



Vehicle
Certification
Agency

VCA Final 2020 Report

CO₂ emission values per manufacturer and average specific CO₂ emissions standards for all new heavy-duty vehicles pursuant to Regulation (EU) 2019/1242

Official

1. In 2019, Regulation (EU) 2019/1242 was implemented, establishing carbon dioxide (CO₂) emission reduction targets for newly registered heavy-duty vehicles across the EU.
2. These Regulations were assimilated in the UK in 2020 through Statutory Instrument (SI) 2020 No. 1402, retaining the core elements of the regulation as they apply in the EU, and making operable in the UK.
3. The Secretary of State is required to publish each year a list in accordance with Article 11 of (EU) 2019/1242. This document fulfils this obligation.
4. From 1 July 2021, this list shall include, for each manufacturer, its average specific CO₂ emissions, its zero- and low-emission factor, its CO₂ emissions reduction trajectory, and its emission credits. It also includes the average specific CO₂ emissions of all new heavy-duty vehicles registered in the UK.
5. From 1 July 2026, the list shall also include for each manufacturer, its specific CO₂ emissions target, emission debts, and excess CO₂ emissions.
6. **Average specific CO₂ emissions per manufacturer** - The average specific CO₂ emissions per manufacturer, as referred to in Article 4 of Regulation (EU) 2019/1242, in the reporting period of the year 2020, are indicated in the second column of the table of Annex I to this Decision.
7. **Zero- and low-emission factor per manufacturer** - The zero- and low-emission factor per manufacturer, as referred to in Article 5(1) of Regulation (EU) 2019/1242, in the reporting period of the year 2020, is indicated in the third column of the table of Annex I to this list.
8. **CO₂ emission reduction trajectory and emission credits per manufacturer** - The CO₂ emission reduction trajectory and the emission credits per manufacturer, as referred to in Article 7 of Regulation (EU) 2019/1242, in the reporting period of the year 2020, are indicated in the fourth and fifth column, respectively, of the table of Annex I to this list.
9. **Average specific CO₂ of all new heavy-duty vehicles** - The average specific CO₂ emissions of all new heavy-duty vehicles registered in the European Union in the reporting period of the year 2020, as calculated by applying the formula of Annex I, point 2.7, to Regulation (EU) 2019/1242 taking into account the new heavy-duty vehicles of all manufacturers, is: **52.75 g/tkm**.
10. **Reference CO₂ emissions** - The reference CO₂ emissions referred to in Article 1, second paragraph of Regulation (EU) 2019/1242, for the period from 1 July 2019 to 30 June 2020, are indicated in Annex II to this list.
11. The average specific emissions of CO₂ of all new heavy-duty vehicles registered in the United Kingdom during the reporting period of 2020, calculated using the formula set out in point 2.7 of Annex I to Regulation (EU) 2019/1242, taking into account new heavy-duty vehicles of all manufacturers, are: **47.711 g/tkm**.

12. The report is addressed to the following manufacturers

- (1) Daf Trucks N.V,
Haddenham Business Park,
Pegasus Way,
Haddenham,
HP17 8LJ
- (2) Daimler Truck AG,
Fasanenweg 10,
70771 Leinfelden-Echterdingen,
Germany
- (3) Iveco Magirus-AG,
Nicolaus-Otto-Straße 27,
89079 Ulm
Germany
- (4) Iveco Ltd,
Phoenix House,
Phoenix Business Park,
Christopher Martin Road
Basildon,
Essex,
SS14 3EZ
- (5) MAN Truck & Bus SE,
Dachauer Straße 667,
80995 Munich,
Germany
- (6) Renault Trucks,
99 Route de Lyon,
69802 Saint Priest,
France
- (7) Scania (Great Britain) Ltd,
Delaware Drive,
Tongwell,
Milton Keynes,
MK15 8HB
- (8) Volvo Technology AB,
40508 Göteborg,
Sweden

ANNEX I

All entries refer to the reporting period of the year 2020 as defined in Article 3(3) of Regulation (EU) 2019/1242.

Manufacturer	Average specific CO₂ emissions, as referred to in Article 4 of Regulation (EU) 2019/1242, in g/tkm	Zero- and low- emission factor, as referred to in Article 5(1) of Regulation (EU) 2019/1242	CO₂ emission reduction trajectory, as referred to in Article 7 of Regulation (EU) 2019/1242, in g/tkm	Emission credits, as referred to in Article 7 of Regulation (EU) 2019/1242, in g/tkm
DAF TRUCKS NV	46.468	0.998	45.720	0.000
DAIMLER TRUCK AG	51.411	1.000	49.551	0.000
IVECO MAGIRUS-AG	52.694	1.000	50.779	0.000
IVECO LTD	32.400	0.987	30.245	0.000
MAN TRUCK & BUS SE	47.567	1.000	48.062	1488.620
RENAULT TRUCKS	51.156	0.999	49.634	0.000
SCANIA (GREAT BRITAIN) LTD	48.318	1.000	50.192	7266.112
VOLVO TRUCK CORPORATION	51.672	0.999	50.824	0.000

Annex II

Reference CO₂ emissions referred to in Article 1, second paragraph of Regulation (EU) 2019/1242:

Sub-group <i>sg</i>	<i>rCO</i>_{2sg} in g/tkm
4-UD	307.23
4-RD	197.16
4-LH	105.96
5-RD	84.00
5-LH	56.60
9-RD	110.98
9-LH	65.16
10-RD	83.26
10-LH	58.26