

Regulation (EC) No 79/2009 of the European Parliament and of the Council of 14 January 2009 on type-approval of hydrogen-powered motor vehicles, and amending Directive 2007/46/EC (Text with EEA relevance)

Article 1	Subject matter
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	Signature

ANNEX I

List of hydrogen components to be type-approved

Where fitted to a hydrogen-powered vehicle, the following hydrogen components...
components designed to use liquid hydrogen: container;
automatic shut-off valve;...

ANNEX II

Applicable test procedures for hydrogen containers designed to use liquid hydrogen

The test procedures to be applied for the type-approval of...
Burst test: the purpose of the test is to provide...

Changes to legislation: There are outstanding changes not yet made to Regulation (EC) No 79/2009 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. (See end of Document for details) View outstanding changes

ANNEX III

Applicable test procedures for hydrogen components,
other than containers, designed to use liquid hydrogen

Subject to specific requirements in relation to any of the...
Pressure test: the purpose of the test is to provide...

ANNEX IV

Applicable test procedures for hydrogen containers
designed to use compressed (gaseous) hydrogen

1. Classification of hydrogen containers designed to use compressed (gaseous) hydrogen:...
2. The test procedures to be applied for the type-approval of...

ANNEX V

Applicable test procedures for hydrogen components, other than
containers, designed to use compressed (gaseous) hydrogen

1. Material tests:
2. Corrosion resistance test set out in point (e) of Annex III.
3. Endurance test set out in point (c) of Annex III.
4. Pressure cycle test set out in point (i) of Annex III. The...
5. Internal leakage test: the purpose of the test is to...
6. External leakage test set out in point (b) of Annex III.

ANNEX VI

Requirements for the installation of hydrogen components and systems

1. The hydrogen system must be installed in such a way...
2. The hydrogen container may only be removed for replacement with...
3. Measures must be taken to prevent misfuelling of the vehicle...
4. The refuelling connection or receptacle must be secured against maladjustment...
5. The hydrogen container must be mounted and fixed so that...
6. The hydrogen fuel supply lines must be secured with an...

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7. In the event of an accident, the automatic shut-off valve...
8. Hydrogen components, including any protective materials that form part of...
9. The hydrogen system must be installed in such a way...
10. Hydrogen components must not be located near the exhaust of...
11. The ventilating or heating system for the passenger compartment and...
12. In the event of an accident, it must be ensured...
13. The passenger compartment of the vehicle must be separated from...
14. Hydrogen components that could leak hydrogen within the passenger or...
15. Electrically operated devices containing hydrogen must be insulated in such...
16. Labels or other means of identification must be used to...

ANNEX VII

Amendments to Directive 2007/46/EC

1. In Part I of Annex IV, the following row shall be...
2. In the Appendix to Part I of Annex IV, the following...
3. In the Appendix to Annex VI, the following row shall be...
4. In Appendix 1 to Annex XI, the following row shall be added...
5. In Appendix 2 to Annex XI, the following row shall be added...
6. In Appendix 3 to Annex XI, the following row shall be added...
7. In Appendix 4 to Annex XI, the following row shall be added...
8. In Appendix 5 to Annex XI, the following row shall be added...

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- (1) Opinion delivered on 9 July 2008.
- (2) Opinion of the European Parliament of 3 September 2008 (not yet published in the Official Journal) and Council Decision of 16 December 2008.
- (3) [OJ L 263, 9.10.2007, p. 1.](#)
- (4) [OJ L 184, 17.7.1999, p. 23.](#)

Changes to legislation:

There are outstanding changes not yet made to Regulation (EC) No 79/2009 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.

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Changes and effects yet to be applied to :

- Art. 4(1) words substituted by [S.I. 2022/1273 reg. 52\(3\)\(a\)\(i\)](#)
- Art. 4(1) words substituted by [S.I. 2022/1273 reg. 52\(3\)\(a\)\(ii\)](#)
- Art. 4(2) words substituted by [S.I. 2022/1273 reg. 52\(3\)\(b\)](#)
- Art. 4(3) words substituted by [S.I. 2022/1273 reg. 52\(3\)\(b\)](#)
- Art. 4(4) word substituted by [S.I. 2022/1273 reg. 52\(3\)\(c\)](#)
- Art. 11(1) words substituted by [S.I. 2022/1273 reg. 52\(4\)\(a\)\(i\)](#)
- Art. 11(1) words substituted by [S.I. 2022/1273 reg. 52\(4\)\(a\)\(ii\)](#)
- Art. 11(1) words substituted by [S.I. 2022/1273 reg. 52\(4\)\(a\)\(iii\)](#)
- Art. 11(2) words substituted by [S.I. 2022/1273 reg. 52\(4\)\(b\)\(i\)](#)
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- Art. 11(3) words substituted by [S.I. 2022/1273 reg. 52\(4\)\(c\)\(i\)](#)
- Art. 11(3) words substituted by [S.I. 2022/1273 reg. 52\(4\)\(c\)\(ii\)](#)
- Art. 11(3) words substituted by [S.I. 2022/1273 reg. 52\(4\)\(c\)\(iii\)](#)
- Art. 12 words substituted by [S.I. 2022/1273 reg. 52\(5\)\(a\)](#)
- Art. 12a substituted by [S.I. 2022/1273 reg. 52\(6\)](#)
- Art. 15 omitted by [S.I. 2022/1273 reg. 52\(7\)](#)

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

- Signature words omitted by [S.I. 2022/1273 reg. 52\(8\)](#)
- Art. 2(1) words substituted by [S.I. 2022/1273 reg. 52\(2\)](#)
- Art. 11(1)(a) words omitted by [S.I. 2022/1273 reg. 52\(4\)\(a\)\(iv\)](#)
- Art. 11(3)(a) words omitted by [S.I. 2022/1273 reg. 52\(4\)\(c\)\(iv\)](#)
- Art. 12(e) word omitted by [S.I. 2022/1273 reg. 52\(5\)\(b\)](#)