA                        | P3                    | 984 048                 | 1 359,02     | 115,719                                       | 129,047                   | -13,328            | 0,393  | 1                 | 0            |
| FORD-WERKE GMBH                  | P4                    | 978 961                 | 1 460,53     | 130,773                                       | 133,686                   | -2,915             | 0,172  | 1                 | 0,002        |
| HONDA MOTOR EUROPE LTD           | P5                    | 116 980                 | 1 398,05     | 124,950                                       | 130,830                   | -5,881             | 0,283  | 1                 | 0,001        |
| HYUNDAI                          | P6                    | 552 340                 | 1 356,68     | 124,208                                       | 128,940                   | -4,737             | 0,060  | 1                 | 0,005        |
| KIA                              | P7                    | 497 564                 | 1 352,24     | 122,842                                       | 128,737                   | -5,896             | 0,027  | 1                 | 0,001        |
| MG-SAIC                          | P8/ND                 | 14 102                  | 1 350,86     | 124,037                                       | 140,101                   | -16,064            | 0,000  | 1                 | 0            |
| MITSUBISHI MOTORS                | P9                    | 139 438                 | 1 449,35     | 115,615                                       | 133,175                   | -17,560            | 0,052  | 1                 | 0            |
| PSA-OPEL                         | P10                   | 2 507 547               | 1 286,51     | 113,874                                       | 125,733                   | -11,860            | 0,140  | 0,995             | 0,001        |
| RENAULT                          | P11                   | 1 653 093               | 1 299,47     | 118,089                                       | 126,325                   | -8,239             | 0,167  | 1                 | 0,003        |
| SUZUKI POOL                      | P12/ND                | 254 016                 | 1 085,12     | 120,632                                       | 123,114                   | -2,482             | 0,073  | 1                 | 0            |
| TATA MOTORS<br>JAGUAR LAND ROVER | P13/ND                | 214 955                 | 2 037,92     | 157,608                                       | 178,025                   | -20,417            | 0,124  | 1                 | 0            |
| TOYOTA-MAZDA                     | P14                   | 1 035 435               | 1 357,79     | 107,990                                       | 128,990                   | -21,001            | 0,226  | 1                 | 0,001        |
| VW GROUP PC                      | P15                   | 3 722 198               | 1 449,13     | 123,912                                       | 133,165                   | -9,253             | 0,063  | 1                 | 0            |

Explanatory notes to Tables 1 and 2:

**Column A:**

Table 1: 'Manufacturer name' means the name of the manufacturer as notified to the Commission by the manufacturer concerned or, where no such notification has taken place, the name reported by the Member State.

Table 2: 'Pool name' means the name of the pool as declared by the pool manager.

**Column B:**

'D' means that a derogation has been granted in accordance with Article 10(3) of Regulation (EU) 2019/631 for the calendar year 2019 (small volume manufacturer);

'ND' means that a derogation has been granted in accordance with Article 10(4) of Regulation (EU) 2019/631 for the calendar year 2019 (niche manufacturer);

'DMD' means that a *de minimis* exemption applies in accordance with Article 2(4) of Regulation (EU) 2019/631, so that the manufacturer does not have to meet a specific emissions target in 2019;

'P' means that the manufacturer is a member of a pool (whose number is listed in column B of Table 2) formed pursuant to Article 6 of Regulation (EU) 2019/631 and the pooling agreement is valid for the calendar year 2019.

**Column C:**

'Number of registrations' means the total number of new passenger cars registered in the European Union, Iceland, Norway and the United Kingdom in the calendar year 2019 for which the manufacturer (Table 1) or the members of the pool (Table 2) are responsible.

**Column D:**

'Average mass' (kg) means the average of the mass in running order of all new passenger cars registered in the European Union, Iceland, Norway and the United Kingdom in the calendar year 2019 for which the manufacturer (Table 1) or the members of the pool (Table 2) are responsible.

**Column E:**

'Average specific emissions of CO<sub>2</sub>' (g CO<sub>2</sub>/km) means the average specific emissions of CO<sub>2</sub> of all new passenger cars registered in the European Union, Iceland, Norway and the United Kingdom in the calendar year 2019 for which the manufacturer (Table 1) or the members of the pool (Table 2) are responsible. In calculating the average specific emissions of CO<sub>2</sub> account has been taken of the following, where applicable:

- CO<sub>2</sub> emission savings resulting from the use of innovative technologies referred to in Article 11 of Regulation (EU) 2019/631 (Column H);
- the correction factor referred to in Article 7(2) of Implementing Regulation (EU) 2017/1153 (Column I).

**Column F:**

'Specific emissions target' (g CO<sub>2</sub>/km) means the specific emissions target of the manufacturer (Table 1) or the pool (Table 2) calculated in accordance with Annex I to Regulation (EC) No 443/2009 and with M<sub>0</sub> being 1 379,88 or the derogation target granted pursuant to Article 10 of Regulation (EU) 2019/631. Where the manufacturer benefits from an exemption pursuant to Article 2(4) of Regulation (EU) 2019/631, no specific emissions target is specified.

