|  |  |  |
| --- | --- | --- |
|  |  | **UN/SCETDG/57/INF.30** |

|  |  |  |
| --- | --- | --- |
| **Committee of Experts on the Transport of Dangerous Goods and on the Globally Harmonized System of Classification and Labelling of Chemicals 16 October 2020** | | |
| **Sub-Committee of Experts on the Transport of Dangerous Goods** |  | |
| **Fifty-seventh session** | |  |
| Geneva, 30 November-8 December 2020  Item 8 of the provisional agenda  **Cooperation with the International Atomic Energy Agency** | |  |

Harmonization with the IAEA Regulations for the Safe Transport of Radioactive Material

Transmitted by the International Atomic Energy Agency (IAEA)

Background

1. Subject to the removal of the leakage test for low specific activity radioactive material LSA-III, some inconsistencies remain in the 21st edition of the Model Regulations that need to be corrected to reflect the 2018 edition of the IAEA Regulations for the Safe Transport of Radioactive Material. This paper proposes amendments to the Model Regulations to harmonize both regulations.

2. Additionally, one more inconsistency was found in paragraph 4.1.9.1.4. A proposal to fix it is also included in this paper.

Proposal

2.7.2.3.1.4 Delete and add “2.7.2.3.1.4 *Deleted*.”.

2.7.2.3.1.5 Delete and add “2.7.2.3.1.5 *Deleted*.”.

2.7.2.3.4 Amend to read “*Low dispersible radioactive material*”.

2.7.2.3.4.1 (c) In the first sentence, replace “2.7.2.3.1.4” by “2.7.2.3.4.3”.

2.7.2.3.4.3 Insert a new paragraph 2.7.2.3.4.3 to read as follows:

“2.7.2.3.4.3 A solid material sample representing the entire contents of the package shall be immersed for 7 days in water at ambient temperature. The volume of water to be used in the test shall be sufficient to ensure that at the end of the 7-day test period the free volume of the unabsorbed and unreacted water remaining shall be at least 10 % of the volume of the solid test sample itself. The water shall have an initial pH of 6-8 and a maximum conductivity of 1 mS/m at 20 °C. The total activity of the free volume of water shall be measured following the 7-day immersion of the test sample.”

Renumber current paragraph 2.7.2.3.4.3 to 2.7.2.3.4.4 and replace “2.7.2.3.4.1 and 2.7.2.3.4.2” by “2.7.2.3.4.1, 2.7.2.3.4.2 and 2.7.2.3.4.3”.

4.1.9.1.4 In the first sentence, delete “, tanks, intermediate bulk containers”.

6.4.12.1 In the first sentence, delete “2.7.2.3.1.3, 2.7.2.3.1.4,” and after “2.7.2.3.4.2”, insert “, 2.7.2.3.4.3”.

6.4.12.2 Delete “2.7.2.3.1.3, 2.7.2.3.1.4,” and after “2.7.2.3.4.2”, insert “, 2.7.2.3.4.3”.