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## ANNEX XIII U.K.

### REQUIREMENTS TO ENSURE THE CORRECT OPERATION OF NO<sub>x</sub> CONTROL MEASURES

#### 1. INTRODUCTION U.K.

This Annex sets out the requirements to ensure the correct operation of NO<sub>x</sub> control measures. It includes requirements for vehicles that rely on the use of a reagent in order to reduce emissions.

#### [<sup>F1</sup>2. GENERAL REQUIREMENTS U.K.

The general requirements shall be those set out in paragraph 2 of Annex 11 to Regulation UNECE Regulation No 49, with the exceptions provided for in paragraphs 2.1 to 2.1.5 of this Regulation.

#### 2.1. Alternative approval] U.K.

[<sup>F2</sup>2.1.1. If requested by the manufacturer, for vehicles of categories M<sub>2</sub> and N<sub>1</sub>, for vehicles of categories M<sub>1</sub> and N<sub>2</sub> with a maximum permissible mass not exceeding 7,5 tonnes and for vehicles of categories M<sub>3</sub> Class I, Class II and Class A and Class B as defined in Annex I to Directive 2001/85/EC with a permissible mass not exceeding 7,5 tonnes, compliance with the requirements set out in Annex XVI to Regulation (EC) No 692/2008 shall be considered equivalent to the compliance with this Annex.

#### 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 \(Text with EEA relevance\).](#)

2.1.2. If the alternative approval is used:

2.1.2.1. The information related to the correct operation of NO<sub>x</sub> control measures in points 3.2.12.2.8.1 to 3.2.12.2.8.5 of Part 2 of Appendix 4 to Annex I to this Regulation is replaced by the information in point 3.2.12.2.8 of Appendix 3 of Annex I to Regulation (EC) No 692/2008.

2.1.2.2. The following exceptions shall apply regarding the application of the requirements set out in Annex XVI to Regulation (EC) No 692/2008 and those of this Annex:

2.1.2.2.1. [<sup>F3</sup>The provisions on reagent quality monitoring set out in points 7 to 7.1.3 of this Annex shall apply, instead of points 4.1 and 4.2 of Annex XVI to Regulation (EC) No 692/2008.

2.1.2.2.2. The provisions on reagent consumption monitoring and dosing activity set out in points 8, 8.1 and 8.1.1 of this Annex shall apply, instead of points 5 to 5.5 of Annex XVI to Regulation (EC) No 692/2008.]

2.1.2.2.3. The driver warning system referred to in Sections 4, 7 and 8 of this Annex shall be understood as the driver warning system in Section 3 of Annex XVI to Regulation (EC) No 692/2008.

2.1.2.2.4. Section 6 of Annex XVI to Regulation (EC) No 692/2008 shall not apply.

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2.1.2.2.5. The provisions set out in point 5.2 of this Annex shall apply, in the case of vehicles for use by the rescue services, or engines or vehicles specified in Article 2(3)(b) of Directive 2007/46/EC.

**Textual Amendments**

**F3** Substituted by Commission Regulation (EU) 2016/1718 of 20 September 2016 amending Regulation (EU) No 582/2011 with respect to emissions from heavy-duty vehicles as regards the provisions on testing by means of portable emission measurement systems (PEMS) and the procedure for the testing of the durability of replacement pollution control devices (Text with EEA relevance).

2.1.3. Paragraph 2.2.1 of Annex 11 to UNECE Regulation No 49 shall be understood as follows:

2.2.1. Information that fully describes the functional operational characteristics of an engine system covered by this Annex shall be provided by the manufacturer in the form set out in Appendix 4 of Annex I to this Regulation.

2.1.4. The first paragraph of point 2.2.4 of Annex 11 to UNECE Regulation No 49 shall be understood as follows:

2.2.4. When a manufacturer applies for an approval of an engine or engine family as a separate technical unit, it shall include in the documentation package referred to in Articles 5(3), 7(3) or 9(3) of this Regulation, the appropriate requirements that will ensure that the vehicle, when used on the road or elsewhere as appropriate, will comply with the requirements set out in this Annex. This documentation shall include the following:

2.1.5. Paragraph 2.3.1 of Annex 11 to UNECE Regulation No 49 shall be understood as follows:

2.3.1. Any engine system falling within the scope of this Annex shall retain its emission control function during all conditions regularly pertaining in the territory of the Union, especially at low ambient temperatures, in line with Annex VI to this Regulation.]