**Column G:**

'Distance to target' (g CO<sub>2</sub>/km) means the difference between the average specific emissions of CO<sub>2</sub> specified in column E and the specific emissions target specified in column F, from which the error margin specified in column J is subtracted.

Where the value in column G is greater than zero, this means that the specific emissions target has been exceeded.

For a manufacturer, which is member of a pool, compliance with the specific emissions target is assessed at the level of the pool.

**Column H:**

'CO<sub>2</sub> savings from eco-innovations' (g CO<sub>2</sub>/km) means the emission savings taken into account for the calculation of the average specific emissions of CO<sub>2</sub> listed in column E, resulting from the use of innovative technologies that make a verified contribution to CO<sub>2</sub> reductions and that have been approved by the Commission in accordance with Article 11 of Regulation (EU) 2019/631.

**Column I:**

'Correction factor' means the correction factor calculated in accordance with Article 7(2) of Implementing Regulation (EU) 2017/1153, which was used in calculating the average specific emissions of CO<sub>2</sub> of the manufacturer (Table 1) or the pool (Table 2).

**Column J:**

'Error margin' (g CO<sub>2</sub>/km) means the value by which the difference between the average specific emissions of CO<sub>2</sub> (column E) and the specific emissions target (column F) has been adjusted when calculating the distance to target (column G), in order to take into account records notified to the Commission by the manufacturer (Table 1) or the pool (Table 2) with the error code B as set out in Article 9(3) of Commission Regulation (EU) No 1014/2010.

This error margin is calculated in accordance with the following formula:

Error margin = absolute value of [(AC1 – TG1) – (AC2 – TG2)]

AC1 = average specific emissions of CO<sub>2</sub> including the records with error code B (as specified in column E);

TG1 = specific emissions target including the records with error code B (as specified in column F);

AC2 = average specific emissions of CO<sub>2</sub> excluding the records with error code B;

TG2 = specific emissions target excluding the records with error code B.

---

## ANNEX II

Table 1

**Performance in the calendar year 2019 of individual manufacturers of light commercial vehicles in accordance with Article 9 of Regulation (EU) 2019/631**

| A                                       | B                     | C                       | D            | E   | F                         | G                  | H  | I                 | J            |
|---|-----------------------|-------------------------|--------------|---|---------------------------|--------------------|--|-------------------|--------------|
| Manufacturer name                       | Pools and derogations | Number of registrations | Average mass | Average specific emissions of CO <sub>2</sub> | Specific emissions target | Distance to target | CO <sub>2</sub> savings from eco-innovations | Correction factor | Error margin |
| ALKE SRL                                | DMD                   | 79                      | 1 126,25     | 0,000   |                           |                    | 0  | 1                 | 0            |
| AUDI AG                                 | P9                    | 58                      | 1 789,91     | 141,121                                       | 177,186                   | -36,065            | 0  | 1                 | 0            |
| AUTOMOBILES CITROEN                     | P4                    | 86 840                  | 1 837,92     | 146,890                                       | 181,651                   | -34,766            | 0  | 1                 | 0,005        |
| AUTOMOBILES PEUGEOT                     | P4                    | 127 067                 | 1 835,38     | 144,299                                       | 181,415                   | -37,117            | 0  | 0,989             | 0,001        |
| AVTOVAZ JSC                             | P8                    | 485                     | 1 266,48     | 225,196                                       | 128,507                   | 96,689             | 0  | 1                 | 0            |
| BLUECAR SAS                             | DMD                   | 1                       | 1 325,00     | 0,000   |                           |                    | 0  | 1                 | 0            |
| BAYERISCHE MOTOREN WERKE AG             | DMD                   | 126                     | 1 856,60     | 152,563                                       |                           |                    | 0  | 1                 | 0            |
| BMW M GMBH                              | DMD                   | 25                      | 2 152,00     | 185,800                                       |                           |                    | 0  | 1                 | 0            |
| FCA US LLC                              | P2                    | 14                      | 1 813,00     | 184,214                                       | 179,334                   | 4,880              | 0  | 1                 | 0            |
| AUTOMOBILE DACIA SA                     | P8                    | 30 094                  | 1 280,25     | 123,333                                       | 129,788                   | -6,457             | 0,014  | 1                 | 0,002        |
| DAIMLER AG                              | P1                    | 161 818                 | 2 178,12     | 189,555                                       | 213,290                   | -23,735            | 0  | 1                 | 0            |
| DFSK MOTOR CO LTD                       | DMD                   | 609                     | 1 275,99     | 186,250                                       |                           |                    | 0  | 1                 | 0            |
| ESAGONO ENERGIA SRL                     | DMD                   | 10                      | 1 251,00     | 0,000   |                           |                    | 0  | 1                 | 0            |
| FCA ITALY SPA                           | P2                    | 144 440                 | 1 704,35     | 156,733                                       | 169,229                   | -12,496            | 0,071  | 1                 | 0            |
| FORD MOTOR COMPANY OF AUSTRALIA LIMITED | P3                    | 44 568                  | 2 318,03     | 215,475                                       | 226,302                   | -10,828            | 0  | 1                 | 0,001        |
| FORD MOTOR COMPANY                      | P3                    | 273                     | 2 238,98     | 207,729                                       | 218,950                   | -11,221            | 0  | 1                 | 0            |
| FORD-WERKE GMBH                         | P3                    | 249 687                 | 1 992,16     | 161,856                                       | 195,996                   | -34,141            | 0  | 1                 | 0,001        |
| MITSUBISHI FUSO TRUCK & BUS CORPORATION | P1                    | 561                     | 2 177,34     | 179,891                                       | 213,217                   | -33,326            | 0  | 1                 | 0            |
| LLC AUTOMOBILE PLANT GAZ                | DMD                   | 1                       | 2 326,00     | 295,000                                       |                           |                    | 0  | 1                 | 0            |

