

**Economic Commission for Europe**

**Inland Transport Committee**

**Working Party on the Transport of Dangerous Goods**

**Joint Meeting of Experts on the Regulations annexed to the European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (ADN) (ADN Safety Committee)**

**Thirty-fifth session**

Geneva, 26-30 August 2019

Item 3 (e) of the provisional agenda

**Implementation of the European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (ADN): matters related to classification societies**

29 July 2019

English

**Transitional provisions about the explosion group / subgroup**

**Transmitted by the informal group of Recommended ADN Classification Societies**

1. From last ADN Safety Committee meeting (report ECE/TRANS/WP.15/AC.2/70) – Transitional provisions – Paragraph 29, 2nd point:

“On the dates of the transitional provisions applicable to 9.3.x.24 and 9.3.x.21.1 and multilateral agreement M018 (item 4 (d)): ..., the Safety Committee recognized that the transitional provisions for 9.3.x.24 and 9.3.x.21.1 might need to be deleted and welcomed a proposal to this end for the next session. Noting that new amendments to ADN would not entry into force before 1 January 2021, several delegations indicated their willingness to update and extend multilateral agreement M018 until 31 December 2023. It was noted that the current transitional period for type and location of electrical installations and equipment intended to be used in explosion hazardous areas in 9.3.x.53.1 would remain unchanged.”

*Note:* read “9.3.x.20.4” instead of “9.3.x.24”

2. This topic can be extended to other transitional provisions linked to the explosion group/subgroup of autonomous protection systems.
3. Consequently, the concerned Transitional Provisions are the following:
  - (a) For cofferdams (flame arrester on the ventilation openings)

9.3.2.20.4	Explosion group/subgroup	N.R.M. From 1 January 2019
9.3.3.20.4		Renewal of the certificate of approval after 31 December 2024

- (b) For sampling opening (flame arrester)

9.3.2.21.1 (g)	Explosion group/subgroup	N.R.M. From 1 January 2019
9.3.3.21.1 (g)		Renewal of certificate of approval after 31 December 2024

(c) For venting piping in cargo tanks (autonomous protection systems)

9.3.2.22.4 (e) 9.3.3.22.4 (d)	Explosion group/subgroup	N.R.M. From 1 January 2019 Renewal of certificate of approval after 31 December 2024
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(d) For tanks for residual products (high velocity vent valves and deflagration safe vacuum valve)

9.3.2.26.2 9.3.3.26.2 (b)	Explosion group/subgroup	N.R.M. From 1 January 2019 Renewal of certificate of approval after 31 December 2024
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4. For 9.3.2.53.1. and 9.3.3.53.1 the Transitional Provision for the NON-electrical installations and equipment would be discussed, if needed.

9.3.1.53.1 9.3.2.53.1 9.3.3.53.1	Temperature class and explosion group of non-electrical installations and equipment	N.R.M. From 1 January 2019 Renewal of the certificate of approval after 31 December 2034
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5. We have noted from the report WP.15/AC.2/70 (mentioned in 1. of this document) that the current transitional period for type and location of electrical installations and equipment intended to be used in explosion hazardous areas in 9.3.x.53.1 would remain unchanged.

9.3.1.53.1 9.3.2.53.1 9.3.3.53.1	Type and location of electrical installations and equipment intended to be used in explosion hazardous areas Zone 0, Zone 1	N.R.M. from 1 January 2019 Renewal of certificate of approval after 31 December 2034 Until that date, the following requirements are applicable: (a) In cargo tanks and piping for loading and unloading, only measuring, regulation and alarm devices of the EEx (ia) type of protection may be installed. (...)
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9.3.1.53.1 9.3.2.53.1 9.3.3.53.1	Type and location of electrical installations and equipment intended to be used in explosion hazardous areas Zone 2	N.R.M. from 1 January 2019 Renewal of the certificate of approval after 31 December 2034
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6. But what about the following transitional provision:

9.3.1.53.1 9.3.2.53.1 9.3.3.53.1	Temperature class and explosion group of non-electrical installations and equipment	N.R.M. From 1 January 2019 Renewal of the certificate of approval after 31 December 2034
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7. We would like to point out that the application of the transitional provisions has always to take into account 1.6.7.2.2.1: “The construction and equipment of vessels in service shall be maintained at least at the previous standard of safety.”
  8. The Recommended ADN Classification Societies likes to ask the ADN Safety Committee to consider this and to decide about the necessary action.
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