**F<sup>4</sup>2.2. Required information U.K.**

2.2.1. ....

2.2.2. ....

2.2.3. ....

2.2.4. ....

**Textual Amendments**

**F4** Deleted 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).

**F<sup>4</sup>2.3. Operating conditions U.K.**

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2.3.1. ....

2.3.2. ....

<sup>F4</sup>2.4. **Reagent freeze protection** U.K.

2.4.1. <sup>F4</sup>.....

2.4.1.1. ....

2.4.2. *Heated reagent tank and dosing system* U.K.

2.4.2.1. ....

2.4.2.2. *Demonstration* U.K.

2.4.2.2.1.....

2.4.2.2.2.....

2.4.2.2.3.....

2.4.2.2.4.....

2.4.3. *Non-heated reagent tank and dosing system* U.K.

2.4.3.1. ....

2.4.3.2. ....

<sup>F4</sup>2.5. ....

**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).

3. **MAINTENANCE REQUIREMENTS** U.K.

[<sup>F1</sup>3.1. The maintenance requirements shall be those set out in paragraph 3 of Annex 11 to UNECE Regulation No 49.]

<sup>F4</sup>3.2. ....

<sup>F4</sup>3.3. ....

<sup>F4</sup>3.4. ....

<sup>F4</sup>3.5. ....

<sup>F4</sup>3.6. ....

<sup>F4</sup>3.7. ....

4. **DRIVER WARNING SYSTEM** U.K.

*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*

[<sup>F1</sup>4.1. The characteristics and operation of the driver warning system shall be those set out in paragraph 4 of Annex 11 to UNECE Regulation No 49, with the exceptions provided for in point 4.1.1 of this Regulation.]

[<sup>F2</sup>4.1.1. Paragraph 4.8 of Annex 11 to UNECE Regulation No 49 shall be understood as follows:

4.8. A facility to permit the driver to dim the visual alarms provided by the warning system may be provided on vehicles for use by the rescue services or on vehicles in the categories defined in point (b) of Article 2(3) of Directive 2007/46/EC.]

<sup>F4</sup>4.2. ....

<sup>F4</sup>4.3. ....

<sup>F4</sup>4.4. ....

<sup>F4</sup>4.5. ....

<sup>F4</sup>4.6. ....

<sup>F4</sup>4.7. ....

<sup>F4</sup>4.8. ....

<sup>F4</sup>4.9. ....

<sup>F4</sup>4.10. ....

5. DRIVER INDUCEMENT SYSTEM **U.K.**

[<sup>F1</sup>5.1. The characteristics and operation of the driver inducement system shall be those set out in paragraph 5 of Annex 11 to UNECE Regulation No 49, with the exceptions provided for in point 5.1.1 of this Regulation.]

[<sup>F2</sup>5.1.1. Paragraph 5.2 of Annex 11 to UNECE Regulation No 49 shall be understood as follows:

5.2. The requirement for a driver inducement system shall not apply to engines or vehicles for use by the rescue services or to engines or vehicles specified in point (b) of Article 2(3) of Directive 2007/46/EC. Permanent deactivation of the driver inducement system shall only be done by the engine or vehicle manufacturer.]

<sup>F4</sup>5.2. ....

<sup>F4</sup>5.3. **Low-level inducement system** **U.K.**

.....

<sup>F4</sup>5.4. **Severe inducement system** **U.K.**

[<sup>F4</sup>.....

5.4.1. ....

5.4.2. ....

5.4.3. ....