| A                                 | B                     | C                       | D            | E   | F                         | G                  | H  | I                 | J            |
|-----------------------------------|-----------------------|-------------------------|--------------|---|---------------------------|--------------------|--|-------------------|--------------|
| Manufacturer name                 | Pools and derogations | Number of registrations | Average mass | Average specific emissions of CO <sub>2</sub> | Specific emissions target | Distance to target | CO <sub>2</sub> savings from eco-innovations | Correction factor | Error margin |
| GENERAL MOTORS HOLDINGS LLC       | DMD                   | 1                       | 2 458,00     | 347,000                                       | 239,319                   | 107,681            | 0  | 1                 | 0            |
| GONOWAUTO COLTD                   | DMD                   | 2                       | 1 017,50     | 146,000                                       |                           |                    | 0  | 1                 | 0            |
| GOUPIL INDUSTRIE SA               | DMD                   | 825                     | 1 045,14     | 0,000   |                           |                    | 0  | 1                 | 0            |
| GREAT WALL MOTOR COMPANY LIMITED  | DMD                   | 450                     | 1 953,45     | 236,613                                       |                           |                    | 0  | 1                 | 0            |
| HONDA MOTOR CO LTD                | DMD                   | 5                       | 1 367,20     | 121,000                                       |                           |                    | 0  | 1                 | 0            |
| HYUNDAI MOTOR CO                  | P5                    | 1 494                   | 2 150,45     | 200,862                                       | 210,717                   | -9,855             | 0  | 1                 | 0            |
| HYUNDAI ASSAN OTOMOTIV SANAYI VE  | P5                    | 116                     | 1 043,24     | 119,655                                       | 107,746                   | 11,909             | 0  | 1                 | 0            |
| HYUNDAI MOTOR MANUFACTURING CZECH | P5                    | 26                      | 1 484,55     | 113,654                                       | 148,788                   | -35,134            | 0  | 1                 | 0            |
| ISUZU MOTORS LIMITED              |                       | 13 799                  | 2 089,91     | 198,709                                       | 205,086                   | -6,377             | 0  | 1                 | 0            |
| IVECO SPA                         |                       | 19 424                  | 2 475,23     | 204,585                                       | 240,921                   | -36,357            | 0  | 1                 | 0,021        |
| JAGUAR LAND ROVER LIMITED         |                       | 1 868                   | 2 404,69     | 200,841                                       | 234,361                   | -33,520            | 0  | 1                 | 0            |
| KIA MOTORS CORPORATION            | P6                    | 946                     | 1 488,49     | 121,285                                       | 149,154                   | -27,869            | 0  | 1                 | 0            |
| KIA MOTORS SLOVAKIA SRO           | P6                    | 47                      | 1 539,28     | 116,532                                       | 153,878                   | -37,346            | 0  | 1                 | 0            |
| LIGIER GROUP                      | DMD                   | 23                      | 709,91       | 0,000   |                           |                    | 0  | 1                 | 0            |
| MAHINDRA & MAHINDRA LTD           | DMD                   | 67                      | 2 193,28     | 229,179                                       |                           |                    | 0  | 1                 | 0            |
| MAN TRUCK & BUS AG                | P9                    | 8 940                   | 2 187,02     | 203,763                                       | 214,118                   | -10,355            | 0  | 1                 | 0            |
| MAZDA MOTOR CORPORATION           | DMD                   | 68                      | 1 516,29     | 138,044                                       |                           |                    | 0  | 1                 | 0            |
| MFTBC                             | P1                    | 93                      | 2 548,69     | 230,957                                       | 247,753                   | -16,796            | 0  | 1                 | 0            |
| MITSUBISHI MOTORS CORPORATION MMC | P7                    | 94                      | 1 820,91     | 149,606                                       | 180,069                   | -30,463            | 0  | 1                 | 0            |

