

Economic Commission for Europe

English ONLY

Inland Transport Committee

29 January 2015

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)

Twenty-sixth session

Geneva, 27-30 January 2015

Agenda item 5 (b)

Proposals for amendments to the Regulations annexed to ADN:

Other proposals

Revised Proposal ECE/TRANS/WP.15/AC.2/2015/2

31. Insert a new paragraph 7.1.4.4.4 to read as follows:

"7.1.4.4.4 ~~The Containers with~~ electrical equipment fitted to the outside of a close container may -are allowed to be connected with removable electrical cables in accordance with the provisions of ~~according to~~ 9.1.0.56 ~~or and to~~ be put into operation provided that only if:

(a) ~~Such~~The electrical equipment is of a certified safe type;

or

(b) Such an electrical equipment is not of a certified safe type~~Thebut -source of ignition of the container~~ is separated sufficiently from other containers containing substances of:

- Class 2 for which a label No. 2.1 is required in column (5) of Table A of Chapter 3.2;
- Class 3, packing group I or II;
- Class 4.3;
- Class 6.1; packing group I or II, with an additional hazard of Class 4.3;
- Class 8, packing group I, with an additional hazard of Class 3; and
- Class 8, packing group I or II, with an additional hazard of Class 4.3.

This condition is deemed to be met if no container containing the above-mentioned substances is stowed within an area of cylindrical form with a radius of 2.4 m around the ~~electrical equipment~~source of ignition and an unlimited vertical extension.

This condition does not apply if containers with electrical equipment which ~~is~~are not of a certified safe type and containers containing the above-mentioned substances are stowed in separate holds."

Examples of stowage and segregation of containers

R Container (e.g. reefer) with electrical equipment which is not of a certified safe type

Z Electrical equipment which is not of a certified safe type

X Container not allowed when containing dangerous substances for which sufficient separation is required

2. Insert a new 7.1.4.4.5

"7.1.4.4.5 The electrical equipment fitted to an open container may not be connected with removable electrical cables in accordance with the provisions of 9.1.0.56 nor be put into operation unless it is of a certified safe type or the container is placed in a hold which does not contain containers containing substances referred to in 7.1.4.4.4 (b)."

43. Consequential amendment: amend 7.1.3.51.4 to read as follows:

"7.1.3.51.4 The electrical installations in the holds shall be kept switched off and protected against unintentional connection.

This provision does not apply to permanently installed cables passing through the holds, to movable cables connecting containers, stowed according to 7.1.4.4.4, and to apparatus of a "certified safe type"."
