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|  |  | | Corrigendum  Ref. Sales No. E.18.VIII.2  (ECE/TRANS/276, Vol. I and II)  April 2020  New York and Geneva |

**European Agreement concerning the**

**International Carriage of Dangerous Goods by**

**Inland Waterways (ADN)**

**(applicable as from 1 January 2019)**

Corrigendum

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| *Note: As soon as they are issued, corrigenda to the published versions of ADN, as well as amendments entering into force before the next version, are made available on the United Nations Economic Commission for Europe web site at the following address:* [*www.unece.org/trans/danger/danger.html*](file:///\\UNECE-DATA\DATA\GROUPS\Tran\DANGER\ADN2015\Corrections\www.unece.org\trans\danger\danger.html) |

**1. Volume I, Table of contents**

*Insert*: 7.1.7 Special provisions applicable to the carriage of self-reactive substances of Class 4.1, organic peroxides of Class 5.2 and substances stabilized by temperature control (other than self-reactive substances and organic peroxides)

2. Part 1, Chapter 1.2, Definition for “Explosion protection”, under “And technical requirements such as, for example, in (b)

*For* self-contained protection systems *read* autonomous protection systems

**3. Part 1, Chapter 1.2, Definition for Limited explosion risk electrical apparatus**

*For* existing definition *read*

*Limited explosion risk electrical installations and equipment* means electrical installations and equipment which, during normal operation, do not cause sparks or exhibits surface temperatures which are above 200 °C, including e.g.:

– three-phase squirrel cage rotor motors;

– brushless generators with contactless excitation;

– fuses with an enclosed fuse element;

– contactless electronic apparatus;

or means electrical installations and equipment with at least an enclosure protected against water jets (protection rating IP55 or higher) which during normal operation do not exhibit surface temperatures above 200 °C;

4. Part 1, Chapter 1.2, Definition for Self-contained protection systems

*For* self-contained protection systems *read* autonomous protection systems

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5. Part 1, Chapter 1.6, 1.6.7.2.2.2, Transitional provision for 8.1.2.3 (r), (s), (t), (v), third column subparagraph (c)

*For* gas-freeing *read* degassing

6. Part 1, Chapter 1.6, 1.6.7.2.2.2, transitional provision for 8.1.7.2 (three times)

*For* self-contained protection systems *read* autonomous protection systems

7. Part 1, Chapter 1.6, 1.6.7.2.2.2, Transitional provision for 9.3.1.12.4 and 9.3.3.12.4, second column

*For* gas-freeing *read* degassing

**8. Part 1, Chapter 1.6, 1.6.7.2.2.2, transitional provision for 9.3.1.17.4, 9.3.3.17.4: Distance of openings from the cargo area, column: Time limit and comments**

*For* existing text *read* N.R.M Renewal of the certificate of approval after 31 December 2044

9. Part 1, Chapter 1.6, 1.6.7.2.2.2, Transitional provision for 9.3.1.52.1, 9.3.2.52.1 and 9.3.3.52.1, third column

*For* gas-freeing *read* degassing

10. Part 1, Chapter 1.6, 1.6.7.2.2.2, Transitional provision for 9.3.1.52.1 and 9.3.3.52.1, third column

*For* gas-freeing *read* degassing

11. Part 1, Chapter 1.6, 1.6.7.2.2.2, Transitional provision for 9.3.1.53.1, 9.3.2.53.1 and 9.3.3.53.1, third column, second to last paragraph

*For* gas-freeing *read* degassing

12. Part 1, Chapter 1.6, 1.6.7.2.2.2, Transitional provision for 9.3.3.52.1

*For* electrical installations *read* electrical installations and equipment

13. Part 1, Chapter 1.6, 1.6.7.2.2.2, Transitional provision for 9.3.3.52.2

*For* Electrical installations/echo sounding devices *read* Electrical installations and equipment/echo sounding devices

14. Part 1, Chapter 1.6, 1.6.7.2.2.2, Transitional provision for 9.3.x.52.3, last sentence

*For* Disconnection of such installations from a centralized location *read* Disconnection of such electrical installations and equipment from a centralized location

15. Part 1, Chapter 1.6, 1.6.7.2.2.2, Transitional provision for 9.3.1.53.1, 9.3.2.53.1, 9.3.3.53.1, paragraph (d)

*For* after 31 December 1977 *read* before 31 December 1977

**16. Part 1, Chapter 1.6, 1.6.7.2.2.5**

*For* 1 January July 2017 *read* 1 July 2017

17. Part 1, Chapter 1.8, 1.8.3.3, sixth indent of the second paragraph

*For* recorded during the consigning, carriage *read* recorded during the carriage