| A                                      | B                     | C                       | D            | E   | F                         | G                  | H  | I                 | J            |
|--|-----------------------|-------------------------|--------------|---|---------------------------|--------------------|--|-------------------|--------------|
| Manufacturer name                      | Pools and derogations | Number of registrations | Average mass | Average specific emissions of CO <sub>2</sub> | Specific emissions target | Distance to target | CO <sub>2</sub> savings from eco-innovations | Correction factor | Error margin |
| mitsubishi motors thailand co ltd mmth | P7                    | 8 350                   | 1 997,93     | 190,006                                       | 196,532                   | -6,526             | 0,351  | 1                 | 0            |
| NISSAN INTERNATIONAL SA                |                       | 45 711                  | 1 929,57     | 153,616                                       | 190,175                   | -36,563            | 0,007  | 1                 | 0,004        |
| ADAM OPEL GMBH                         |                       | 1 056                   | 1 478,36     | 138,215                                       | 148,212                   | -10,173            | 0  | 1                 | 0,176        |
| OPEL AUTOMOBILE GMBH                   | P4                    | 75 029                  | 1 770,28     | 148,538                                       | 175,361                   | -26,826            | 0  | 1                 | 0,003        |
| PIAGGIO & C SPA                        | D                     | 3801                    | 1 116,57     | 149,661                                       | 153,000                   | -3,339             | 0  | 1,009             | 0            |
| DR ING HCF PORSCHE AG                  | P9                    | 1                       | 1 845,00     | 167,000                                       | 182,31                    | -15,310            | 0  | 1                 | 0            |
| PSA AUTOMOBILES SA                     | P4                    | 141 824                 | 1 422,07     | 112,468                                       | 142,977                   | -30,510            | 0,001  | 1                 | 0,001        |
| RENAULT SAS                            | P8                    | 238 613                 | 1 726,86     | 146,292                                       | 171,323                   | -25,031            | 0,039  | 1                 | 0            |
| RENAULT TRUCKS                         |                       | 8 671                   | 2 335,29     | 208,500                                       | 227,907                   | -19,407            | 0,040  | 1                 | 0            |
| ROMANITAL SRL                          | DMD                   | 71                      | 1 278,07     | 155,000                                       |                           |                    | 0  | 1                 | 0            |
| SAIC MAXUS AUTOMOTIVE CO LTD           | DMD                   | 517                     | 2 370,64     | 152,673                                       |                           |                    | 0  | 1                 | 0            |
| SEAT SA                                | P9                    | 153                     | 1 212,85     | 110,784                                       | 123,520                   | -12,736            | 0  | 1                 | 0            |
| SKODA AUTO AS                          | P9                    | 121                     | 1 249,50     | 108,959                                       | 126,928                   | -17,969            | 0  | 1                 | 0            |
| SSANGYONG MOTOR COMPANY                |                       | 1 169                   | 2 161,31     | 217,170                                       | 211,727                   | 5,443              | 0  | 1                 | 0            |
| STREETSCOOTER GMBH                     |                       | 1 987                   | 1 667,23     | 0,000   | 165,777                   | -165,777           | 0  | 1                 | 0            |
| SUBARU CORPORATION                     | DMD                   | 16                      | 1 608,94     | 163,875                                       |                           |                    | 0  | 1                 | 0            |
| TOYOTA MOTOR EUROPE NV SA              |                       | 41 250                  | 1 976,92     | 165,288                                       | 194,578                   | -29,297            | 0  | 1                 | 0,007        |
| UAZ                                    | DMD                   | 3                       | 2 071,67     | 233,000                                       |                           |                    | 0  | 1                 | 0            |
| VOLKSWAGEN AG                          | P9                    | 200 501                 | 1 952,13     | 171,208                                       | 192,273                   | -21,208            | 0  | 1                 | 0,143        |
| VOLVO CAR CORPORATION                  | DMD                   | 878                     | 1 715,45     | 129,105                                       |                           |                    | 0  | 1                 | 0            |

