Regulation (EU) 2019/1242 of the European Parliament and of the Council of 20 June 2019 setting CO2 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)

ANNEX II

Adjustment procedures

2.   ADJUSTMENT FACTORS REFERRED TO IN POINT (B) OF ARTICLE 11(2)

Subject to point (b) of Article 11(2), for the purposes of calculating the reference CO_2 emissions referred to in the second paragraph of Article 1, the mission profile weights and payload values applicable in the reporting period when the changes referred to in point (c) of Article 14(1) take effect for all new heavy-duty vehicles shall be used and the CO_2 emissions in g/km of a heavy-duty vehicle *v* determined for a mission profile *mp* referred to in point 2.1 of Annex I shall be adjusted as follows:

$$CO_{2v,mp} = CO_2(RP)_{v,mp} \times \left(\sum_r S_{r,sg} \times CO_{2\,r,mp} \right) \Big/ \left(\sum_r S_{r,sg} \times CO_2(RP)_{r,mp} \right)$$

where:

$\sum_r$	is the sum over all representative vehicles *r* for the vehicle sub-group *sg*;
sg	is the vehicle sub-group to which the vehicle *v* belongs;
$s_{r,sg}$	is the statistical weight of the representative vehicle *r* in the vehicle sub-group *sg*;
$CO_2(RP)_{v,mp}$	is the specific CO_2 emissions of vehicle *v* in g/km, as determined on mission profile *mp* and based on the monitoring data of the reference period as reported in accordance with Regulation (EU) 2018/956;
$CO_2(RP)_{r,mp}$	is the specific CO_2 emissions of the representative vehicle *r* in g/km, as determined on mission profile *mp* in accordance with Regulation (EC) No 595/2009 and its implementing measures in the reference period when $CO_2(RP)_{v,mp}$ was determined;
$CO2_{r,mp}$	is the specific CO_2 emissions of the representative vehicle *r*, as determined on mission profile *mp* in accordance with Regulation (EC) No 595/2009 and its implementing measures in the reporting period when the changes referred to in Article 14(2) of this Regulation take effect for all new heavy-duty vehicles.

The representative vehicle r shall be defined in accordance with the methodology referred to in Article 14(3) of this Regulation.

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 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)