



2024/865

20.3.2024

**COMMISSION IMPLEMENTING DECISION (EU) 2024/865**

**of 18 March 2024**

**specifying the values relating to the performance of manufacturers and pools of manufacturers of new passenger cars and new light commercial vehicles for the calendar year 2022 pursuant to Regulation (EU) 2019/631 of the European Parliament and of the Council**

*(notified under document C(2024) 1653)*

**(Only the Croatian, Danish, Dutch, English, Estonian, French, German, Hungarian, Italian, Polish, Romanian, Spanish 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 Regulations (EC) No 443/2009 and (EU) No 510/2011 <sup>(1)</sup>, and in particular Article 7(5), second subparagraph, and Article 9(1) thereof,

Whereas:

- (1) In accordance with Regulation (EU) 2019/631, 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 or pool of manufacturers responsible for new passenger cars and new light commercial vehicles registered in the Union.
- (2) The calculation of the average specific emissions of CO<sub>2</sub> and the specific emissions targets for the calendar year 2022 is to be based on the reporting authorities' detailed data regarding the registrations of new passenger cars and new light commercial vehicles during that calendar year.
- (3) All reporting authorities transmitted their data for the calendar year 2022 to the Commission. However, in some cases they did so with certain delays in relation to the reporting deadline of 28 February 2023. 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 transmitted by that reporting authority was not adjusted.
- (4) On 20 June 2023, the Commission published the provisional data. On 27 June 2023, the Commission notified 92 manufacturers of passenger cars and 71 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 for the calendar year 2022.
- (5) As a result, 55 manufacturers of passenger cars and 37 manufacturers of light commercial vehicles notified the Commission of errors in their data, in accordance with Article 7(5), first subparagraph, of Regulation (EU) 2019/631. The Commission has verified the errors notified by the manufacturers and the reasons for their correction.
- (6) For three manufacturers of light commercial vehicles, all vehicles reported in the provisional dataset were outside the scope of Regulation (EU) 2019/631 and they are therefore not included in this Decision. For one manufacturer of passenger cars and one manufacturer of light commercial vehicles, none of the vehicles in the provisional dataset had a value reported for their Worldwide Harmonised Light Vehicles Test Procedure ('WLTP') specific emissions of CO<sub>2</sub>. For four manufacturers of light commercial vehicles, none of the vehicles in the provisional dataset had a mass in running order value reported. As both of those values are required for the calculation of a manufacturer's performance in the calendar year 2022, those six manufacturers are not included in this Decision.

<sup>(1)</sup> OJ L 111, 25.4.2019, p. 13, ELI: <http://data.europa.eu/eli/reg/2019/631/oj>.

- (7) As a result of the errors the Commission verified, it is necessary to confirm or amend the provisional calculations for a total of 91 manufacturers of passenger cars and 63 manufacturers of light commercial vehicles.
- (8) In accordance with Article 2(4) of Regulation (EU) 2019/631, manufacturers which, together with all of their connected undertakings, are responsible for fewer than 1 000 new passenger cars or for fewer than 1 000 new light commercial vehicles registered in the Union in the previous calendar year, are exempted from meeting a specific emissions target. It is, however, appropriate to calculate and report their average specific emissions of CO<sub>2</sub> as well as the number of new passenger cars and new light commercial vehicles registered.
- (9) Records with complete data on mass in running order and CO<sub>2</sub> emissions, but with missing or incorrect vehicle identification numbers, and therefore marked with error code B, should also be included in the calculation of the specific emissions targets and the average specific emissions of CO<sub>2</sub>. However, as manufacturers cannot verify or correct those records, it is appropriate to apply an error margin when determining the distance to target of the manufacturer concerned. The error margin is calculated as the difference between the distances between the average specific emissions of CO<sub>2</sub> and the specific emissions target, taking into account all vehicle registrations that cannot be verified by the manufacturer. Regardless of whether that difference is positive or negative, the error margin applied always improves the manufacturer's position regarding its specific emissions target.
- (10) Where, after considering the error margin, the distance to target of a manufacturer or a pool of manufacturers is above zero, an excess emissions premium is to be imposed in accordance with Article 8 of Regulation (EU) 2019/631. This is the case for one manufacturer of passenger cars.
- (11) 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 or mass values provided for the purpose of determining the manufacturer's compliance with the specific emissions target,

HAS ADOPTED THIS DECISION:

#### *Article 1*

1. The values relating to the performance of manufacturers and pools of manufacturers of new passenger cars in respect of the calendar year 2022, as referred to in Article 9(1) and (2) of Regulation (EU) 2019/631, are specified in Annex I to this Decision.
2. The values relating to the performance of manufacturers and pools of manufacturers of new light commercial vehicles in respect of the calendar year 2022, as referred to in Article 9(1) and (2) of Regulation (EU) 2019/631, are specified in Annex II to this Decision.

#### *Article 2*

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

- (1) ADDAX MOTOR NV  
Kleine Tapuitstraat 18  
8540 Deerlijk  
BELGIUM
- (2) ALFA ROMEO SPA  
C.so G. Agnelli, 200  
10135 Turin (TO)  
ITALY

- (3) ALKE SRL  
via Vigonovese 123  
35127 Padua (PD)  
ITALY
- (4) ALPINA BURKARD BOVENSIEPEN GMBH E CO KG  
Alpenstraße 35-37  
86807 Buchloe  
GERMANY
- (5) ANHUI JIANGHUAI AUTOMOBILE GROUP CORP LTD  
Represented in the Union by:  
JAC-Italy Design Center S.R.L  
Via Torino 21/b  
10044 Pianezza (TO)  
ITALY
- (6) ASTON MARTIN LAGONDA LIMITED  
Represented in the Union by:  
Aston Martin Lagonda of Europe GmbH,  
Unterschweinstiege 2-14  
60549 Frankfurt am Main  
GERMANY
- (7) AUDI AG  
Letter box 011/1882  
38436 Wolfsburg  
GERMANY
- (8) AUDI HUNGARIA ZRT  
Letter box 011/1882  
38436 Wolfsburg  
GERMANY
- (9) AUDI SPORT GMBH  
Letter box 011/1882  
38436 Wolfsburg  
GERMANY
- (10) AUTOMOBILE DACIA SA  
Str. Uzinei Nr. 1  
115400 Mioveni (Arges)  
ROMANIA
- (11) AUTOMOBILES CITROEN  
2-10 boulevard de l'Europe  
78300 Poissy  
FRANCE
- (12) AUTOMOBILES PEUGEOT  
2-10 boulevard de l'Europe  
78300 Poissy  
FRANCE

- (13) AUTOMOBILI LAMBORGHINI SPA  
via Modena 12  
40019 Sant'Agata Bolognese (BO)  
ITALY
- (14) BATTSWAP INC  
Represented in the Union by:  
BattSwap DE GmbH  
Äußere Sulzbacher Str. 118  
90491 Nürnberg  
GERMANY
- (15) BAYERISCHE MOTOREN WERKE AG  
P.O. box  
DE-80788 Munich  
GERMANY
- (16) BENTLEY MOTORS LTD  
Represented in the Union by:  
Bentley Motors Germany GmbH  
Zeppelinstraße 1  
85399 Hallbergmoos  
GERMANY
- (17) BMW M GMBH  
P.O. box  
DE-80809 Munich  
GERMANY
- (18) BMW Pool (M1)  
Pool manager:  
Bayerische Motoren Werke AG  
P.O. box  
DE-80788 Munich  
GERMANY
- (19) BMW Pool (N1)  
Pool manager:  
Bayerische Motoren Werke AG  
P.O. box  
DE-80788 Munich  
GERMANY
- (20) B-ON GMBH  
Liebigstrasse 50  
52070 Aachen  
GERMANY
- (21) BRILLIANCE SHINERAY CHONGQING AUTOMOBILE CO LTD  
Represented in the Union by:  
SWM Motorcycles S.R.L.  
Via Nino Bixio n. 8  
21024 Biandronno (VA)  
ITALY