Table 2

**Performance in the calendar year 2019 of pools of manufacturers of light commercial vehicles in accordance with Article 9 of Regulation (EU) 2019/631**

| A                    | B                     | C                       | D            | E   | F                         | G                  | H  | I                 | J            |
|----------------------|-----------------------|-------------------------|--------------|---|---------------------------|--------------------|--|-------------------|--------------|
| Pool name            | Pools and derogations | Number of registrations | Average mass | Average specific emissions of CO <sub>2</sub> | Specific emissions target | Distance to target | CO <sub>2</sub> savings from eco-innovations | Correction factor | Error margin |
| DAIMLER              | P1                    | 162 472                 | 2 178,33     | 189,545                                       | 213,309                   | -23,764            | 0  | 1,000             | 0            |
| FCA ITALY SPA        | P2                    | 144 454                 | 1 704,36     | 156,736                                       | 169,230                   | -12,494            | 0,071  | 1,000             | 0            |
| FORD-WERKE GMBH      | P3                    | 294 528                 | 2 041,70     | 170,012                                       | 200,603                   | -30,591            | 0  | 1,000             | 0            |
| GROUPE PSA           | P4                    | 430 760                 | 1 688,48     | 135,689                                       | 167,753                   | -32,064            | 0  | 1,001             | 0            |
| HYUNDAI              | P5                    | 1 636                   | 2 061,36     | 193,718                                       | 202,431                   | -8,713             | 0  | 1,000             | 0            |
| KIA                  | P6                    | 993                     | 1 490,89     | 121,060                                       | 149,378                   | -28,318            | 0  | 1,000             | 0            |
| MINI                 | P7                    | 8 444                   | 1 995,96     | 189,556                                       | 196,349                   | -6,793             | 0,347  | 1,000             | 0            |
| RENAULT              | P8                    | 269 192                 | 1 676,10     | 143,867                                       | 166,602                   | -22,736            | 0,037  | 1,000             | 0,001        |
| VOLKSWAGEN GROUP LCV | P9                    | 209 774                 | 1 961,15     | 172,507                                       | 193,112                   | -20,736            | 0  | 1,000             | 0,131        |

Explanatory notes to Tables 1 and 2:

**Column A:**

Table 1: 'Manufacturer name' means the name of the manufacturer as notified to the Commission by the manufacturer concerned or, where no such notification has taken place, the name reported by the Member State.

Table 2: 'Pool name' means the name of the pool as declared by the pool manager.

**Column B:**

'D' means that a derogation has been granted in accordance with Article 10(3) of Regulation (EU) 2019/631 for the calendar year 2019 (small volume manufacturer);

'DMD' means that a *de minimis* exemption applies in accordance with Article 2(4) of Regulation (EU) 2019/631, so that the manufacturer does not have to meet a specific emissions target in 2019;

'P' means that the manufacturer is a member of a pool (whose number is listed in column B of Table 2) formed pursuant to Article 6 of Regulation (EU) 2019/631 and the pooling agreement is valid for the calendar year 2019.

**Column C:**

'Number of registrations' means the total number of new light commercial vehicles registered in the European Union, Iceland, Norway and the United Kingdom in the calendar year 2019 for which the manufacturer (Table 1) or the members of the pool (Table 2) are responsible.

**Column D:**

'Average mass' (kg) means the average of the mass in running order of all new light commercial vehicles registered in the European Union, Iceland, Norway and the United Kingdom in the calendar year 2019 for which the manufacturer (Table 1) or the members of the pool (Table 2) are responsible.

**Column E:**

'Average specific emissions of CO<sub>2</sub>' (g CO<sub>2</sub>/km) means the average specific emissions of CO<sub>2</sub> of all new light commercial vehicles registered in the European Union, Iceland, Norway and the United Kingdom in the calendar year 2019 for which the manufacturer (Table 1) or the members of the pool (Table 2) are responsible. In calculating the average specific emissions of CO<sub>2</sub> account has been taken, where applicable, of the CO<sub>2</sub> emission savings resulting from the use of innovative technologies referred to in Article 11 of Regulation (EU) 2019/631 (Column H).

**Column F:**

'Specific emissions target' (g CO<sub>2</sub>/km) means the specific emissions target of the manufacturer (Table 1) or the pool (Table 2) calculated in accordance with Annex I to Regulation (EC) No 510/2011 and with M<sub>0</sub> being 1 766,4 or the derogation target granted pursuant to Article 10 of Regulation (EU) 2019/631. Where the manufacturer benefits from an exemption pursuant to Article 2(4), no specific emissions target is specified.

**Column G:**

'Distance to target' (g CO<sub>2</sub>/km) means the difference between the average specific emissions of CO<sub>2</sub> specified in column E and the specific emissions target specified in column F, from which the error margin specified in column J is subtracted.

Where the value in column G is greater than zero, this means that the specific emissions target has been exceeded.

For a manufacturer, which is member of a pool, compliance with the specific emissions target is assessed at the level of the pool.

**Column H:**

'CO<sub>2</sub> savings from eco-innovations' (g CO<sub>2</sub>/km) means the emission savings taken into account for the calculation of the average specific emissions of CO<sub>2</sub> listed in column E, resulting from the use of innovative technologies that make a verified contribution to CO<sub>2</sub> reductions and that have been approved by the Commission in accordance with Article 11 of Regulation (EU) 2019/631.