18. Part 1, Chapter 1.8, 1.8.3.3, ninth indent of the second paragraph

*For* verification that employees involved in the carriage *read* verification that employees involved in the consigning, carriage

**19. Part 3, Chapter 3.2, Table A, UN Nos. 3090, 3091, 3480, and 3481, Column (3)**

*For* 9A *read* 9

**20. Part 3, Chapter 3.2, Table A, UN Nos. 3090, 3091, 3480, and 3481, Column (5)**

*For* 9 *read* 9A

21. Part 3, Chapter 3.2, 3.2.3.1, Explanations concerning Table C, column (16) and Note (five times)

*For* self-contained protection systems *read* autonomous protection systems

22. Part 3, Chapter 3.2, 3.2.3.3 Schema A, heading of the third column

*For* Cargo tank internal pressure at liquid temperature of 30 °C and gaseous phase temperature of 37.8 °C > 50 kPa

*Read* Cargo tank internal pressure at liquid temperature of 30 °C and gaseous phase temperature of 37.8 °C ≤ 50 kPa

23. Part 3, Chapter 3.2, 3.2.4.3 B, paragraph 4 at the beginning

*Insert*

A cargo heating system on board shall be required:

24. Part 7, Chapter 7.2, 7.2.3.1.6

*Not applicable to English*

25. Part 7, Chapter 7.2, 7.2.3.29.1

*For* accommodation area *read* accommodation areas

26. Part 7, Chapter 7.2, 7.2.3.51.4, second paragraph

*For* gas-freeing *read* degassing

*(Reference document: informal document INF.6)*

27. Part 7, Chapter 7.2, 7.2.3.51.7, first paragraph

*For* gas-freeing *read* degassing

28. Part 8, Chapter 8.1, 8.1.2.1 (e)

*For* installations *read* installations and equipment

29. Part 8, Chapter 8.1, 8.1.2.1 (e)

*For* self-contained protection systems *read* autonomous protection systems

30. Part 8, Chapter 8.1, 8.1.2.3 (s)

*For* gas-freeing *read* degassing

31. Part 8, Chapter 8.1, 8.1.2.3 (t)

*For* self-contained protection systems *read* autonomous protection systems

32. Part 8, Chapter 8.1, 8.1.2.3 (u)

*For* self-contained protection systems *read* autonomous protection systems

33. Part 8, Chapter 8.1, 8.1.2.3 (v)

*For* gas-freeing *read* degassing

34. Part 8, Chapter 8.1, 8.1.7, title

*For* self-contained protection systems *read* autonomous protection systems

35. Part 8, Chapter 8.1, 8.1.7.2, second paragraph

*For* self-contained protection systems *read* autonomous protection systems

**36. Part 8, Chapter 8.2, 8.2.2.8.4 (a)**

*For* (basic training *read* (basic training)

37. Part 8, Chapter 8.3, 8.3.5, second indent

*For* gas-freed *read* degassed

38. Part 8, Chapter 8.6, 8.6.1.1 Model certificate of approval, item No.4

*For* Electrical and non-electrical installations and equipment for use in protected areas: *read* Stationary electrical and non-electrical installations and equipment for use in protected areas:

39. Part 8, Chapter 8.6, 8.6.1.2 Model certificate of approval, item No.4

*For* Electrical and non-electrical installations and equipment for use in protected areas:  
*read* Stationary electrical and non-electrical installations and equipment for use in protected areas:

40. Part 8, Chapter 8.6, 8.6.1.3 Model certificate of approval, item No.9

*For* Electrical and non-electrical installations and equipment for use in explosion hazardous areas: *read* Stationary electrical installations and equipment:

41. Part 8, Chapter 8.6, 8.6.1.4 Model certificate of approval, item No.9

*For* Electrical and non-electrical installations and equipment for use in explosion hazardous areas: *read* Stationary electrical installations and equipment:

42. Part 8, Chapter 8.6, 8.6.3 Checklist question 14, sixth indent

*For* equipment *read* installations and equipment

43. Part 9, Chapter 9.3, 9.3.x.12.4 (b)(i)

*For* protected area *read* cargo area