- (22) BUGATTI AUTOMOBILES SAS  
Letter box 011/1882  
38436 Wolfsburg  
GERMANY
- (23) BUGATTI RIMAC DOO  
Ljubljanska ulica 7  
10431 Brezje (Sveta Nedelja)  
CROATIA
- (24) BYD AUTO INDUSTRY COMPANY LIMITED  
Represented in the Union by:  
BYD Europe B.V.  
's-Gravelandseweg 256  
3125 BK Schiedam  
NETHERLANDS
- (25) CATERHAM CARS LIMITED  
Represented in the Union by:  
Caterham Competition France  
Valat de Fontanes  
30520 Saint-Martin-de-Valgagues  
FRANCE
- (26) CENNTRO AUTOMOTIVE CORPORATION  
Represented in the Union by:  
Cenntro Automotive Europe GmbH  
Dettinger Straße 157-159  
73230 Kirchheim unter Teck  
GERMANY
- (27) CHINA FAW GROUP CO LTD  
Represented in the Union by:  
China FAW Group Import & Export Co., Ltd. Deutschland  
Eschersheimer Landstraße 14  
60322 Frankfurt am Main  
GERMANY
- (28) DFSK MOTOR CO LTD  
Represented in the Union by:  
Giotti Victoria S.r.l.  
Pisana Road, 11/a  
50021 Barberino, Val D' Elsa (FI)  
ITALY
- (29) DONKERVOORT AUTOMOBIELEN BV  
Pascallaan 96  
8218 NJ Lelystad  
NETHERLANDS
- (30) DR AUTOMOBILES SRL  
Zona Industriale, Snc  
86070 Macchia d'Isernia (IS)  
ITALY

- (31) DR ING HCF PORSCHE AG  
Porscheplatz 1,  
70435 Stuttgart  
GERMANY
- (32) ESAGONO ENERGIA SRL  
Via Puecher 9  
20060 Pozzuolo Martesana (MI)  
ITALY
- (33) ETESIA SAS  
13 Rue de l'Industrie  
67160 Wissembourg  
FRANCE
- (34) EURASIA MOTOR COMPANY SRL  
Via Perrucchetti 18  
25036 Palazzolo sull' Oglio (BS)  
ITALY
- (35) EVUM MOTORS GMBH  
Joseph-Dollinger-Bogen 26  
80807 Munich  
GERMANY
- (36) FABBRICA DALLARA SRL  
Via Guglielmo Marconi 18  
43040 Varano de' Melegari (PR)  
ITALY
- (37) FCA US LLC  
Represented in the Union by:  
Stellantis Europe SpA  
C.so G. Agnelli 200  
10135 Turin (TO)  
ITALY
- (38) FERRARI SPA  
Via Emilia Est 1163  
41122 Modena (MO)  
ITALY
- (39) FORD MOTOR COMPANY  
Represented in the Union by:  
Ford-Werke GmbH  
Henry Ford Strasse 1  
50725 Cologne  
GERMANY

- (40) FORD MOTOR COMPANY OF AUSTRALIA PTY LIMITED  
Represented in the Union by:  
Ford-Werke GmbH  
Henry Ford Strasse 1  
50725 Cologne  
GERMANY
- (41) FORD Pool (M1)  
Pool manager:  
Ford-Werke GmbH  
Henry Ford Strasse 1  
50725 Cologne  
GERMANY
- (42) FORD Pool (N1)  
Pool manager:  
Ford-Werke GmbH  
Henry Ford Strasse 1  
50725 Cologne  
GERMANY
- (43) FORD-WERKE GMBH  
Henry Ford Strasse 1  
50725 Cologne  
GERMANY
- (44) GARIA AS  
Lunikvej 44 B  
DK-2670 Greve  
DENMARK
- (45) GENERAL MOTORS HOLDINGS LLC  
Represented in the Union by:  
KnowMotive  
Bouwhuispad 1  
8121 PX Olst  
NETHERLANDS
- (46) GOUPIL INDUSTRIE SAS  
2445 Avenue de la Vallée du Lot  
47320 Bourran  
FRANCE
- (47) GREAT WALL MOTOR COMPANY LIMITED  
Represented in the Union by:  
Great Wall Motor Deutschland GmbH  
Max-Diamand-Straße 7  
80937 Munich  
GERMANY

- (48) HAIMA CAR CO LTD  
Represented in the Union by:  
XPeng European Holding B.V.  
Delflandlaan 1,  
1062EA Amsterdam  
NETHERLANDS
- (49) HENAN SUDA ELECTRIC VEHICLE TECHNOLOGY CO LTD  
Represented in the Union by:  
DCKD GmbH  
Am Falder 4  
40589 Düsseldorf  
GERMANY
- (50) HONDA MOTOR CO LTD  
Represented in the Union by:  
Honda Motor Europe Ltd  
Wijngaardveld 1 (Noord V)  
9300 Aalst  
BELGIUM
- (51) HYUNDAI ASSAN OTOMOTIV SANAYI VE TICARET AS  
Represented in the Union by:  
Hyundai Motor Europe Technical Center GmbH  
Hyundai Platz  
65428 Rüsselsheim am Main  
GERMANY
- (52) HYUNDAI MOTOR EUROPE Pool (M1)  
Pool manager:  
Hyundai Motor Company  
Represented in the Union by:  
Hyundai Motor Europe Technical Center GmbH  
Hyundai Platz  
65428 Rüsselsheim am Main  
GERMANY
- (53) HYUNDAI MOTOR EUROPE Pool (N1)  
Pool manager:  
Hyundai Motor Company  
Represented in the Union by:  
Hyundai Motor Europe Technical Center GmbH  
Hyundai Platz  
65428 Rüsselsheim am Main  
GERMANY
- (54) HYUNDAI MOTOR COMPANY  
Represented in the Union by:  
Hyundai Motor Europe Technical Center GmbH  
Hyundai Platz  
65428 Rüsselsheim am Main  
GERMANY

- (55) HYUNDAI MOTOR MANUFACTURING CZECH SRO  
c/o. Hyundai Motor Europe Technical Center GmbH  
Hyundai Platz  
65428 Rüsselsheim am Main  
GERMANY
- (56) ISUZU MOTORS LIMITED  
Represented in the Union by:  
Isuzu Motors Europe NV  
Bist 12  
2630 Aartselaar  
BELGIUM
- (57) IVECO SPA  
Via Puglia 35  
10156 Turin (TO)  
ITALY
- (58) 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
- (59) JIANGLING MOTOR HOLDING CO LTD  
Represented in the Union by:  
Aiways Automobile Europe GmbH  
Duerrstrasse 1  
80992 Munich  
GERMANY
- (60) JIANGXI JIANGLING GROUP ELECTRIC VEHICLE CO LTD  
Represented in Union by:  
Renault SAS  
122-122 bis avenue du Général Leclerc  
92 100 Boulogne-Billancourt  
FRANCE
- (61) KG MOBILITY CORPORATION  
Represented in the Union by:  
KG Mobility Europe Parts Center B.V.  
IABC 5253 & 5254  
4814RD Breda  
NETHERLANDS
- (62) KIA CORPORATION  
Represented in the Union by:  
Hyundai Motor Europe Technical Center GmbH  
Hyundai-Platz  
65428 Rüsselsheim am Main  
GERMANY