**Column I:**

'Correction factor' means the correction factor calculated in accordance with Article 6(2) of Implementing Regulation (EU) 2017/1152, which was used in calculating the average specific emissions of CO<sub>2</sub> of the manufacturer (Table 1) or the pool (Table 2).

**Column J:**

'Error margin' (g CO<sub>2</sub>/km) means the value by which the difference between the average specific emissions of CO<sub>2</sub> (column E) and the specific emissions target (column F) has been adjusted when calculating the distance to target (column G), in order to take into account records notified to the Commission by the manufacturer (Table 1) or the pool (Table 2) with the error code B as set out in Article 10a(1) of Commission Regulation (EU) No 293/2012.

This error margin is calculated in accordance with the following formula:

Error margin = absolute value of [(AC1 – TG1) – (AC2 – TG2)]

AC1 = average specific emissions of CO<sub>2</sub> including the records with error code B (as specified in column E);

TG1 = specific emissions target including the records with error code B (as specified in column F);

AC2 = average specific emissions of CO<sub>2</sub> excluding the records with error code B;

TG2 = specific emissions target excluding the records with error code B.

---

## ANNEX III

Table 1

**Values relating to the performance of the passenger car manufacturer Dr Ing. h.c. F. Porsche AG and the Volkswagen pool confirmed or amended in accordance with the second subparagraph of Article 8(5) of Regulation (EC) No 443/2009 for calendar year 2017**

| A                          | B                     | C                       | D   | E                         | F                  | G                           | H            | I   |
|----------------------------|-----------------------|-------------------------|---|---------------------------|--------------------|-----------------------------|--------------|---|
| Manufacturer and pool name | Pools and derogations | Number of registrations | Average specific emissions of CO <sub>2</sub> (100 %) | Specific emissions target | Distance to target | Distance to target adjusted | Average mass | Average CO <sub>2</sub> emissions (100 %) |
| DR ING HCF PORSCHE AG      | P13                   | 67 186                  | 176,097   | 152,765                   | 23,332             | 23,319                      | 1 890,53     | 176,217                                   |
| VW GROUP PC Pool           | P13                   | 3 540 815               | 121,492   | 131,161                   | -9,669             | -9,693                      | 1 417,81     | 121,499                                   |

Table 2

**Values relating to the performance of the passenger car manufacturer Dr Ing. h.c. F. Porsche AG and the Volkswagen pool confirmed or amended in accordance with the second subparagraph of Article 8(5) of Regulation (EC) No 443/2009 for calendar year 2016**

| A                          | B                     | C                       | D   | E                         | F                  | G                           | H            | I   |
|----------------------------|-----------------------|-------------------------|---|---------------------------|--------------------|-----------------------------|--------------|---|
| Manufacturer and pool name | Pools and derogations | Number of registrations | Average specific emissions of CO <sub>2</sub> (100 %) | Specific emissions target | Distance to target | Distance to target adjusted | Average mass | Average CO <sub>2</sub> emissions (100 %) |
| DR ING HCF PORSCHE AG      | P14                   | 67 643                  | 185,198   | 152,535                   | 32,663             | 32,608                      | 1 885,51     | 185,293                                   |
| VW GROUP PC Pool           | P14                   | 3 489 798               | 120,154   | 131,039                   | -10,885            | -10,983                     | 1 415,14     | 120,156                                   |

Table 3

**Values relating to the performance of the passenger car manufacturer Dr Ing. h.c. F. Porsche AG and the Volkswagen pool confirmed or amended in accordance with the second subparagraph of Article 8(5) of Regulation (EC) No 443/2009 for calendar year 2015**

| A                          | B                     | C                       | D   | E                         | F                  | G                           | H            | I   |
|----------------------------|-----------------------|-------------------------|---|---------------------------|--------------------|-----------------------------|--------------|---|
| Manufacturer and pool name | Pools and derogations | Number of registrations | Average specific emissions of CO <sub>2</sub> (100 %) | Specific emissions target | Distance to target | Distance to target adjusted | Average mass | Average CO <sub>2</sub> emissions (100 %) |
| DR ING HCF PORSCHE AG      | P14                   | 64 611                  | 184,397   | 154,253                   | 30,144             | 30,144                      | 1 902,70     | 184,399                                   |
| VW GROUP PC Pool           | P14                   | 3 374 412               | 120,865   | 131,713                   | -10,848            | -10,848                     | 1 409,49     | 121,283                                   |