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- 5.4.4. ....
- <sup>F4</sup>5.5. <sup>F4</sup>.....]
- 5.5.1. ....
- <sup>F4</sup>5.6. ....
- <sup>F4</sup>5.7. ....
- <sup>F4</sup>5.8. ....
6. REAGENT AVAILABILITY **U.K.**
- [<sup>F1</sup>6.1. The measures regarding reagent availability shall be those set out in paragraph 6 of Annex 11 to UNECE Regulation No 49.]
- <sup>F4</sup>6.2. **Activation of the driver warning system** **U.K.**
- 6.2.1. ....
- 6.2.2. ....
- 6.2.3. ....
- 6.2.4. ....
- 6.2.5. ....
- <sup>F4</sup>6.3. **Activation of the driver inducement system** **U.K.**
- 6.3.1. ....
- 6.3.2. ....
- 6.3.3. ....
7. REAGENT QUALITY MONITORING **U.K.**
- [<sup>F1</sup>7.1. The measures regarding reagent quality monitoring shall be those set out in paragraph 7 of Annex 11 to UNECE Regulation No 49, with the exceptions provided for in points 7.1.1, 7.1.2 and 7.1.3 of this Regulation.
- 7.1.1. Paragraph 7.1.1 of Annex 11 to UNECE Regulation No 49 shall be understood as follows:
- 7.1.1. The manufacturer shall specify a minimum acceptable reagent concentration  $CD_{min}$ , which results in tailpipe emissions not exceeding the limit values specified in Annex I to Regulation (EC) No 595/2009.]
- <sup>F4</sup>7.1.1.1. ....
- <sup>F4</sup>7.1.1.2. ....
- [<sup>F1</sup>7.1.2. Paragraph 7.1.1.1 of Annex 11 to UNECE Regulation No 49 shall be understood as follows:
- 7.1.1.1. During the phase-in period specified in Article 4(7) of this Regulation and upon request of the manufacturer for the purpose of point 7.1, the reference to the  $NO_x$

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emission limit specified in Annex I to Regulation (EC) No595/2009 shall be replaced by the value of 900mg/kWh.

7.1.3. Paragraph 7.1.1.2 of Annex 11 to UNECE Regulation No 49 shall be understood as follows:

7.1.1.2. The correct value of  $CD_{min}$  shall be demonstrated during type-approval by the procedure provided for in Appendix 6 of Annex 11 to UNECE Regulation No 49 and recorded in the extended documentation package as specified in Article 3 and Section 8 of Annex I to this Regulation.]

<sup>F4</sup>7.1.4. ....

<sup>F4</sup>7.1.5. ....

<sup>F4</sup>7.2. **Activation of the driver warning system** U.K.

.....

<sup>F4</sup>7.3. **Activation of the driver inducement system** U.K.

7.3.1. ....

7.3.2. ....

7.3.3. ....

[<sup>F3</sup>8. **REAGENT CONSUMPTION AND DOSING ACTIVITY** U.K.

8.1. The measures regarding reagent consumption monitoring and dosing activity shall be those set out in paragraph 8 of Annex 11 to UN/ECE Regulation No 49.]

[<sup>F2</sup>8.1.1. Paragraph 8.4.1.1 of Annex 11 to UNECE Regulation No 49 shall be understood as follows:

8.4.1.1. Until the end of the phase-in period specified in Article 4(7) of this Regulation, the driver warning system described in Section 4 of Annex 11 to UNECE Regulation No 49 shall be activated if a deviation of more than 50 % between the average reagent consumption and the average demanded reagent consumption by the engine system over the period to be defined by the manufacturer, which shall not be longer than the maximum period specified in paragraph 8.3.1 of Annex 11 to UNECE Regulation No 49, is detected.]

<sup>F4</sup>8.2. **Reagent consumption and dosing activity counters** U.K.

8.2.1. ....

8.2.2. ....

8.2.3. ....

<sup>F4</sup>8.3. **Monitoring conditions** U.K.

8.3.1. ....

8.3.2. ....

<sup>F4</sup>8.4. **Activation of the driver warning system** U.K.

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8.4.1.	<sup>F4</sup> .....
8.4.1.1.	.....
8.4.2.	.....
<sup>F4</sup> 8.5.	<b>Activation of the driver inducement system</b> U.K.
8.5.1.	.....
8.5.2.	.....
8.5.3.	.....
9.	<b>MONITORING FAILURES THAT MAY BE ATTRIBUTED TO TAMPERING</b> U.K.
[ <sup>F1</sup> 9.1.	The measures regarding monitoring failures that may be attributed to tampering shall be those set out in paragraph 6 of Annex 11 to UNECE Regulation No 49.]
<sup>F4</sup> 9.2.	<b>Monitoring requirements</b> U.K.
9.2.1.	.....
9.2.2.	<i>EGR valve counter</i> U.K.
9.2.2.1.	.....
9.2.2.2.	.....
9.2.2.3.	.....
9.2.3.	<i>Monitoring system counters</i> U.K.
9.2.3.1.	.....
9.2.3.2.	.....
9.2.3.3.	.....
<sup>F4</sup> 9.3.	<b>Activation of the driver warning system</b> U.K.
.....	.....
<sup>F4</sup> 9.4.	<b>Activation of the driver inducement system</b> U.K.
9.4.1.	.....
9.4.2.	.....
9.4.3.	.....
[ <sup>F2</sup> 10.	<b>DUAL-FUEL ENGINES AND VEHICLES</b> U.K.