- (63) KIA Pool (M1)  
Pool manager:  
Kia Corporation  
Represented in the Union by:  
Hyundai Motor Europe Technical Center GmbH  
Hyundai Platz  
65428 Rüsselsheim am Main  
GERMANY
- (64) KIA Pool (N1)  
Pool manager:  
Kia Corporation  
Represented in the Union by:  
Hyundai Motor Europe Technical Center GmbH  
Hyundai-Platz  
65428 Rüsselsheim am Main  
GERMANY
- (65) KIA SLOVAKIA SRO  
c/o Hyundai Motor Europe Technical Center GmbH  
Hyundai-Platz  
65428 Rüsselsheim am Main  
GERMANY
- (66) LANZHOU ZHIDOU ELECTRIC VEHICLE CO LTD  
Represented in the Union by:  
Nextem Italia Srl  
Via Marradi 14  
57126 Livorno (LI)  
ITALY
- (67) LEAPMOTOR AUTOMOBILE CO LTD  
Represented in the Union by:  
Greenkar Automotive Srl  
Via di Quarto Peperino 22  
CAP 00188 Interno 18, Rome (RM)  
ITALY
- (68) LEEH GROUP KFT  
Eötvös utca 48. 4. em.  
1067 Budapest  
HUNGARY
- (69) LIGIER GROUP  
Route d'Hauterive 105  
3200 Abrest  
FRANCE
- (70) LLC AUTOMOBILE PLANT GAZ  
Represented in the Union by:  
ITÜ Rebella  
Poe 2  
Lähte Tartumaa 60502  
ESTONIA

- (71) LONDON EV COMPANY LIMITED  
Represented in the Union by:  
China-Euro Vehicle Technology (CEVT)  
Pumpgatan 1  
41755 Gothenburg  
SWEDEN
- (72) LOTUS CARS LIMITED  
Represented in the Union by:  
China-Euro Vehicle Technology (CEVT)  
Pumpgatan 1  
41755 Gothenburg  
SWEDEN
- (73) LUCID USA INC  
Represented in the Union by:  
Lucid Europe B.V.  
Amsteldijk 166, 1079, LH Amsterdam  
NETHERLANDS
- (74) MAGYAR SUZUKI CORPORATION LTD  
Schweidel József u. 52  
2500 Esztergom  
HUNGARY
- (75) MAHINDRA & MAHINDRA LTD  
Represented in the Union by:  
Mahindra Europe Srl  
Via Cancelliera 35  
00072 Ariccia (RM)  
ITALY
- (76) MANUFACTURE ALPINE DIEPPE JEAN REDELE  
40 Avenue de Bréauté  
76885 Dieppe Cédex  
FRANCE
- (77) MAN TRUCK & BUS SE  
Letter box 011/1882  
38436 Wolfsburg  
GERMANY
- (78) MASERATI SPA  
Viale Ciro Menotti 322  
41122 Modena (MO)  
ITALY

- (79) MAZDA MOTOR CORPORATION  
Represented in the Union by:  
Mazda Motor Europe GmbH  
European R & D Centre  
Hiroshimastr. 1  
61440 Oberursel/Taunus  
GERMANY
- (80) MAZDA MOTOR LOGISTICS EUROPE N.V.  
Blaasveldstraat 162  
2830 Willebroek  
BELGIUM
- (81) MAZDA-SUBARU-SUZUKI-TOYOTA Pool (M1)  
Pool manager:  
Toyota Motor Europe NV/SA  
Avenue du Bourget 60  
1140 Brussels  
BELGIUM
- (82) MCLAREN AUTOMOTIVE LIMITED  
Represented in the Union by:  
McLaren Automotive Europe S.L.U.  
Pol. Ind. L'Albornar S/N  
43710 Santa Oliva, Tarragona  
SPAIN
- (83) MELEX SP ZOO  
ul Investorow 25  
39-300 Mielec  
POLAND
- (84) MERCEDES-AMG GMBH  
Daimlerstrasse 1  
71563 Affalterbach  
GERMANY
- (85) MERCEDES-BENZ AG  
Mercedesstraße 120  
70372 Stuttgart  
GERMANY
- (86) MERCEDES-BENZ Pool (M1)  
Pool manager:  
Mercedes-Benz AG  
Mercedesstraße 120  
70372 Stuttgart  
GERMANY

- (87) MITSUBISHI MOTORS CORPORATION  
Represented in the Union by:  
Mitsubishi Motor R & D Europe GmbH  
Diamantstraße 1  
65468 Trebur  
GERMANY
- (88) MITSUBISHI MOTORS THAILAND CO LTD  
Represented in the Union by:  
Mitsubishi Motor R & D Europe GmbH  
Diamantstraße 1  
65468 Trebur  
GERMANY
- (89) MORGAN TECHNOLOGIES LTD  
Represented in the Union by:  
Corbital Limited  
8 Priory Office Park, Stillgorgan Road  
A94 EE95 Blackrock, Co. Dublin  
IRELAND
- (90) NANJING GOLDEN DRAGON BUS CO LTD  
Represented in the Union by:  
BIO AUTO SP. Z O.O.  
Ul. Świętokrzyska 12/323  
30-015 Krakow  
POLAND
- (91) NEXT E.GO MOBILE SE  
Lilienthalstraße 1  
52068 Aachen  
GERMANY
- (92) NEXTEM E-MOBILITY LIMITED  
Represented in the Union by:  
NEXTEM Italia Srl  
Via Giovanni Marradi 14  
I-57126 Livorno (LI)  
ITALY
- (93) NIO CO LTD  
Represented in Union by:  
Nio Deutschland GmbH  
Montgelastrasse 14  
81679 Munich  
GERMANY
- (94) NISSAN AUTOMOTIVE EUROPE SAS  
8 rue Jean-Pierre Timbaud  
78180 Montigny-le-Bretonneux  
FRANCE

- (95) OPEL AUTOMOBILE GMBH  
Bahnhofsplatz 1 IPC 39-13  
65423 Rüsselsheim am Main  
GERMANY
- (96) OZ TRUCK SRL  
Viale De Gasperi 132  
38023 Cles (TN)  
ITALY
- (97) PAGANI AUTOMOBILI SPA  
Via dell' Artigianato 5  
41018 San Cesario sul Panaro (MO)  
ITALY
- (98) PIAGGIO & C SPA  
Viale Rinaldo Piaggio, 25  
56025 Pontedera (PI)  
ITALY
- (99) POLARIS SALES EUROPE SARL  
Represented in the Union by:  
Goupil Industrie SAS  
2445 Avenue de la Vallée du Lot  
47320 Bourran  
FRANCE
- (100) POLESTAR PERFORMANCE AB  
Assar Gabrielssons väg 9  
40531 Gothenburg  
SWEDEN
- (101) RENAULT-NISSAN-MITSUBISHI Pool (M1)  
Pool manager:  
Renault SAS  
122-122 bis avenue du Général Leclerc  
92 100 Boulogne-Billancourt  
FRANCE
- (102) RENAULT-NISSAN-MITSUBISHI Pool (N1)  
Pool manager:  
Renault SAS  
122-122 bis avenue du Général Leclerc  
92 100 Boulogne-Billancourt  
FRANCE
- (103) RENAULT SAS  
122-122 bis avenue du Général Leclerc  
92 100 Boulogne-Billancourt  
FRANCE

- (104) RENAULT TRUCKS  
99 Route de Lyon TER L10 0 01  
69806 Saint Priest Cedex  
FRANCE
- (105) ROLLS-ROYCE MOTOR CARS LTD  
Represented in the Union by:  
Bayerische Motoren Werke AG  
P.O. box  
DE-80788 Munich  
GERMANY
- (106) ROMANITAL SRL  
Via delle Industrie, 107  
90040 Isola delle Femmine (PA)  
ITALY
- (107) SAIC MAXUS AUTOMOTIVE CO LTD  
Represented in the Union by:  
SAIC Europe Sarl  
Professor W.H. Keesomlaan 12  
1183 DJ Amstelveen,  
NETHERLANDS
- (108) SAIC MOTOR CORPORATION LTD  
Represented in the Union by:  
SAIC Motor Europe BV  
Professor W.H. Keesomlaan 12  
1183 DJ Amstelveen,  
NETHERLANDS
- (109) SEAT SA  
Letter box 011/1882  
38436 Wolfsburg  
GERMANY
- (110) SECMA SAS  
Rue Denfert Rochereau  
59580 Aniche  
FRANCE
- (111) SKODA AUTO AS  
Letter box 011/1882  
38436 Wolfsburg  
GERMANY
- (112) SMART AUTOMOBILE CO LTD  
Represented in Union by:  
Smart Europe GmbH  
Esslinger Str. 7  
70771 Leinfelden-Echterdingen  
GERMANY