Table 4

**Values relating to the performance of the passenger car manufacturer Dr Ing. h.c. F. Porsche AG and the Volkswagen pool confirmed or amended in accordance with the second subparagraph of Article 8(5) of Regulation (EC) No 443/2009 for calendar year 2014**

| A                          | B                     | C                       | D  | E                         | F                  | G                           | H            | I   |
|----------------------------|-----------------------|-------------------------|--|---------------------------|--------------------|-----------------------------|--------------|---|
| Manufacturer and pool name | Pools and derogations | Number of registrations | Average CO <sub>2</sub> (80 % corrected) | Specific emissions target | Distance to target | Distance to target adjusted | Average mass | Average CO <sub>2</sub> emissions (100 %) |
| DR ING HCF PORSCHE AG      | P12                   | 51 090                  | 182,036                                  | 151,881                   | 30,155             | 29,934                      | 1 850,80     | 192,942                                   |
| VW GROUP PC Pool           | P12                   | 3 159 777               | 115,087                                  | 131,172                   | -16,085            | -16,191                     | 1 397,65     | 125,800                                   |

Explanatory notes to Tables 1, 2, 3, 4:

**Column A:**

'Manufacturer and pool name' means the name of the manufacturer or of the pool as notified to the Commission by the manufacturer concerned or, where no such notification has taken place, the name registered by the registration authority of the Member State.

**Column B:**

The manufacturer Dr Ing. h.c. F. Porsche AG is a member of the VW GROUP PC pool (P12, P13 or P14) formed pursuant to Article 7 of Regulation (EC) No 443/2009 and the pooling agreement is valid for the calendar years 2014, 2015, 2016 and 2017.

**Column C:**

'Number of registrations' means the total number of new cars registered by Member States in a calendar year, not counting those registrations that relate to records where the values for mass and/or CO<sub>2</sub> are missing and those records which the manufacturer does not recognise.

**Column D:**

Tables 1, 2 and 3: 'Average specific emissions of CO<sub>2</sub> (100 %)' means the average specific emissions of CO<sub>2</sub> (g CO<sub>2</sub>/km) that have been calculated on the basis of 100 % of the vehicles attributed to the manufacturer. Where appropriate, the average specific emissions of CO<sub>2</sub> take into account the errors notified to the Commission by the manufacturer concerned. The records used for the calculation includes those that contain a valid value for mass and CO<sub>2</sub> emissions. The average specific emissions of CO<sub>2</sub> include emission reductions resulting from the use of innovative technologies referred to in Article 12 of Regulation (EC) No 443/2009, and in Tables 3 and 4 the emission reductions resulting from the provisions on super credits in Article 5 of Regulation (EC) No 443/2009 and the use of E85 in accordance with Article 6 of that Regulation.

Table 4: 'Average CO<sub>2</sub> (80 %) corrected' means the average specific emissions of CO<sub>2</sub> that have been calculated on the basis of the 80 % lowest emitting vehicles in the manufacturer's fleet in accordance with the third indent of the second paragraph of Article 4 of Regulation (EC) No 443/2009 and point 4 of Commission Communication COM(2010) 657 final<sup>(1)</sup>.

**Column E:**

'Specific emissions target' means the emissions target calculated on the basis of the average mass of all vehicles attributed to a manufacturer applying the formula set out in Annex I to Regulation (EC) No 443/2009.

**Column F:**

'Distance to target' means the difference between the average specific emissions of CO<sub>2</sub> specified in column D and the specific emissions target in column E.

**Column G:**

'Distance to target adjusted' means that where the values in this column are different from those in column F, the values in that column have been adjusted to take into account an error margin. The error margin only applies if the manufacturer has notified the Commission of records with the error code B as set out in Article 9(3) of Regulation (EU) No 1014/2010. The error margin is calculated in accordance with the following formula:

Error margin = absolute value of [(AC1 – TG1) – (AC2 – TG2)]

AC1 = the average specific emissions of CO<sub>2</sub> including the unidentifiable vehicles (as set out in column D);

TG1 = the specific emissions target including the unidentifiable vehicles (as set out in column E);

AC2 = the average specific emissions of CO<sub>2</sub> excluding the unidentifiable vehicles;

TG2 = the specific emissions target excluding the unidentifiable vehicles.

**Column H:**

'Average mass' means the average of the mass in running order (kilogrammes) of the vehicles attributed to the manufacturer.

<sup>(1)</sup> Communication from the Commission of 10 November 2010 on the monitoring of data on the registration of new passenger cars (COM(2010) 657 final).

**Column I:**

Tables 1, 2, 3 and 4: 'Average CO<sub>2</sub> emissions (100 %)' means the average specific emissions of CO<sub>2</sub> that have been calculated on the basis of 100 % of the vehicles attributed to the manufacturer. Where appropriate, the average specific emissions of CO<sub>2</sub> take into account the errors notified to the Commission by the manufacturer concerned. The records used for the calculation include those that contain a valid value for mass and CO<sub>2</sub> emission but exclude emission reductions resulting from innovative technologies referred to in Article 12 of Regulation (EC) No 443/2009. For the calendar years 2014 and 2015 (Tables 3 and 4) the emission reductions resulting from the provisions on super-credits in Article 5 of Regulation (EU) No 443/2009 and on the use of E85 in Article 6 of that Regulation are also excluded from the calculation.

