

COMMITTEE OF EXPERTS ON THE TRANSPORT OF DANGEROUS GOODS AND ON THE GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS

Sub-Committee of Experts on the
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HARMONIZATION WITH THE INTERNATIONAL ATOMIC ENERGY AGENCY (IAEA) REGULATIONS FOR THE SAFE TRANSPORT OF RADIOACTIVE MATERIAL

Information provided to supplement document ST/SG/AC.10/C.3/2008/98

Note by the International Atomic Energy Agency

1. Document ST/SG/AC.10/C.3/2008/98 contains a list of proposed changes to the Model Regulations in order to take account of the forthcoming 2009 edition of the IAEA Regulations for the Safe Transport of Radioactive Material (TS-R-1) has been reviewed by the IAEA Transport Safety Standard Committee.
2. Some minor editorial comments and some substantive comments are included in the Annex to this paper.
3. The secretariat may wish to review these comments when completing the harmonisation draft.

Annex

1. There are several editorial comments:

The corresponding paragraphs of TS-R-1 to the proposed changes are wrong in some cases [it is noted that an updated table of correspondence has been produced in UN/SCETDG/34/INF.6]

The proposed change to paragraph 1.1.1.4 is not necessary (it is already included in the 15th Edition), but in the first sentence of the current paragraph 1.1.1.4 of the 15th Edition “is” after “environment” should be replaced by “are”.

In paragraph 2.7.2.3.5 (a) the term “10 cm and” should have the word “that” added

In paragraph 2.7.2.4.3 the reference “2.7.2.3.1” is wrong and should be corrected to “2.7.2.3.2”

In the proposed change of 5.1.5.1.4 (b) replace “or” by “of”

The paragraph number “5.1.5.4 (a)” is wrong and should be corrected to “5.1.5.1.4 (a)”

In paragraph 5.4.1.5.7.1 (j) “value to unlimited” should be “value is unlimited”

The paragraph number “7.1.8.1.2” is wrong and should be corrected to “7.1.8.2”, and in Table 7.1.8.2 in column 3 “inland water craft” should be replaced by “inland waterway craft”.

2. There is one more substantive comment:

The proposed change to sub-paragraph 2.7.2.3.5 should be amended to read as follows: “Packages containing fissile material...”.

3. Additional changes have been suggested:

Paragraph 1.5.2.2 seems to have reverted to 13th Edition text in the 15th Edition. The text from the 14th Edition should be used.

In paragraphs 2.7.2.4.2 and 2.7.2.4.3 the words “definition of” should be followed by “LSA in” and “SCO in” respectively.

2.7.2.3.4.1 should be corrected as follows:

"The design for low dispersible radioactive material shall require multilateral approval. Low dispersible radioactive material shall be such that the total amount of this radioactive material in a package, **taking into account the provisions of 6.4.8.14**, shall meet the following requirements: ...".

2.7.2.4.1.3 should be corrected as follows:

“Radioactive material which is enclosed in or is included as a component part of an instrument or other manufactured article may be classified under UN 2911 RADIOACTIVE MATERIAL, EXCEPTED PACKAGE - INSTRUMENTS or ARTICLES, ~~provided that~~ **only if.**”

2.7.2.4.1.3 (b) (i) add at the end “or”.

2.7.2.4.6.1 should be corrected as follows:

~~“Packages not otherwise classified in 2.7.2.4 (2.7.2.4.1 to 2.7.2.4.5) Type B(U), Type B(M) and Type C packages shall be classified in accordance with the competent authority approval certificate for the package issued by the country of origin of design.”~~

2.7.2.4.6.2 should be corrected as follows:

~~“A package may only be classified as a Type B(U) packages shall not contain: ...”.~~

2.7.2.4.6.3 should be corrected as follows:

~~“A package may only be classified as a Type B(M) packages shall not contain: ...”.~~

2.7.2.4.6.4 should be corrected as follows:

~~“A package may only be classified as a Type C packages shall not contain: ...”.~~

Chapter 3.2,

Dangerous

Goods List:

UN 2916,

UN 2917,

UN 2919,

[UN 3323] add “325” to column 6.

UN 3328,

UN 3329,

[UN 3330,]

UN 3331 add “326” to column 6.

[Justification: UF₆ may also be carried in Type B(U), Type B(M) [and Type C] packages or under special arrangement.]

4.1.9.2.3 in 4.1.9.2.3 (b) the reference “2.7.2.3.2” is wrong and should be corrected to “2.7.1.2”.

5.1.5.3.4 (d) should be corrected as follows:

“A package transported under a special arrangement shall be assigned to category III-YELLOW except **under the provisions of 5.1.5.3.5** ~~when otherwise specified in the competent authority approval certificate of the country of origin of design (see 2.7.2.4.6)~~”.

5.1.5.3.4 (e) should be corrected as follows:

“An overpack which contains packages transported under special arrangement shall be assigned to category III-YELLOW except **under the provisions of 5.1.5.3.5** ~~when otherwise specified in the competent authority approval certificate of the country of origin of design (see 2.7.2.4.6)~~”.

5.1.5.3.5(new) add a new paragraph 5.1.5.3.5 to read as follows:

“In all cases of international transport of packages requiring competent authority design or shipment approval, for which different approval types apply in the different countries concerned by the shipment, the categorization shall be in accordance with the certificate of the country of origin of design”

5.2.1.5.8,

5.2.2.1.12.5,

5.4.1.5.7.3 add “by the shipment” after “concerned”.

6.4.5.4.2 (c) should be corrected as follows:

“...and routine conditions of transport and of preventing ~~any increase of more than a~~ **20% increase** in the maximum radiation level at any external surface of the portable tanks.”

6.4.5.4.4 (c) (ii) should be corrected as follows:

“~~any increase of more than a~~ **20% increase** in the maximum radiation level at any external surface of the freight containers.”

6.4.5.4.5 (b) (ii) should be corrected as follows:

“more than **a 20% increase** in the maximum radiation level at any external surface of the intermediate bulk containers.”