- (113) STELLANTIS AUTO SAS  
2-10 boulevard de l'Europe  
78300 Poissy  
FRANCE
- (114) STELLANTIS EUROPE SPA  
C.so G. Agnelli 200  
10135 Turin (TO)  
ITALY
- (115) STELLANTIS Pool (M1)  
Pool manager:  
Stellantis Auto SAS  
2-10 boulevard de l'Europe  
78300 Poissy  
FRANCE
- (116) STELLANTIS Pool (N1)  
Pool manager:  
Stellantis Auto SAS  
2-10 boulevard de l'Europe  
78300 Poissy  
FRANCE
- (117) STREETSCOOTER GMBH  
Jülicher Straße 191  
52070 Aachen  
GERMANY
- (118) SUBARU CORPORATION  
Represented in the Union by:  
Subaru Europe NV/SA  
Leuvensesteenweg 555 B/8  
1930 Zaventem  
BELGIUM
- (119) SUZUKI MOTOR CORPORATION  
Represented in the Union by:  
Magyar Suzuki Corporation Ltd.  
Schweidel József u. 52  
2500 Esztergom  
HUNGARY
- (120) TESLA INC  
Represented in the Union by:  
Tesla Motors Netherlands B.V.  
Burgemeester Stramanweg 122  
1101 EN Amsterdam  
NETHERLANDS

- (121) TESLA-HONDA-JLR Pool (M1)  
Pool manager:  
Tesla Inc  
Represented in the Union by:  
Tesla Motors Netherlands B.V.  
Burgemeester Stramanweg 122  
1101 EN Amsterdam  
NETHERLANDS
- (122) TOYOTA MOTOR CORPORATION  
Represented in the Union by:  
Toyota Motor Europe NV/SA  
Avenue du Bourget 60  
1140 Brussels  
BELGIUM
- (123) TOYOTA MOTOR EUROPE NV SA  
Avenue du Bourget 60  
1140 Brussels  
BELGIUM
- (124) VOLKSWAGEN AG  
Letter box 011/1882  
38436 Wolfsburg  
GERMANY
- (125) VOLKSWAGEN Pool (M1)  
Pool manager:  
Volkswagen AG  
Letter box 011/1882  
38436 Wolfsburg  
GERMANY
- (126) VOLKSWAGEN Pool (N1)  
Pool manager:  
Volkswagen AG  
Letter box 011/1882  
38436 Wolfsburg  
GERMANY
- (127) VOLVO CAR CORPORATION  
Regulatory Affairs Environment (Dep 58832)  
PV3A1, PVE Reception, Assar Gabrielssons väg  
40531 Gothenburg  
SWEDEN
- (128) ZHAOQING XIAOPENG INVESTMENT OF NEW ENERGY CO LTD  
Represented in the Union by:  
XPeng European Holding B.V.  
Hoogoorddreef 11, 1101BA, Amsterdam  
NETHERLANDS

(129) ZHEJIANG GEELY AUTOMOBILE CO LTD  
Represented in the Union by:  
Lynk & Co International AB  
Planetgatan 6  
41755 Gothenburg  
SWEDEN

Done at Brussels, 18 March 2024.

*For the Commission*  
Wopke HOEKSTRA  
*Member of the Commission*

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## ANNEX I

## PERFORMANCE OF MANUFACTURERS OF NEW PASSENGER CARS

Table 1

Values relating to the performance of individual manufacturers of new passenger cars in the calendar year 2022 in accordance with Article 9 of Regulation (EU) 2019/631

A	B	C	D	E	F	G	H	I	J	K
Manufacturer name	Pools Derogations Exemptions	Total number of registrations	Average mass in running order	Average specific emissions of CO <sub>2</sub>	Specific emissions target	Distance to target	Super-credits	Super-credit cap 2022	CO <sub>2</sub> savings from eco-innovations	Error margin
ALFA ROMEO SPA	P8	29 798	1 703,85	154,359	122,176	32,177	0	0	2,060	0,006
ALPINA BURKARD BOVENSIEPEN GMBH E CO KG	DMD	694	2 112,23	240,213			0	7,5	0	
ANHUI JIANGHUAI AUTOMOBILE GROUP CORP LTD	DMD	82	1 602,32	0			0	7,5	0	
ASTON MARTIN LAGONDA LIMITED	DMD	859	2 019,93	296,87			0	7,5	0	
AUDI AG	P10	464 198	1 756,35	115,832	129,983	-14,151	0	0	1,311	0
AUDI HUNGARIA ZRT	P10	2 510	1 432,72	167,301	108,36	58,941	0	0	0	0
AUDI SPORT GMBH	P10	15 481	1 868,46	241,251	121,711	119,540	0	0	0	0
AUTOMOBILE DACIA SA	P7	308 127	1 179,73	99,874	103,374	-3,502	0	0	2,511	0,002
AUTOMOBILES CITROEN	P8	224 244	1 174,72	122,223	114,536	7,687	0	0	3,058	0
AUTOMOBILES PEUGEOT	P8	148 141	1 582,11	118,624	131,132	-12,508	0	0	2,186	0
AUTOMOBILI LAMBORGHINI SPA	P10	836	1 985,44	339,048	123,283	215,765	0	7,5	0,558	0
BAYERISCHE MOTOREN WERKE AG	P1	625 223	1 775,05	102,601	127,901	-25,300	0	0	1,958	0
BENTLEY MOTORS LTD	P10	1 869	2 457,13	259,682	143,256	116,426	0	0	1,494	0
BMW M GMBH	P1	10 043	1 980,66	242,27	119,564	122,706	0	0	2,492	0
BRILLIANCE SHINERAY CHONGQING AUTOMOBILE CO LTD	DMD	60	1 649,00	188,533			0	7,5	0	

A	B	C	D	E	F	G	H	I	J	K
Manufacturer name	Pools Derogations Exemptions	Total number of registrations	Average mass in running order	Average specific emissions of CO <sub>2</sub>	Specific emissions target	Distance to target	Super-credits	Super-credit cap 2022	CO <sub>2</sub> savings from eco-innovations	Error margin
BUGATTI AUTOMOBILES SAS		8	2 070,00	561,375	112,629	448,746	0	0	0	0
BUGATTI RIMAC DOO		3	2 375,00	0	148,13	- 148,130	0	7,5	0	0
BYD AUTO INDUSTRY COMPANY LIMITED		5 777	2 078,45	0	138,255	- 138,255	0	7,5	0	0
CATERHAM CARS LIMITED	DMD	138	673,04	151,036			0	7,5	0	
CHINA FAW GROUP CO LTD	DMD	2 102	2 708,29	0			0	7,5	0	
DFSK MOTOR CO LTD	DMD	2 233	1 833,01	61,798			0	0	0	
DONKERVOORT AUTOMOBIELEN BV	DMD	12	865,00	191			0	7,5	0	
DR AUTOMOBILES SRL	ND	22 635	1 392,35	152,302	162,613	-10,311	0,191	7,487	0	0
DR ING HCF PORSCHE AG	P10	63 171	2 038,38	164,055	135,627	28,426	0	0	1,108	0,002
EURASIA MOTOR COMPANY SRL	DMD	107	1 417,84	149,131			0	7,5	0	
FABBRICA DALLARA SRL	DMD	31	1 010,00	221,871			0	7,5	0	
FCA US LLC	P8	53 804	1 662,49	109,902	124,426	-14,575	0	0	0,723	0,051
FERRARI SPA	D	3 356	1 736,17	261,033	295	-33,967	0	7,5	0	0
FORD MOTOR COMPANY	P2	3 075	1 848,3	265,608	112,146	153,460	0	0	1,511	0,002
FORD MOTOR COMPANY OF AUSTRALIA PTY LIMITED	P2	1	2 379,00	255	147,189	107,811	0	0	0	0
FORD-WERKE GMBH	P2	402 917	1 557,24	112,088	123,436	-11,348	0	0	2,637	0
GENERAL MOTORS HOLDINGS LLC	D	1 096	1 794,02	242,09	255	-12,910	0	7,5	0	0
GREAT WALL MOTOR COMPANY LIMITED	DMD	267	1 638,16	18,604			5,081	7,5	0	

