

Directive 98/70/EC of the European Parliament and of the Council of 13 October 1998 relating to the quality of petrol and diesel fuels and amending Council Directive 93/12/EEC

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ANNEX I

ENVIRONMENTAL SPECIFICATIONS FOR MARKET FUELS TO BE USED FOR VEHICLES EQUIPPED WITH POSITIVE-IGNITION ENGINES

Type : Petrol

ANNEX II

ENVIRONMENTAL SPECIFICATIONS FOR MARKET FUELS TO BE USED FOR VEHICLES EQUIPPED WITH COMPRESSION IGNITION ENGINES

Type : Diesel

### ANNEX III

The permitted vapour pressure waiver for intermediate bioethanol content between...

### ANNEX IV

#### RULES FOR CALCULATING LIFE CYCLE GREENHOUSE EMISSIONS FROM BIOFUELS

- A. Typical and default values for biofuels if produced with no...
- B. Estimated typical and default values for future biofuels that were...
- C. Methodology
1. Greenhouse gas emissions from the production and use of biofuels...
  2. Greenhouse gas emissions from fuels, E, shall be expressed in...
  3. By derogation from point 2, values calculated in terms of...
  4. Greenhouse gas emission savings from biofuels shall be calculated as:...
  5. The greenhouse gases taken into account for the purposes of...
  6. Emissions from the extraction or cultivation of raw materials, e...
  7. Annualised emissions from carbon stock changes caused by land-use change,...
  8. The bonus of 29 gCO<sub>2</sub>eq/MJ shall be attributed...
  9. The categories mentioned in point 8(b) are defined as follows:...
  10. The guide adopted pursuant to point 10 of Part C...
  11. Emissions from processing, e<sub>p</sub>, shall include emissions from...
  12. Emissions from transport and distribution, e<sub>td</sub>, shall include...
  13. Emissions from the fuel in use, e<sub>u</sub>, shall...
  14. Emission savings from carbon capture and geological storage e<sub>ccs</sub>...
  15. Emission savings from carbon capture and replacement, e<sub>ccr</sub>,...
  16. Emission savings from excess electricity from cogeneration, e<sub>ee</sub>,...
  17. Where a fuel production process produces, in combination, the fuel...
  18. For the purposes of the calculation referred to in point...
  19. For the purposes of the calculation referred to in point...
- D. Disaggregated default values for biofuels
- Disaggregated default values for cultivation: 'e<sub>ec</sub>' as defined...
  - Disaggregated default values for processing (including excess electricity): 'e<sub>p</sub>'...
  - Disaggregated default values for transport and distribution: 'e<sub>td</sub>'...
  - Total for cultivation, processing, transport and distribution
- E. Estimated disaggregated default values for future biofuels that were not...
- Disaggregated values for cultivation: 'e<sub>ec</sub>' as defined in...
  - Disaggregated values for processing (including excess electricity): 'e<sub>p</sub>'...
  - Disaggregated values for transport and distribution: 'e<sub>td</sub>' as...
  - Total for cultivation, processing, transport and distribution

**Status:** EU Directives are being published on this site to aid cross referencing from UK legislation. After IP completion day (31 December 2020 11pm) no further amendments will be applied to this version.

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## ANNEX V

Part A. Provisional estimated indirect land-use change emissions from biofuels (gCO<sub>2</sub>eq /MJ)

Part B. Biofuels for which the estimated indirect land-use change emissions are considered to be zero

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- (1) [OJ C 77, 11.3.1997, p. 1](#) and [OJ C 209, 10.7.1997, p. 25](#).
- (2) [OJ C 206, 7.7.1997, p. 113](#).
- (3) Opinion of the European Parliament of 10 April 1997 ([OJ C 132, 28.4.1997, p. 170](#)), Council Common Position of 7 October 1997 ([OJ C 351, 19.11.1997, p. 1](#)) and Decision of the European Parliament of 18 February 1998 ([OJ C 80, 16.3.1998, p. 92](#)). Decision of the European Parliament of 15 September 1998 ([OJ C 313, 12.10.1998](#)). Decision of the Council of 17 September 1998.
- (4) [OJ L 76, 6.4.1970, p. 1](#). Directive as last amended by Directive 98/69/EC of the European Parliament and of the Council (see page 1 of this Official Journal).
- (5) [OJ L 36, 9.2.1988, p. 33](#). Directive as last amended by Directive 96/1/EC of the European Parliament and of the Council ([OJ L 40, 17.2.1996, p. 1](#)).
- (6) [OJ L 100, 19.4.1994, p. 42](#).
- (7) [OJ L 316, 31.10.1992, p. 12](#). Directive as last amended by Directive 94/74/EC ([OJ L 365, 31.12.1994, p. 46](#)).
- (8) [OJ L 204, 21.7.1998, p. 37](#). Directive as amended by Directive 98/48/EC ([OJ L 217, 5.8.1998, p. 18](#)).
- (9) [OJ L 96, 3.4.1985, p. 25](#). Directive as last amended by the 1994 Act of Accession.
- (10) [OJ L 334, 12.12.1985, p. 20](#). Directive as amended by Commission Directive 87/441/EEC ([OJ L 238, 21.8.1987, p. 40](#)).
- (11) [OJ L 74, 27.3.1993, p. 81](#).
- (12) [OJ C 102, 4.4.1996, p. 1](#).