

Changes to legislation: There are outstanding changes not yet made to Commission Regulation (EU) No 582/2011. Any changes that have already been made to the legislation appear in the content and are referenced with annotations. (See end of Document for details) [View outstanding changes](#)

ANNEX I

ADMINISTRATIVE PROVISIONS FOR EC TYPE-APPROVAL

Changes to legislation: There are outstanding changes not yet made to Commission Regulation (EU) No 582/2011. Any changes that have already been made to the legislation appear in the content and are referenced with annotations. (See end of Document for details) View outstanding changes

Appendix 10

Explanatory notes

- (1) Delete where not applicable (there are cases where nothing needs to be deleted when more than one entry is applicable).
- (2) Specify the tolerance.
- (3) Please fill in here the upper and lower values for each variant.
- (4) To be documented in case of a single OBD engine family and if not already documented in the documentation package(s) referred to in line 3.2.12.2.7.0.4.
- [^{F1}(5) Value for the combined WHTC including cold and hot part in accordance with Annex VIII to this Regulation.]

Textual Amendments

F1 Substituted by [Commission Regulation \(EU\) No 133/2014 of 31 January 2014 amending, for the purposes of adapting to technical progress as regards emission limits, Directive 2007/46/EC of the European Parliament and of the Council, Regulation \(EC\) No 595/2009 of the European Parliament and of the Council and Commission Regulation \(EU\) No 582/2011 \(Text with EEA relevance\).](#)

- (6) To be documented if not documented in the documentation referred to in point 3.2.12.2.7.1.1.
- (7) Delete as appropriate.
- (8) Information concerning engine performance shall only be given for the parent engine.
- (9) Specify the tolerance; to be within ± 3 % of the values declared by the manufacturer.
- [^{F2}(10) In the case of engines included in points 1.1.3. and 1.1.6. of Annex I to this Regulation, repeat the information for all fuels tested, where applicable.]

Textual Amendments

F2 Inserted by [Commission Regulation \(EU\) No 133/2014 of 31 January 2014 amending, for the purposes of adapting to technical progress as regards emission limits, Directive 2007/46/EC of the European Parliament and of the Council, Regulation \(EC\) No 595/2009 of the European Parliament and of the Council and Commission Regulation \(EU\) No 582/2011 \(Text with EEA relevance\).](#)

- (a) If the means of identification of type contains characters not relevant to describe the vehicle, component or separate technical unit types covered by this information document, such characters shall be represented in the documentation by the symbol ‘?’ (e.g. ABC?123??).
- (b) Classified according to definitions listed in Section A of Annex II to Directive 2007/46/EC.
- [^{F2}(d) Dual-fuel engines.
- (d1) In case of a dual-fuel engine or vehicle.
- (d2) In the case of dual-fuel engines of Type 1B, Type 2B and Type 3B.

Changes to legislation: There are outstanding changes not yet made to Commission Regulation (EU) No 582/2011. Any changes that have already been made to the legislation appear in the content and are referenced with annotations. (See end of Document for details) [View outstanding changes](#)

- (d3) Except for dual-fuel engines or vehicles.
- (d4) In the cases laid down in Table 1 of Annex 15 to UNECE Regulation No 49 for dual-fuel, and in Annex I to Regulation (EC) No 595/2009 for positive ignition engines.
- (d5) In the case of dual-fuel engines of Type 1B, Type 2B, and Type 3B, repeat the information in both dual-fuel and diesel mode.]
- (l) This figure shall be rounded off to the nearest tenth of a millimetre.
- (m) This value shall be calculated and rounded off to the nearest cm³.
- (n) Determined in accordance with the requirements of Annex XIV.

Changes to legislation:

There are outstanding changes not yet made to Commission Regulation (EU) No 582/2011. 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