A	B	C	D	E	F	G	H	I	J	K
Manufacturer name	Pools Derogations Exemptions	Total number of registrations	Average mass in running order	Average specific emissions of CO <sub>2</sub>	Specific emissions target	Distance to target	Super-credits	Super-credit cap 2022	CO <sub>2</sub> savings from eco-innovations	Error margin
HAIMA CAR CO LTD	DMD	286	1 712,00	0			0	7,5	0	
HENAN SUDA ELECTRIC VEHICLE TECHNOLOGY CO LTD	DMD	62	1 459,35	1,912			0,62	7,5	0	
HONDA MOTOR CO LTD	P9	40 168	1 482,07	120,145	118,998	1,147	0	0	1,243	0
HYUNDAI ASSAN OTOMOTIV SANAYI VE TICARET AS	P3	122 436	1 091,48	118,677	96,204	22,473	0	0	1,822	0
HYUNDAI MOTOR COMPANY	P3	101 190	1 672,38	79,896	122,655	-42,764	0	0	0,916	0,005
HYUNDAI MOTOR MANUFACTURING CZECH SRO	P3	209 218	1 579,30	101,642	117,45	-15,814	0	0	1,61	0,006
IVECO SPA	DMD	1	2 205,00	243			0	7,5	0	
JAGUAR LAND ROVER LIMITED	P9	53 065	2 204,71	156,855	146,319	10,533	0	0	1,545	0,003
JIANGLING MOTOR HOLDING CO LTD		1 299	1 843,98	0	109,834	-109,834	0	0	0	0
JIANGXI JIANGLING GROUP ELECTRIC VEHICLE CO LTD	DMD	75	1 675,00	0			0	7,5	0	
KG MOBILITY CORPORATION	D	14 235	1 546,84	173,771	174,397	-0,626	1,027	7,279	0	0
KIA CORPORATION	P4	213 231	1 399,99	83,703	110,301	-26,598	0	0	1,148	0
KIA SLOVAKIA SRO	P4	221 023	1 534,69	115,425	114,512	0,907	0	0	1,431	0,006
LANZHOU ZHIDOU ELECTRIC VEHICLE CO LTD	DMD	238	866,89	0			0	7,5	0	
LEAPMOTOR AUTOMOBILE CO LTD	DMD	2	1 278,00	0			0	7,5	0	
LEECH GROUP KFT	DMD	1	975,00	0			0	7,5	0	
LONDON EV COMPANY LIMITED	DMD	1	2 233,00	19			0	0	0	

A	B	C	D	E	F	G	H	I	J	K
Manufacturer name	Pools Derogations Exemptions	Total number of registrations	Average mass in running order	Average specific emissions of CO <sub>2</sub>	Specific emissions target	Distance to target	Super-credits	Super-credit cap 2022	CO <sub>2</sub> savings from eco-innovations	Error margin
LOTUS CARS LIMITED	DMD	233	1 211,14	215,858			0	7,5	0	
LUCID USA INC	DMD	9	2 435,00	0			0	7,5	0	
MAGYAR SUZUKI CORPORATION LTD	P5	66 025	1 317,81	122,983	113,214	9,765	0	4,956	3,177	0,004
MAHINDRA & MAHINDRA LTD	D	770	1 191,01	156,623	164	-7,377	0	7,5	0	0
MANUFACTURE ALPINE DIEPPE JEAN REDELE	P7	2 874	1 181,76	153,124	96,887	56,237	0	0	1,409	0
MASERATI SPA	D	5 253	2 027,45	223,464	262	-38,536	0	7,5	2,511	0
MAZDA MOTOR CORPORATION	P5	98 579	1 513,88	114,084	117,73	-3,646	4,956	4,956	0,908	0
MAZDA MOTOR LOGISTICS EUROPE NV	P5	12 702	1 429,55	128,61	115,967	12,643	0	4,956	1,144	0
MCLAREN AUTOMOTIVE LIMITED	DMD	206	1 496,54	262,544			0	7,5	0	
MERCEDES-AMG GMBH	P6	713	1 643,04	291,067	111,555	179,512	0	0	0	0
MERCEDES-BENZ AG	P6	553 175	1 873,88	111,697	126,687	-14,996	0	0	0,797	0,006
MITSUBISHI MOTORS CORPORATION	P7	27 632	1 974,91	46,011	126,811	-80,815	0	0	0	0,015
MITSUBISHI MOTORS THAILAND CO LTD	P7	27 205	953,84	114,892	91,588	23,304	0	0	1,362	0
MORGAN TECHNOLOGIES LTD	DMD	171	1 136,00	167,275			0	7,5	0	
NANJING GOLDEN DRAGON BUS CO LTD	DMD	130	1 955,00	0			0	7,5	0	
NEXT E.GO MOBILE SE	DMD	345	1 255,69	0			0	0	0	
NIO CO LTD	DMD	1 689	2 473,51	0			0	7,5	0	

A	B	C	D	E	F	G	H	I	J	K
Manufacturer name	Pools Derogations Exemptions	Total number of registrations	Average mass in running order	Average specific emissions of CO <sub>2</sub>	Specific emissions target	Distance to target	Super-credits	Super-credit cap 2022	CO <sub>2</sub> savings from eco-innovations	Error margin
NISSAN AUTOMOTIVE EUROPE SAS	P7	161 320	1 414,77	116,625	118,553	-1,931	0	0	2,259	0,003
OPEL AUTOMOBILE GMBH	P8	116 685	1 407,46	123,526	120,49	3,036	0	0	2,825	0
PAGANI AUTOMOBILI SPA	DMD	3	1 453,00	359			0	7,5	0	
POLESTAR PERFORMANCE AB		21 423	2 106,62	0	139,193	-139,193	0	7,5	0	0
RENAULT SAS	P7	702 652	1 391,91	105,865	110,94	-5,081	0	0	2,312	0,006
RENAULT TRUCKS	DMD	58	2 259,12	240,686			0	7,5	1,073	
ROLLS-ROYCE MOTOR CARS LTD	P1	320	2 704,33	366,741	145,028	221,713	0	0	0	0
SAIC MAXUS AUTOMOTIVE CO LTD		1 565	1 947,35	0	120,787	-120,787	0	7,5	0	0
SAIC MOTOR CORPORATION LTD		65 151	1 670,72	45,386	114,687	-69,301	0	0	0	0
SEAT SA	P10	298 588	1 469,25	115,920	116,440	-0,520	0	0	1,556	0
SECMA SAS	DMD	79	686,35	139,342			0	7,5	0	
SKODA AUTO AS	P10	470 727	1 490,19	116,460	118,692	-2,233	0	0	1,899	0,001
SMART AUTOMOBILE CO LTD	DMD	249	1 919,27	0			0	7,5	0	
STELLANTIS AUTO SAS	P8	837 222	1 358,72	94,251	120,986	-26,735	0	0	2,246	0
STELLANTIS EUROPE SPA	P8	428 996	1 232,48	95,348	109,504	-14,156	0	0	1,448	0
SUBARU CORPORATION	P5	11 187	1 695,57	166,67	123,521	43,145	4,077	4,956	0,85	0,004
SUZUKI MOTOR CORPORATION	P5	45 609	1 039,95	105,348	100,915	4,433	1,460	4,956	2,941	0
TESLA INC	P9	170 218	1 985,74	0	114,555	-114,555	0	0	0	0
TOYOTA MOTOR CORPORATION		198 181	1 263,89	103,737	111,13	-7,393	1,294	5,755	0,802	0

