

Regulation (EU) 2019/1242 of the European Parliament and of the Council of 20 June 2019 setting CO<sub>2</sub> emission performance standards for new heavy-duty vehicles and amending Regulations (EC) No 595/2009 and (EU) 2018/956 of the European Parliament and of the Council and Council Directive 96/53/EC (Text with EEA relevance)

#### *Article 5*

#### **Zero- and low-emission heavy-duty vehicles**

1 Starting from 1 July 2020 and for each subsequent reporting period, the Commission shall determine for each manufacturer the zero- and low-emission factor for the preceding reporting period.

The zero- and low-emission factor shall take into account the number and the CO<sub>2</sub> emissions of zero- and low-emission heavy-duty vehicles in the manufacturer's fleet in a reporting period, including zero-emission heavy-duty vehicles referred to in the second subparagraph of Article 2(1), as well as zero- and low-emission vocational vehicles and shall be determined in accordance with point 2.3 of Annex I.

2 For the reporting periods 2019 to 2024, the zero- and low-emission heavy-duty vehicles shall be counted as follows for the purposes of paragraph 1:

- a a zero-emission heavy-duty vehicle shall be counted as two vehicles; and
- b a low-emission heavy-duty vehicle shall be counted as up to two vehicles according to a function of its specific CO<sub>2</sub> emissions and the low-emission threshold of the vehicle sub-group to which the vehicle belongs as defined in point 2.3.3 of Annex I.

The zero- and low-emission factor shall be determined in accordance with point 2.3.1 of Annex I.

3 For the reporting periods from 2025, onwards the zero- and low-emission factor shall be determined on the basis of a 2 % benchmark in accordance with point 2.3.2 of Annex I.

4 The zero- and low-emission factor shall reduce the average specific CO<sub>2</sub> emissions of a manufacturer by a maximum of 3 %. The contribution of the zero-emission heavy-duty vehicles referred to in the second subparagraph of Article 2(1) to that factor shall reduce the average specific CO<sub>2</sub> emissions of a manufacturer by a maximum of 1,5 %.

**Changes to legislation:**

There are outstanding changes not yet made to Regulation (EU) 2019/1242 of the European Parliament and of the Council. Any changes that have already been made to the legislation appear in the content and are referenced with annotations.

[View outstanding changes](#)

**Changes and effects yet to be applied to :**

- Art. 5(1) words substituted by [S.I. 2020/1402 reg. 6\(2\)](#)

**Changes and effects yet to be applied to the whole legislation item and associated provisions**

- Annex 2 Pt. 2 words inserted by [S.I. 2022/1361 reg. 16\(9\)](#)
- Art. 3(9) words inserted by [S.I. 2022/1361 reg. 16\(3\)\(a\)](#)
- Art. 3(10) substituted by [S.I. 2022/1361 reg. 16\(3\)\(b\)](#)
- Art. 3(11) words inserted by [S.I. 2022/1361 reg. 16\(3\)\(c\)\(i\)](#)
- Art. 3(11) words inserted by [S.I. 2022/1361 reg. 16\(3\)\(c\)\(ii\)](#)
- Art. 3(16)-(21) inserted by [S.I. 2022/1361 reg. 16\(3\)\(d\)](#)
- Art. 8(1)(a) sum substituted by [S.I. 2020/1402 reg. 8\(2\)\(b\)](#)
- Art. 8(1)(b) sum substituted by [S.I. 2020/1402 reg. 8\(2\)\(c\)](#)
- Art. 11(1)(a) word substituted by [S.I. 2020/1402 reg. 11\(2\)\(b\)](#)
- Art. 11(1)(b) word substituted by [S.I. 2020/1402 reg. 11\(2\)\(c\)](#)
- Art. 11(1)(d) word substituted by [S.I. 2020/1402 reg. 11\(2\)\(d\)](#)
- Art. 11(1)(f) word substituted by [S.I. 2020/1402 reg. 11\(2\)\(e\)\(i\)](#)
- Art. 11(1)(f) words substituted by [S.I. 2020/1402 reg. 11\(2\)\(e\)\(ii\)](#)
- Art. 15(2)(b) words substituted by [S.I. 2022/1361 reg. 16\(8\)\(a\)](#)
- Art. 15(2)(d) words inserted by [S.I. 2022/1361 reg. 16\(8\)\(b\)](#)
- Art. 15(2)(e) words omitted by [S.I. 2020/1402 reg. 15\(3\)](#)
- Art. 15(2)(g) words substituted by [S.I. 2022/1361 reg. 16\(8\)\(c\)](#)