- Signature words omitted by [S.I. 2022/1273 reg. 65\(19\)](#)
- Annex list words substituted by [S.I. 2022/1273 reg. 65\(20\)](#)
- Annex 1 Appendix 4Pt. 3 omitted by [S.I. 2022/1273 reg. 66\(3\)\(g\)](#)
- Annex 1 Appendix 8 image substituted by [S.I. 2022/1273 reg. 66\(7\)\(b\)](#)
- Annex 1 Appendix 4Pt. 1 table words inserted by [S.I. 2022/1273 reg. 66\(3\)\(e\)\(i\)](#)
- Annex 1 Appendix 4Pt. 2 table words inserted by [S.I. 2022/1273 reg. 66\(3\)\(f\)\(i\)](#)
- Annex 1 Appendix 4 words omitted by [S.I. 2022/1273 reg. 66\(3\)\(b\)](#)
- Annex 1 Appendix 4 words omitted by [S.I. 2022/1273 reg. 66\(3\)\(c\)\(ii\)\(bb\)](#)
- Annex 1 Appendix 4 words omitted by [S.I. 2022/1273 reg. 66\(3\)\(c\)\(iii\)\(aa\)](#)
- Annex 1 Appendix 4 table words omitted by [S.I. 2022/1273 reg. 66\(3\)\(d\)\(i\)](#)
- Annex 1 Appendix 4 words omitted by [S.I. 2022/1273 reg. 66\(3\)\(d\)\(iii\)](#)
- Annex 1 Appendix 8 words omitted by [S.I. 2022/1273 reg. 66\(7\)\(c\)](#)
- Annex 1 Appendix 1 point 2.2 words omitted by [S.I. 2022/1273 reg. 66\(10\)\(e\)](#)
- Annex 1 Appendix 4 words substituted by [S.I. 2022/1273 reg. 66\(3\)\(a\)](#)
- Annex 1 Appendix 4 words substituted by [S.I. 2022/1273 reg. 66\(3\)\(c\)\(i\)](#)
- Annex 1 Appendix 4 words substituted by [S.I. 2022/1273 reg. 66\(3\)\(c\)\(ii\)\(aa\)](#)
- Annex 1 Appendix 4 words substituted by [S.I. 2022/1273 reg. 66\(3\)\(c\)\(iii\)\(bb\)](#)
- Annex 1 Appendix 4 table words substituted by [S.I. 2022/1273 reg. 66\(3\)\(d\)\(ii\)](#)
- Annex 1 Appendix 4Pt. 1 table words substituted by [S.I. 2022/1273 reg. 66\(3\)\(e\)\(ii\)](#)
- Annex 1 Appendix 4Pt. 2 table words substituted by [S.I. 2022/1273 reg. 66\(3\)\(f\)\(ii\)](#)
- Annex 1 Appendix 5 heading words substituted by [S.I. 2022/1273 reg. 66\(4\)\(a\)](#)
- Annex 1 Appendix 5 words substituted by [S.I. 2022/1273 reg. 66\(4\)\(a\)](#)
- Annex 1 Appendix 5s. 2 point 000.5 words substituted by [S.I. 2022/1273 reg. 66\(4\)\(b\)](#)
- Annex 1 Appendix 6 heading words substituted by [S.I. 2022/1273 reg. 66\(5\)\(a\)](#)
- Annex 1 Appendix 6 heading words substituted by [S.I. 2022/1273 reg. 66\(5\)\(b\)](#)
- Annex 1 Appendix 6 heading words substituted by [S.I. 2022/1273 reg. 66\(5\)\(c\)](#)
- Annex 1 Appendix 7 heading words substituted by [S.I. 2022/1273 reg. 66\(6\)](#)
- Annex 1 Appendix 7 words substituted by [S.I. 2022/1273 reg. 66\(6\)](#)
- Annex 1 Appendix 7 Addendum words substituted by [S.I. 2022/1273 reg. 66\(6\)](#)
- Annex 1 Appendix 8 heading words substituted by [S.I. 2022/1273 reg. 66\(7\)\(a\)](#)
- Annex 1 Appendix 9 heading words substituted by [S.I. 2022/1273 reg. 66\(8\)](#)
- Annex 1 Appendix 9 words substituted by [S.I. 2022/1273 reg. 66\(8\)](#)
- Annex 1 Appendix 10 words substituted by [S.I. 2022/1273 reg. 66\(9\)](#)
- Annex 10 Appendix 5 point 2.4.1 words omitted by [S.I. 2022/1273 reg. 66\(12\)\(f\)\(i\)](#)
- Annex 10 Appendix 5 point 6 heading words omitted by [S.I. 2022/1273 reg. 66\(12\)\(f\)\(iii\)](#)
- Annex 10 Appendix 5 point 6 words omitted by [S.I. 2022/1273 reg. 66\(12\)\(f\)\(iii\)](#)
- Annex 10 Appendix 5 point 5.2.4 words substituted by [S.I. 2022/1273 reg. 66\(12\)\(f\)\(ii\)](#)
- Annex 11 Appendix 1 point 2-2.3 omitted by [S.I. 2022/1273 reg. 66\(13\)\(k\)\(ii\)](#)
- Annex 11 Appendix 2 words inserted by [S.I. 2022/1273 reg. 66\(13\)\(l\)\(ii\)](#)
- Annex 11 Appendix 1 point 000.7 words substituted by [S.I. 2022/1273 reg. 66\(13\)\(k\)\(i\)](#)
- Annex 11 Appendix 2 words substituted by [S.I. 2022/1273 reg. 66\(13\)\(l\)\(i\)](#)
- Annex 11 Appendix 2 words substituted by [S.I. 2022/1273 reg. 66\(13\)\(l\)\(iii\)](#)
- Annex 11 Appendix 3 point 2.4.2.11 words substituted by [S.I. 2022/1273 reg. 66\(13\)\(m\)\(i\)](#)

- Annex 11 Appendix 3 point 2.4.6.5 words substituted by S.I. 2022/1273 reg. 66(13)(m)(ii)
- Art. 2(44) omitted by S.I. 2022/1273 reg. 65(2)
- Art. 5(4)(d) omitted by S.I. 2022/1273 reg. 65(6)(c)
- Art. 5(4)(g) omitted by S.I. 2022/1273 reg. 65(6)(c)
- Art. 6(1a)(a) words substituted by S.I. 2022/1273 reg. 65(7)(c)(ii)
- Art. 6(1a)(b) omitted by S.I. 2022/1273 reg. 65(7)(c)(iii)
- Art. 7(4)(c) omitted by S.I. 2022/1273 reg. 65(8)(c)
- Art. 7(4)(d) omitted by S.I. 2022/1273 reg. 65(8)(c)
- Art. 8(1a)(a) word substituted by S.I. 2022/1273 reg. 65(9)(d)(i)
- Art. 8(1a)(b) omitted by S.I. 2022/1273 reg. 65(9)(d)(ii)
- Art. 8(1a)(e) words substituted by S.I. 2022/1273 reg. 65(9)(d)(iii)
- Art. 10(1a)(a) word substituted by S.I. 2022/1273 reg. 65(11)(a)
- Art. 10(1a)(b) omitted by S.I. 2022/1273 reg. 65(11)(d)(ii)
- Art. 10(1a)(e) words substituted by S.I. 2022/1273 reg. 65(11)(d)(iii)