A	B	C	D	E	F	G	H	I	J	K
Manufacturer name	Pools Derogations Exemptions	Total number of registrations	Average mass in running order	Average specific emissions of CO <sub>2</sub>	Specific emissions target	Distance to target	Super-credits	Super-credit cap 2022	CO <sub>2</sub> savings from eco-innovations	Error margin
TOYOTA MOTOR EUROPE NV SA	P5	487 789	1 451,33	112,412	121,673	- 9,264	1,188	4,956	1,008	0,003
VOLKSWAGEN AG	P10	1 024 46 464	1 522,43	116,184	119,907	- 3,727	0	0	1,593	0,004
VOLVO CAR CORPORATION		203 526	1 972,99	79,703	133,278	-53,575	0	0	0,547	0
ZHAOQING XIAOPENG INVESTMENT OF NEW ENERGY CO LTD	DMD	356	2 110,19	0			0	7,5	0	
ZHEJIANG GEELY AUTOMOBILE CO LTD		26 356	1 951,74	28,051	134,035	- 105,984	0	0	0	0

Table 2

**Values relating to the performance of pools of manufacturers of new passenger cars in the calendar year 2022 in accordance with Article 9 of Regulation (EU) 2019/631**

A	B	C	D	E	F	G	H	I	J	K	L
Pool name	Pools	Total number of registrations	Average mass in running order	Average specific emissions of CO <sub>2</sub>	Specific emissions target	Distance to target	Super-credits	Super-credit cap 2022	CO <sub>2</sub> savings from eco-innovations	Error margin	WLTP specific emissions reference target
BMW	P1	635 586	1 778,76	104,942	127,461	- 22,519	0	0	1,965	0	
FORD	P2	405 993	1 559,44	113,252	122,866	- 9,616	0	0	2,628	0,002	
HYUNDAI MOTOR EUROPE	P3	432 844	1 463,07	101,377	112,585	- 11,211	0	0	1,508	0,003	
KIA	P4	434 254	1 468,54	99,848	112,449	- 12,604	0	0	1,292	0,003	
MAZDA-SUBARU-SUZUKI-TOYOTA	P5	721 891	1 425,07	114,248	118,620	- 4,378	1,677	4,956	1,311	0,006	
MERCEDES-BENZ	P6	553 888	1 873,59	111,928	126,607	- 14,686	0	0	0,796	0,007	
RENAULT-NISSAN-MITSUBISHI	P7	1 229 8 810	1 344,67	104,741	110,277	- 5,539	0	0	2,280	0,003	
STELLANTIS	P8	1 838 8 890	1 342,40	103,170	118,285	- 15,116	0	0	2,144	0,001	
TESLA-HONDA-JLR	P9	263 451	1 953,05	49,913	136,938	- 87,026	0	0	0,500	0,001	
VOLKSWAGEN	P10	2 341 8 844	1 572,56	118,502	121,575	- 3,075	0	0	1,569	0,002	119,440

Explanatory notes to Tables 1 and 2:

For all calculations underlying the values listed in these tables, only those vehicles have been considered for which both the specific emissions of CO<sub>2</sub> and the mass in running order values were reported.

For an individual manufacturer, which is member of a pool of manufacturers in the calendar year 2022, the values listed in Table 1 are those that would have applied if the manufacturer had not been a pool member.

**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 reporting authority.

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 for the calendar year 2022 in accordance with Article 10(3) of Regulation (EU) 2019/631 (small volume manufacturer).

'ND' means that a ('niche') derogation has been granted for the calendar year 2022 in accordance with Article 10(4) of Regulation (EU) 2019/631 (niche manufacturer).

'DMD' means that an '*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 the calendar year 2022.

'P' means that the manufacturer is a member of a pool of manufacturers formed pursuant to Article 6 of Regulation (EU) 2019/631 for which the pooling agreement is valid for the calendar year 2022.

**Column C:**

'Total number of registrations' means the total number of new passenger cars registered in the calendar year 2022 in the Union, Iceland and Norway for which the manufacturer (Table 1) or the members of the pool (Table 2) are responsible.

**Column D:**

'Average mass in running order' (kg) means the average of the mass in running order of the new passenger cars registered in the calendar year 2022 in the Union, Iceland and Norway 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> determined in accordance with Commission Regulation (EU) 2017/1151<sup>(1)</sup> for the new passenger cars registered in 2022 in the Union, Iceland and Norway 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>, the Commission has taken account of the following, where applicable:

- the use of super-credits (column H);
- CO<sub>2</sub> emission savings resulting from the use of eco-innovations (column J).

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<sup>(1)</sup> Commission Regulation (EU) 2017/1151 of 1 June 2017 supplementing Regulation (EC) No 715/2007 of the European Parliament and of the Council on type-approval of motor vehicles with respect to emissions from light passenger and commercial vehicles (Euro 5 and Euro 6) and on access to vehicle repair and maintenance information, amending Directive 2007/46/EC of the European Parliament and of the Council, Commission Regulation (EC) No 692/2008 and Commission Regulation (EU) No 1230/2012 and repealing Commission Regulation (EC) No 692/2008 (OJ L 175, 7.7.2017, p. 1, ELI: <http://data.europa.eu/eli/reg/2017/1151/oj>).

**Column F:**

'Specific emissions target' (g CO<sub>2</sub>/km) means the specific emissions target of the manufacturer (Table 1) or the pool of manufacturers (Table 2) calculated in accordance with Part A, point 4, of Annex I to Regulation (EU) 2019/631, or, where applicable ('D' or 'ND' in column B in Table 1), the derogation target granted pursuant to Article 10 of Regulation (EU) 2019/631.

The Worldwide Harmonised Light Vehicles Test Procedure ('WLTP') specific emissions reference target used for the calculation of the specific emissions target is the one set out in Part A of Annex II to Commission Implementing Decision (EU) 2022/2087<sup>(2)</sup> or Part A of Annex I to Commission Implementing Decision (EU) 2023/1623<sup>(3)</sup>. For pools of manufacturers listed in Table 2, with a change in their composition in the calendar year 2022, the WLTP specific emissions reference target is listed in column L in Table 2.

Where a manufacturer benefits from an exemption pursuant to Article 2(4) of Regulation (EU) 2019/631 ('DMD' in column B in Table 1), no specific emissions target applies and therefore also no 'distance to target' (column G) or 'error margin' (column K) is mentioned.

**Column G:**

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

Where the distance to target value is greater than zero, this means that the specific emissions target has been exceeded.

For a manufacturer, which is member of a pool of manufacturers ('P' in column B in Table 1), compliance with the specific emissions target is assessed only at the level of the pool.

**Column H:**

'Super-credits' (g CO<sub>2</sub>/km) means the emission credits referred to in Article 5 of Regulation (EU) 2019/631 and determined in accordance with point 4.1(g) of Commission Notice 2017/C 218/01<sup>(4)</sup>, which are to be taken into account for the calculation of the average specific emissions of CO<sub>2</sub> (column E). For determining the amount of super-credits attributed to a manufacturer or pool of manufacturers, each of its new passenger cars registered in 2022 in the Union, Iceland and Norway with specific emissions of CO<sub>2</sub> of less than 50 g CO<sub>2</sub>/km (NEDC) is counted as 1,33 passenger cars.

**Column I:**

'Super-credit cap 2022' (g CO<sub>2</sub>/km) means the maximum number of super-credits that may be used in the calendar year 2022, as calculated in accordance with Article 5 of Commission Implementing Regulation (EU) 2017/1153<sup>(5)</sup> and point 6.3 of Commission Notice 2017/C 218/01. If the calculated number of super-credits in the calendar year 2022 is higher than the 'Super-credit cap 2022', the value taken into account for the calculation (column H) is limited to this cap.

<sup>(2)</sup> Commission Implementing Decision (EU) 2022/2087 of 26 September 2022 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 2020 and informing manufacturers of the values to be used for the calculation of the specific emissions targets and derogation targets for the calendar years 2021 to 2024 pursuant to Regulation (EU) 2019/631 of the European Parliament and of the Council (OJ L 280, 28.10.2022, p. 49, ELI: [http://data.europa.eu/eli/dec\\_impl/2022/2087/oj](http://data.europa.eu/eli/dec_impl/2022/2087/oj)).

