

Committee of Experts on the Transport of Dangerous Goods and on the Globally Harmonized System of Classification and Labelling of Chemicals

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Sub-Committee of Experts on the Transport of Dangerous Goods

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Item 6 (e) of the provisional agenda

Miscellaneous proposals for amendments to the Model Regulations on the Transport of Dangerous Goods: Other miscellaneous proposals

Consequential amendments related to the introduction of “TEMPERATURE CONTROLLED” in 3.1.2.6

Transmitted by the expert from Spain

“TEMPERATURE CONTROLLED” in the transport document (5.4.1)

1. In the twentieth revised edition of the Model Regulations (2017) a new text was introduced in 3.1.2.6 (b), indicating that, when the words “TEMPERATURE CONTROLLED” are not already included in capital letters in the name of a substance if temperature control is used for stabilization, this has to be added as part of the proper shipping name.

2. Nevertheless, 5.4.1.5.4 has not been updated. The present text of 5.4.1.5.4 is:

“5.4.1.5.4 Substances stabilized by temperature control

If the word “STABILIZED” is part of the proper shipping name (see also 3.1.2.6), when stabilization is by means of temperature control, the control and emergency temperatures (see 7.1.5.3) shall be indicated in the transport document, as follows:

“Control temperature: ...°C Emergency temperature: ...°C””.

3. The text in 5.4.1.5.4 should now directly reference the case when the words “TEMPERATURE CONTROLLED” are included into the proper shipping name. This would ease the application of the regulations for end users. The proposed amendment is included in paragraph 7 of this document.

4. Additionally, it may be interesting to include in 5.4.1.4.3 a reference to 3.1.2.6, to recall the fact that the proper shipping name of the substance has to be modified. 5.4.1 should include all important facts to complete the transport document, and unless the user is familiar with the transport of stabilized or temperature controlled products, the contents of 3.1.2.6 may be unknown. This reference to 3.1.2.6 could be done by including an additional subparagraph (e) under 5.4.1.4.3. The proposed amendment is included in paragraph 8 of this document.

“TEMPERATURE CONTROLLED” in the special provisions contained in 7.1.5

5. In 7.1.5.3.2 it is indicated to which substances the provisions of 7.1.5 apply. Inter alia, under a) substances for which the proper shipping name as indicated in column 2 of Table A of Chapter 3.2 or according to 3.1.2.6 contains the word “STABILIZED” are named.

6. To name clearly here also those substances where in the proper shipping name the words “TEMPERATURE CONTROLLED” are included, this case should be added into the same indent. The proposed amendment is included in paragraph 9 of this document.

Proposals

7. Spain proposes to amend the text of 5.4.1.5.4 to read as follows (deleted text shown as ~~stricken through~~, new text added underlined):

“5.4.1.5.4 Substances stabilized by temperature control

If the ~~word~~ words “**STABILIZED TEMPERATURE CONTROLLED**” ~~is~~ are part of the proper shipping name (see also 3.1.2.6), ~~when stabilization is by means of temperature control~~, the control and emergency temperatures (see 7.1.7) shall be indicated in the transport document, as follows:

“Control temperature: ...°C Emergency temperature: ...°C”.

8. Additionally, Spain proposes to include also in 5.4.1.4.3 a cross reference to 3.1.2.6 for modifying the proper shipping name (deleted text shown as ~~stricken through~~, new text added underlined):

“5.4.1.4.3 Information which supplements the proper shipping name in the dangerous goods description

The proper shipping name in the dangerous goods description shall be supplemented as follows:

- (a) Technical names for “n.o.s.” and other generic descriptions: Proper shipping names that are assigned special provision 274 or 318 in Column 6 of the Dangerous Goods List shall be supplemented with their technical or chemical group names as described in 3.1.2.8;
- (b) Empty uncleaned packagings, bulk containers and tanks: Empty means of containment (including packagings, IBCs, bulk containers, portable tanks, tank-vehicles and tank-wagons) which contain the residue of dangerous goods of classes other than Class 7 shall be described as such by, for example, placing the words “**EMPTY UNCLEANED**” or “**RESIDUE LAST CONTAINED**” before or after the dangerous goods description specified in 5.4.1.4.1 (a) to (e);
- (c) Wastes: For waste dangerous goods (other than radioactive wastes) which are being transported for disposal, or for processing for disposal, the proper shipping name shall be preceded by the word “**WASTE**”, unless this is already a part of the proper shipping name;
- (d) Elevated temperature substances: If the proper shipping name of a substance which is transported or offered for transport in a liquid state at a temperature equal to or exceeding 100 °C, or in a solid state at a temperature equal to or exceeding 240 °C, does not convey the elevated temperature condition (for example, by using the term “**MOLTEN**” or “**ELEVATED TEMPERATURE**” as part of the shipping name), the word “**HOT**” shall immediately precede the proper shipping name;
- (e) Stabilized and temperature controlled substances: The words “**STABILIZED**” or “**TEMPERATURE CONTROLLED**” shall be added to the proper shipping name if stabilization or stabilization by temperature control has to be used (see 3.1.2.6).

9. Spain proposes to amend the text of 7.1.5.3.2 to read as follows (deleted text shown as ~~stricken through~~, new text added underlined):

“These provisions also apply to the carriage of substances for which:

- (a) The proper shipping name as indicated in column 2 of the Dangerous Goods List of Chapter 3.2 or according to 3.1.2.6 contains the ~~word~~ words “**STABILIZED**” or “**TEMPERATURE CONTROLLED**”; and
- (b) The SADT....”

Background information

10. The proposed amendments were discussed at the Joint Meeting in September 2019 on the basis of informal document INF.8 to that session, and, even if supported in principle, the Joint Meeting asked Spain to bring this proposal first to the Sub-Committee.
