

Economic Commission for Europe**Inland Transport Committee****Working Party on the Transport of Dangerous Goods**

English

12 July 2017

Joint Meeting of Experts on the Regulations annexed to the European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways (ADN)**Thirty-first session**

Geneva, 28-31 August 2017

Item 5 of the provisional agenda

Reports of informal working group

Approval and mutual recognition by authorities of non-electrical explosion protection equipment**Transmitted by the Recommended ADN Classification Societies**

1. At the last meeting of the group of recognized classification societies, they discussed the matter of the approval of flame arresters, under pressure valves and high-velocity vent valves and found that the situation with regard to the approval of these devices is not clearly defined. Therefore, ask the experts of the Safety Committee to discuss the following questions and, if possible, to answer them.
 2. At 9.3.3.12.7 is requested that Flame-arresters prescribed in 9.3.3.20.4, 9.3.3.22.4, 9.3.3.22.5 and 9.3.3.26.4 shall be of a type approved for this purpose by the competent authority.
 - a) What are the competent authorities for the approval of flame retardants in the ADN member countries? Can these be published on the ADN website?
 - b) If a flame arrestor is tested according to EN ISO 16852: 2010 or EN 12874: 1999, then does it need an additional acceptance from the competent authority?
 - c) Are alternative test certificates of classification societies recognized? And if so, from which? Only from classification societies recognized by ADN, from IACS classification societies or from all other classification societies?
 - d) Are test certificates accepted from non-ADN countries (eg Denmark)?
 - e) Should high-velocity vent valve also be approved by a competent authority or does a test certificate of a body approved to carry out tests according to EN ISO 16852: 2010 meet the requirements? Which bodies are approved for such approvals?
 - f) Do deflagration-proof vacuum valves have also to be approved by a competent authority or does a test by a body approved for this test suffice? Is there a standard available for this type of valves?
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