<sup>(3)</sup> Commission Implementing Decision (EU) 2023/1623 of 3 August 2023 specifying the values relating to the performance of manufacturers and pools of manufacturers of new passenger cars and new light commercial vehicles for the calendar year 2021 and the values to be used for the calculation of the specific emission targets from 2025 onwards, pursuant to Regulation (EU) 2019/631 of the European Parliament and of the Council and correcting Implementing Decision (EU) 2022/2087 (OJ L 200, 10.8.2023, p. 5, ELI: [http://data.europa.eu/eli/dec\\_impl/2023/1623/oj](http://data.europa.eu/eli/dec_impl/2023/1623/oj)).

<sup>(4)</sup> Commission Notice 2017/C 218/01 on Guidance on the monitoring and reporting of data on the registration of new light duty vehicles (OJ C 218, 7.7.2017, p. 1).

<sup>(5)</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 the regulatory test procedure and amending Regulation (EU) No 1014/2010 (OJ L 175, 7.7.2017, p. 679, ELI: [http://data.europa.eu/eli/reg\\_impl/2017/1153/oj](http://data.europa.eu/eli/reg_impl/2017/1153/oj)).

For the pools of manufacturers listed in Table 2 whose composition changed compared to the calendar year 2021, the 'Super-credit cap 2022' is calculated as the average of the 'Super-credit cap 2022' values indicated for each member of the pool in Column I of Table 1, weighted according to the total number of passenger cars with NEDC specific emissions of not more than 50 g CO<sub>2</sub>/km that were registered in the calendar year 2022 by the members of the pool.

**Column J:**

'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> (column F), which result from the use of innovative technologies that make a verified contribution to CO<sub>2</sub> reductions and that the Commission has approved in accordance with Article 11 of Regulation (EU) 2019/631. Only eco-innovations approved in relation to the WLTP emission test procedure have been taken into account. The CO<sub>2</sub> savings from eco-innovations are calculated in accordance with Article 6 of Implementing Regulation (EU) 2017/1153 and point 4.1(f) of Commission Notice 2017/C 218/01.

**Column K:**

'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 of manufacturers (Table 2) with error code B as set out in Article 6 of Commission Implementing Regulation (EU) 2021/392 <sup>(6)</sup>.

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> calculated after excluding the records with error code B;
TG2 =	specific emissions target calculated after excluding the records with error code B.

**Column L (Table 2):**

The 'WLTP specific emissions reference target' means the WLTP specific emissions reference target determined in accordance with Part A, point 3, of Annex I to Regulation (EU) 2019/631. A value is indicated only for new pools and the pools of manufacturers with a change in composition in the calendar year 2022. For the other pools of manufacturers, the WLTP specific emissions reference target is listed in Part A of Annex II to Implementing Decision (EU) 2022/2087 or Part A of Annex I to Implementing Decision (EU) 2023/1623.

<sup>(6)</sup> Commission Implementing Regulation (EU) 2021/392 of 4 March 2021 on the monitoring and reporting of data relating to CO<sub>2</sub> emissions from passenger cars and light commercial vehicles pursuant to Regulation (EU) 2019/631 of the European Parliament and of the Council and repealing Commission Implementing Regulations (EU) No 1014/2010, (EU) No 293/2012, (EU) 2017/1152 and (EU) 2017/1153 (OJ L 77, 5.3.2021, p. 8, ELI: [http://data.europa.eu/eli/reg\\_impl/2021/392/oj](http://data.europa.eu/eli/reg_impl/2021/392/oj)).

## ANNEX II

## PERFORMANCE OF MANUFACTURERS OF NEW LIGHT COMMERCIAL VEHICLES

Table 1

Values relating to the performance of individual manufacturers of new light commercial vehicles in the calendar year 2022 in accordance with Article 9 of Regulation (EU) 2019/631

A	B	C	D	E	F	G	H	I
Manufacturer name	Pools Derogations Exemptions	Total number of registrations	Average mass in running order	Average specific emissions of CO <sub>2</sub>	Specific emissions target	Distance to target	CO <sub>2</sub> savings from eco-innovations	Error margin
ADDAX MOTOR NV	DMD	85	1 163,34	0			0	
ALFA ROMEO SPA	P6	446	1 755,00	146,012	162,000	-15,988	1,241	0
ALKE SRL	DMD	147	1 147,34	0			0	
AUDI AG	P7	54	1 833,30	158,750	184,858	-26,108	2,769	0
AUTOMOBILE DACIA SA	P5	751	1 251,01	121,432	111,915	9,517	2,135	0
AUTOMOBILES CITROEN	P6	48 601	1 851,17	185,838	218,192	-32,355	0,583	0,001
AUTOMOBILES PEUGEOT	P6	110 954	1 892,23	184,649	217,999	-33,350	0,607	0
BATTSWAP INC	DMD	16	1 320,00	0			0	
BAYERISCHE MOTOREN WERKE AG	P1/DMD	46	1 797,50	141,180			2,972	
B-ON GMBH	DMD	2 511	1 847,11	0			0	
BYD AUTO INDUSTRY COMPANY LIMITED	DMD	377	1 772,93	0			0	
CENNTRO AUTOMOTIVE CORPORATION	DMD	136	1 435,55	0			0	
DFSK MOTOR CO LTD	DMD	1 280	1 186,82	136,859			0	
DR AUTOMOBILES SRL	DMD	476	2 040,00	288,000			0	
DR ING HCF PORSCHE AG	P7	3	2 285,00	219,193	230,218	-11,025	1,474	0
ESAGONO ENERGIA SRL	DMD	22	1 236,82	0			0	
ETESIA SAS	DMD	5	1 171,00	0			0	
EVUMMOTORS GMBH	DMD	155	1 601,38	0			0	
FCA US LLC	P6	2 357	2 072,38	204,939	198,593	6,346	0,388	0

A	B	C	D	E	F	G	H	I
Manufacturer name	Pools Derogations Exemptions	Total number of registrations	Average mass in running order	Average specific emissions of CO <sub>2</sub>	Specific emissions target	Distance to target	CO <sub>2</sub> savings from eco-innovations	Error margin
FORD MOTOR COMPANY OF AUSTRALIA PTY LIMITED	P2	29 795	2 337,67	250,468	233,677	16,791	0	0
FORD-WERKE GMBH	P2	122 289	1 982,81	187,308	200,635	-13,328	0,060	0,001
GARIA AS	DMD	6	942,33	0			0	
GOUPIL INDUSTRIE SAS		654	1 265,29	0	93,245	-93,245	0	0
GREAT WALL MOTOR COMPANY LIMITED	DMD	558	1 857,07	224,000			0	
HYUNDAI ASSAN OTOMOTIV SANAYI VE TICARET AS	P3/DMD	35	1 116,97	119,929			2,128	
HYUNDAI MOTOR COMPANY	P3/DMD	198	2 026,43	200,660			0,148	
HYUNDAI MOTOR MANUFACTURING CZECH SRO	P3/DMD	36	1 525,50	104,233			1,656	
ISUZU MOTORS LIMITED	D	8 613	2 157,26	240,324	249	-8,676	0	0
IVECO SPA		11 458	2 401,72	274,612	292,670	-18,080	0	0,022
JAGUAR LAND ROVER LIMITED		3 526	2 164,50	196,256	222,285	-26,029	2,530	0
KG MOBILITY CORPORATION	DMD	637	2 193,18	235,063			0	
KIA CORPORATION	P4/DMD	302	1 169,19	111,691			1,557	
KIA SLOVAKIA SRO	P4/DMD	196	1 588,82	133,508			1,625	
LIGIER GROUP	DMD	133	712,71	0			0	
LLC AUTOMOBILE PLANT GAZ	DMD	76	2 506,08	344,868			0	
LONDON EV COMPANY LIMITED	DMD	59	2 278,53	20,610			0	
MAGYAR SUZUKI CORPORATION LTD		8	1 357,38	128,377	148,449	-20,072	3,623	0
MAN TRUCK & BUS SE	P7	10 112	2 228,95	242,563	240,813	1,750	1,297	0
MAZDA MOTOR CORPORATION	DMD	6	1 694,33	147,000			0	