The requirements to ensure the correct operation of NO<sub>x</sub> control measures of dual-fuel engines and vehicles shall be those set out in paragraph 8 of Annex 15 to UNECE Regulation No 49, with the exceptions provided for in point 10.1 of this Regulation:

- 10.1. Paragraph 8.1 of Annex 15 to UNECE Regulation No 49 shall be understood as follows:

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- 8.1. Sections 1 to 9 of this Annex shall apply to HDDF engines and vehicles, whether operating in dual-fuel or diesel mode.
11. POINT (C) OF PARAGRAPH A.1.4.3 OF APPENDIX 1 TO ANNEX 11 OF UNECE REGULATION NO 49 SHALL BE UNDERSTOOD AS FOLLOWS:
- (c) The achievement of the torque reduction required for low-inducement may be demonstrated at the same time as the general engine performance approval process performed in accordance with this Regulation. Separate torque measurement during the inducement system demonstration is not required in this case. The speed limitation required for severe inducement shall be demonstrated in accordance with the requirements set out in Section 5 of this Annex.
12. THE FIRST AND SECOND PARAGRAPHS OF APPENDIX 4 OF ANNEX 11 TO UNECE REGULATION 49 SHALL BE UNDERSTOOD AS FOLLOWS:

This Appendix applies when the vehicle manufacturer requests EC type-approval of a vehicle with an approved engine with regard to emissions and access to vehicle repair and maintenance information in accordance with Regulation (EC) No 595/2009 and this Regulation.

In this case, and in addition to the installation requirements set out in Annex I to this Regulation, a demonstration of the correct installation is required. This demonstration shall be performed by the presentation to the approval authority of a technical case using evidence, such as engineering drawings, functional analyses, and the results of previous tests.]



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<sup>F4</sup>Appendix 1 U.K.

**Demonstration requirements**

1. GENERAL U.K.

1.1. ....

1.2. ....

2. ENGINE FAMILIES OR OBD ENGINE FAMILIES U.K.

<sup>F4</sup> .....

2.1. ....

2.2. ....

2.3. ....

3. DEMONSTRATION OF THE WARNING SYSTEM ACTIVATION U.K.

3.1. ....

3.2. Selection of the failures to be tested U.K.

3.2.1. ....

3.2.2. <sup>F4</sup> .....

3.2.2.1. ....

3.2.3. ....

3.3. Demonstration U.K.

3.3.1. ....

3.3.2. ....

3.3.3. ....

3.3.4. ....

3.3.5. <sup>F4</sup> .....

3.3.5.1. ....

3.3.6. <sup>F4</sup> .....

3.3.6.1. ....

3.3.6.2. ....

3.4. ....

3.5. ....

4. DEMONSTRATION OF THE INDUCEMENT SYSTEM U.K.

4.1. <sup>F4</sup> .....

4.1.1. ....

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4.1.2. ....

4.2. ....

4.3. ....

4.4. <sup>F4</sup> .....

4.4.1. ....

4.5. **Demonstration test of the low-level inducement system** U.K.

4.5.1. ....

4.5.2. <sup>F4</sup> .....

4.5.2.1. ....

4.5.3. ....

4.5.4. ....

4.6. **Demonstration test of the severe inducement system** U.K.

4.6.1. ....

4.6.2. <sup>F4</sup> .....

4.6.2.1. ....

4.6.3. ....

4.6.4. ....

5. **DEMONSTRATION OF THE VEHICLE SPEED LIMITATION FOLLOWING ACTIVATION OF THE SEVERE INDUCEMENT SYSTEM** U.K.

5.1. <sup>F4</sup> .....

5.1.1. ....

5.2. ....

5.3. ....

