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Working Party on the Transport of Dangerous Goods

Geneva, 11-21 September 2007
Agenda item 6 (b)

PROPOSALS FOR AMENDMENTS TO RID/ADR/ADN*

New proposals

Section 1.10.5 - List of high consequence dangerous goods

**Submitted by the secretariat of the Intergovernmental Organisation
for International Carriage by Rail (OTIF)**

* Circulated by the Intergovernmental Organisation for International Carriage by Rail (OTIF)
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SUMMARY

Executive summary: For desensitized explosives, table 1.10.5 (list of high consequence dangerous goods) indicates that carriage in a tank is not relevant. Actually, the carriage of UN No. 2059, nitrocellulose solution, flammable, is authorized both in RID/ADR tanks and in portable tanks.

A value is indicated in the “Tank” column of table 1.10.5 for classes 2, 3, 4.2, 4.3, 5.1, 6.1 and 8 substances. In fact, not all the substances of the classes in question are always authorized for carriage in tanks.

Action to be taken: Insert a footnote in the title of the “Tank” column and modify the entry in the “Tank” column for desensitized explosives.

Related documents: None.

Introduction

1. When the security provisions of the UN Model Regulations were added to RID/ADR, table 1.4.1 of the UN Model Regulations was also added, with the NOTE relating to this table inserted as an additional column in RID/ADR table 1.10.5.
2. If we try to place the instructions in this table in a databank to indicate to users the UN Nos. to which the provisions of chapter 1.10 apply, we run up against some inconsistencies; which this proposal is aimed at eliminating.
3. The following entry appears in table 1.10.5 for class 3 liquid desensitized explosives:

Class	Division	Substance or article	Quantity		
			Tank (l)	Bulk (kg)	Packages (kg)
3		Desensitized explosives	a	a	0

^a *Not relevant.*

4. The expression “Not relevant” means that carriage in tanks or in bulk is not authorized.
5. For UN No. 2059, nitrocellulose solution, flammable, with not more than 12.6 per cent (dry mass) nitrogen or 55 per cent nitrocellulose, carriage in a tank is, however, authorized, both in RID/ADR tanks and in portable tanks. Footnote (a) in the “Tank” and “Bulk” columns is therefore incorrect for this substance.
6. In table 1.4.1 of the UN Model Regulations, no restrictions are given for the carriage in tanks or in bulk of class 3 and division 4.1 desensitized explosives, so that all substances of this group are considered as high consequence dangerous goods, regardless of the quantity carried.
7. For class 2 flammable gases, substances of classes 3, packing group I; 4.2, packing group I; 4.3, packing group I; for class 5.1 oxidizing liquids of packing group I; for substances of classes 6.1, packing group I; and 8, packing group I, a value (0 to 3,000) is indicated in the “Tank” column of RID and ADR table 1.10.5. In fact, not all the substances of the classes in question are always authorized for carriage in tanks.

Proposal

8. It is proposed to replace the entry for class 3 desensitized explosives as follows (amendment underlined) in table 1.10.5:

Class	Division	Substance or article	Quantity		
			Tank (l)	Bulk (kg)	Packages (kg)
		Desensitized explosives	<u>0</u>	^a	0

^a *Not relevant.*

9. Place a reference to a new footnote (c), with the following content, in the title of column 4, after “Tank” (l):

“(c) A value indicated in this column is applicable only if carriage in tanks is actually authorized, in accordance with chapter 3.2, table A, column 10 or 12. For substances that are not authorized for carriage in tanks, the instruction in this column is not relevant.”