---

## ANNEX IV

Table 1

**Values relating to the performance of the passenger car manufacturer Dr Ing. h.c. F. Porsche AG and the Volkswagen pool confirmed or amended in accordance with the second subparagraph of Article 8(5) of Regulation (EC) No 443/2009 for calendar year 2018**

| A                          | B                     | C                       | D            | E   | F                         | G                  | H  | I                 | J            |
|----------------------------|-----------------------|-------------------------|--------------|---|---------------------------|--------------------|--|-------------------|--------------|
| Manufacturer and pool name | Pools and derogations | Number of registrations | Average mass | Average specific emissions of CO <sub>2</sub> | Specific emissions target | Distance to target | CO <sub>2</sub> savings from eco-innovations | Correction factor | Error margin |
| DR ING HCF PORSCHE AG      | P14                   | 63 874                  | 1 855,42     | 181,978                                       | 151,160                   | 30,818             | 0,144  | 1,000             | 0,000        |
| VW GROUP PC Pool           | P14                   | 3 548 716               | 1 414,82     | 121,851                                       | 131,025                   | -9,174             | 0,017  | 1,000             | 0,000        |

Explanatory note to Table 1:

**Column A:**

'Manufacturer and pool name' means the name of the manufacturer or of the pool as notified to the Commission by the manufacturer or pool concerned or, where no such notification has taken place, the name registered by the registration authority of the country.

**Column B:**

The manufacturer Dr Ing. h.c. F. Porsche AG is a member of the VW GROUP PC pool (P14) formed pursuant to Article 7 of Regulation (EC) No 443/2009 and the pooling agreement is valid for the calendar year 2018.

**Column C:**

'Number of registrations' means the total number of new passenger cars registered in the European Union and Iceland in the calendar year 2018 for which the manufacturer or the members of the pool are responsible.

**Column D:**

'Average mass' (kg) means the average of the mass in running order of all new passenger cars registered in the European Union and Iceland in the calendar year 2018 for which the manufacturer or the members of the pool are responsible.

**Column E:**

'Average specific emissions of CO<sub>2</sub>' (g CO<sub>2</sub>/km) means the average specific emissions of CO<sub>2</sub> of all new passenger cars registered in the European Union and Iceland in the calendar year 2018 for which the manufacturer or the members of the pool are responsible. In calculating the average specific emissions of CO<sub>2</sub>, account has been taken of the following, where applicable:

- CO<sub>2</sub> emission savings resulting from the use of innovative technologies referred to in Article 12 of Regulation (EC) No 443/2009 (Column H);
- the correction factor referred to in Article 7(2) of Implementing Regulation (EU) 2017/1153 (Column I).

**Column F:**

'Specific emissions target' (g CO<sub>2</sub>/km) means the specific emissions target of the manufacturer or the pool calculated in accordance with Annex I to Regulation (EC) No 443/2009 and with M<sub>0</sub> being 1 392,4.

**Column G:**

'Distance to target' (g CO<sub>2</sub>/km) means the difference between the average specific emissions of CO<sub>2</sub> specified in column E and the specific emissions target specified in column F, from which the error margin specified in column J is subtracted.

Where the value in column G is greater than zero, this means that the specific emissions target has been exceeded.

For a manufacturer, which is member of a pool, compliance with the specific emissions target is assessed at the level of the pool.

**Column H:**

'CO<sub>2</sub> savings from eco-innovations' (g CO<sub>2</sub>/km) means the emission savings taken into account for the calculation of the average specific emissions of CO<sub>2</sub> listed in column E, resulting from the use of innovative technologies that make a verified contribution to CO<sub>2</sub> reductions and that have been approved by the Commission in accordance with Article 12 of Regulation (EC) No 443/2009.

**Column I:**

'Correction factor' means the correction factor calculated in accordance with Article 7(2) of Implementing Regulation (EU) 2017/1153, which was used in calculating the average specific emissions of CO<sub>2</sub> of the manufacturer or the pool.

**Column J:**

'Error margin' (g CO<sub>2</sub>/km) means the value by which the difference between the average specific emissions of CO<sub>2</sub> (column E) and the specific emissions target (column F) has been adjusted when calculating the distance to target (column G), in order to take into account records notified to the Commission by the manufacturer or the pool with the error code B as set out in Article 9(3) of Commission Regulation (EU) No 1014/2010.

This error margin is calculated in accordance with the following formula:

Error margin = absolute value of [(AC1 – TG1) – (AC2 – TG2)]

AC1 = average specific emissions of CO<sub>2</sub> including the records with error code B;

TG1 = specific emissions target including the records with error code B (as specified in column F);

AC2 = average specific emissions of CO<sub>2</sub> excluding the records with error code B;

TG2 = specific emissions target excluding the records with error code B.

---