5.4. **Additional demonstration for confirming the effect of activation of the severe inducement system on a vehicle** U.K.

5.4.1. ....

5.4.2. ....

5.4.3. ....

5.4.4. ....

5.4.5. ....

5.4.6. ....

5.4.7. ....

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<sup>F4</sup>Appendix 2 U.K.

**Description of the driver warning and inducement activation and deactivation mechanisms**

1. ....
2. **ACTIVATION AND DEACTIVATION MECHANISMS OF THE DRIVER WARNING SYSTEM** U.K.
  - 2.1. <sup>F4</sup> .....
  - <sup>F4</sup> .....
  - 2.1.1. ....
  - 2.2. <sup>F4</sup> .....
  - 2.2.1 *Erasing of failure information by means of a scan-tool* U.K.
    - 2.2.1.1. ....
    - 2.2.1.2. ....
    - 2.2.1.3. ....
3. **ACTIVATION AND DEACTIVATION MECHANISM OF THE DRIVER INDUCEMENT SYSTEM** U.K.
  - 3.1. ....
  - 3.2. ....
  - 3.3. ....
4. **COUNTER MECHANISM** U.K.
  - 4.1. **General** U.K.
    - 4.1.1. ....
    - 4.1.2. ....
    - 4.1.3. <sup>F4</sup> .....
    - <sup>F4</sup> .....
    - 4.1.3.1. ....
  - 4.2. **Principle of counter mechanisms** U.K.
    - 4.2.1. ....
5. **ILLUSTRATION OF THE ACTIVATION AND DEACTIVATION AND COUNTER MECHANISMS** U.K.
  - 5.1. ....
  - 5.2. ....
  - 5.3. ....

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5.4. ....

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F<sup>4</sup>Appendix 3 **U.K.**

**Low-level inducement torque reduction scheme**

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<sup>F4</sup>Appendix 4 **U.K.**

**Demonstration of correct installation on a vehicle in the case of engines EC type-approved as a separate technical unit**

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<sup>F4</sup>Appendix 5 U.K.

**Access to ‘NO<sub>x</sub> control information’**

1. ....

2. ACCESS METHODS U.K.

2.1. ....

2.2. ....

2.3. ....

2.4. ....

2.5. ....

3. INFORMATION CONTENT U.K.

3.1. The ‘NO<sub>x</sub> control information’ shall contain at least the following information: U.K.

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[<sup>F1</sup>Appendix 6 U.K.]

**Demonstration of the minimum acceptable reagent quality  $CD_{min}$**

1. The manufacturer shall demonstrate the minimum acceptable reagent quality  $CD_{min}$  during type-approval in accordance with the provisions set out in Appendix 6 of Annex 11 to UNECE Regulation No 49, with the exceptions provided for in point 1.1 of this Appendix: U.K.
- 1.1. Point A.6.3 shall be understood as follows:
  - A.6.3. The pollutant emissions resulting from this test shall be lower than the emission limits specified in paragraphs 7.1.1. and 7.1.1.1. of this Annex]



### Changes to legislation:

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

- Annex 13 Point 12 para. 2 replacement by [EUR 2019/1939 Regulation](#) (This amendment by the EU not applied to legislation.gov.uk because it is brought into force after IP completion day.)
- Annex 13 point 2.1.2.2.5 words inserted by [S.I. 2022/1273 reg. 66\(14\)\(b\)\(i\)](#)
- Annex 13 point 2.1.5 words inserted by [S.I. 2022/1273 reg. 66\(14\)\(c\)](#)
- Annex 13 point 12 words omitted by [S.I. 2022/1273 reg. 66\(14\)\(e\)\(ii\)](#)
- Annex 13 point 2.1.1 words substituted by [S.I. 2022/1273 reg. 66\(14\)\(a\)](#)
- Annex 13 point 2.1.2.2.5 words substituted by [S.I. 2022/1273 reg. 66\(14\)\(b\)\(ii\)](#)
- Annex 13 point 4.1.1 words substituted by [S.I. 2022/1273 reg. 66\(14\)\(d\)](#)
- Annex 13 point 5.1.1 words substituted by [S.I. 2022/1273 reg. 66\(14\)\(d\)](#)
- Annex 13 point 12 words substituted by [S.I. 2022/1273 reg. 66\(14\)\(e\)\(i\)](#)

#### 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)