A	B	C	D	E	F	G	H	I
Manufacturer name	Pools Derogations Exemptions	Total number of registrations	Average mass in running order	Average specific emissions of CO <sub>2</sub>	Specific emissions target	Distance to target	CO <sub>2</sub> savings from eco-innovations	Error margin
MELEX SP ZOO	DMD	2	1 230,00	0			0	
MERCEDES-BENZ AG		111 283	2 191,48	204,725	225,594	- 20,872	0,808	0,003
MITSUBISHI MOTORS CORPORATION	P5	9	1 975,00	46,000	158,619	- 112,619	0	0
MITSUBISHI MOTORS THAILAND CO LTD	P5	6 231	2 076,22	236,963	205,339	31,624	1,285	0
NEXTEM E-MOBILITY LIMITED	DMD	40	1 320,00	0			0	
NISSAN AUTOMOTIVE EUROPE SAS	P5	16 013	1 848,27	179,315	180,4	- 1,093	1,649	0,008
OPEL AUTOMOBILE GMBH	P6	20 445	1 564,91	141,763	170,86	- 29,097	0,223	0
OZ TRUCK SRL	DMD	1	1 600,00	0			0	
PIAGGIO & C SPA	D	4 339	1 387,39	189,461	194	- 4,583	0	0,044
POLARIS SALES EUROPE SARL	DMD	520	963,40	0			0	
RENAULT SAS	P5	163 568	1 790,55	181,783	196,187	- 14,409	1,654	0,005
RENAULT TRUCKS		8 339	2 220,93	270,658	277,862	- 7,217	1,020	0,013
ROMANITAL SRL	DMD	47	1 625,74	246,021			0	
SAIC MAXUS AUTOMOTIVE CO LTD	D	3 841	2 027,65	56,509	174	- 117,491	0	0
SAIC MOTOR CORPORATION LTD		2	1 753,50	21,500	140,114	- 118,614	0	0
SEAT SA	P7	79	1 423,95	129,004	132,666	- 3,662	0,085	0
SKODA AUTO AS	P7	111	1 565,50	132,764	147,777	- 15,013	1,975	0
STELLANTIS AUTO SAS	P6	80 558	1 490,15	131,592	154,580	- 22,991	0,134	0,003
STELLANTIS EUROPE SPA	P6	73 342	1 618,64	160,964	175,359	- 14,396	1,513	0,001
STREETSCOOTER GMBH		499	1 785,75	0	143,209	- 143,209	0	0
SUZUKI MOTOR CORPORATION	D	9 469	1 164,93	172,976	174	- 1,024	0,002	0

A	B	C	D	E	F	G	H	I
Manufacturer name	Pools Derogations Exemptions	Total number of registrations	Average mass in running order	Average specific emissions of CO <sub>2</sub>	Specific emissions target	Distance to target	CO <sub>2</sub> savings from eco-innovations	Error margin
TOYOTA MOTOR EUROPE NV SA		57 217	1 872,01	179,669	204,655	- 24,989	0,510	0,003
VOLKSWAGEN AG	P7	102 843	1 926,45	184,203	192,942	- 8,739	1,408	0
VOLVO CAR CORPORATION	DMD	1 465	1 851,29	136,642			1,168	

Table 2

**Values relating to the performance of pools of manufacturers of new light commercial vehicles in the calendar year 2022 in accordance with Article 9 of Regulation (EU) 2019/631**

A	B	C	D	E	F	G	H	I	J
Pool name	Pools Exemptions	Total number of registrations	Average mass in running order	Average specific emissions of CO <sub>2</sub>	Specific emissions target	Distance to target	CO <sub>2</sub> savings from eco-innovations	Error margin	WLTP specific emissions reference target
BMW	P1/DMD	46	1 797,50	141,180			2,972		184,352
FORD	P2	152 084	2 052,33	199,682	207,047	- 7,365	0,048	0	210,991
HYUNDAI MOTOR EUROPE	P3/DMD	269	1 841,06	177,252			0,607		
KIA	P4/DMD	498	1 334,34	120,278			1,583		
RENAULT-NISSAN-MITSUBISHI	P5	186 572	1 802,88	183,164	191,362	- 8,203	1,644	0,005	
STELLANTIS	P6	336 703	1 711,71	164,453	188,903	- 24,451	0,665	0,001	
VOLKSWAGEN	P7	113 202	1 952,73	189,317	196,705	- 7,388	1,397	0	204,217

Explanatory notes to Tables 1 and 2:

For all calculations underlying the values listed in these tables, only those vehicles have been considered for which both the specific emissions of CO<sub>2</sub> and the mass in running order values were reported.

For an individual manufacturer, which is a member of a pool of manufacturers in the calendar year 2022, the values listed in Table 1 are those that would have applied if the manufacturer had not been a pool member.

**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 reporting authority.

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 for the calendar year 2022 in accordance with Article 10(3) of Regulation (EU) 2019/631 (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 the calendar year 2022;

'P' means that the manufacturer is a member of a pool of manufacturers formed pursuant to Article 6 of Regulation (EU) 2019/631 for which the pooling agreement is valid for the calendar year 2022.

**Column C:**

'Total number of registrations' means the total number of new light commercial vehicles registered in the calendar year 2022 in the Union, Iceland and Norway for which the manufacturer (Table 1) or the members of the pool (Table 2) are responsible.

**Column D:**

'Average mass in running order' (kg) means the average of the mass in running order of the new light commercial vehicles registered in the calendar year 2022 in the Union, Iceland and Norway 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> determined in accordance with Regulation (EU) 2017/1151 for all new light commercial vehicles registered in the calendar year 2022 in the Union, Iceland and Norway 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>, the Commission has taken account, where applicable, of the CO<sub>2</sub> emission savings resulting from the use of eco-innovations (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 of manufacturers (Table 2) calculated in accordance with Part B, point 4, of Annex I to Regulation (EU) 2019/631, or, where applicable ('D' in column B in Table 1), the derogation target granted pursuant to Article 10 of Regulation (EU) 2019/631.

The WLTP specific emissions reference target used for the calculation of the specific emissions target is the one set out in Part B of Annex II to Implementing Decision (EU) 2022/2087 or Part B of Annex I to Implementing Decision (EU) 2023/1623. For pools of manufacturers listed in Table 2, with a change in their composition in the calendar year 2022, the WLTP specific emissions reference target is listed in column J in Table 2.

Where a manufacturer benefits from an exemption pursuant to Article 2(4) of Regulation (EU) 2019/631 ('DMD' in column B in Table 1), no specific emissions target applies and therefore also no 'distance to target' (column G) or 'error margin' (column I) is mentioned.

**Column G:**

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

Where the distance to target value is greater than zero, this means that the specific emissions target has been exceeded.

For a manufacturer, which is member of a pool of manufacturers ('P' in column B in Table 1), compliance with the specific emissions target is assessed only 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> (column E), which result from the use of innovative technologies that make a verified contribution to CO<sub>2</sub> reductions and that the Commission has approved in accordance with Article 11 of Regulation (EU) 2019/631. Only eco-innovations approved in relation to the WLTP emission test procedure have been taken into account. The CO<sub>2</sub> savings from eco-innovations are calculated in accordance with Article 5 of Implementing Regulation (EU) 2017/1152 and point 4.1(f) of Commission Notice 2017/C 218/01.

**Column I:**

'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 of manufacturers (Table 2) with the error code B as set out in Article 6 of Implementing Regulation (EU) 2021/392.

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> calculated after excluding the records with error code B;

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

**Column J (Table 2):**

The 'WLTP specific emissions reference target' means the WLTP specific emissions reference target determined in accordance with Part B, point 3, of Annex I to Regulation (EU) 2019/631. A value is indicated only for new pools and the pools of manufacturers with a change in composition in the calendar year 2022. For the other pools of manufacturers, the WLTP specific emissions reference targets are listed in Part B of Annex II to Implementing Decision (EU) 2022/2087 or Part B of Annex I to Implementing Decision (EU) 2023/1623.