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Item 6 (b) of the provisional agenda

Proposals for amendments to RID/ADR/ADN:

New proposals

Proposed amendment to special provisions 582 and 583 in Chapter 3.3 of RID/ADR

Transmitted by the Government of the Russian Federation^{1,2}

Introduction

1. Special provisions 582 and 583 in Chapter 3.3 (“Special provisions applicable to certain articles or substances”) of the 2013 RID/ADR Agreement provide for mixtures of gases to be classified on the basis of their physical and chemical properties (vapour pressure at 70° C, density at 50° C) and for the use of both technical names and trade names.

2. It has, however, come to the attention of the Ministry of Transport of the Russian Federation and training establishments that parties involved encounter considerable difficulties in interpreting these special provisions, due to extensive repetitiveness in the wording and figures cited in them.

¹ In accordance with the programme of work of the Inland Transport Committee for 2010–2014 (ECE/TRANS/208, para.106, ECE/TRANS/2010/8, programme activity 02.7 (c)).

² Circulated by the Intergovernmental Organisation for International Carriage by Rail (OTIF) under the symbol OTIF/RID/RC/2013/49.

Proposal

3. The Ministry of Transport of the Russian Federation therefore proposes the following modification: special provisions 582 and 583 in Chapter 3.3 (“Special provisions applicable to certain articles or substances”) of the 2013 RID/ADR agreement should be put into a table, which will eliminate needless repetition of wording and figures.

Modify special provision 582 as follows:

“582 This entry covers several mixtures of gases indicated by the letter R..., with the following properties:

<i>Mixture</i>	<i>Max. vapour pressure at 70° C (in MPa)</i>	<i>Min. density at 50° C (in kg/l)</i>	<i>Technical name for purposes of 5.4.1.1</i>
F1	1.3	1.3	Mixture F1
F2	1.9	1.21	Mixture F2
F3	3.0	1.09	Mixture F3

NOTE: *Trichlorofluoromethane (refrigerant R 11), 1,1,2-trichloro-1,2,2-trifluoroethane (refrigerant R 113), 1,1,1-trichloro-2,2,2-trifluoroethane (refrigerant R 113a), 1-chloro-1,2,2-trifluoroethane (refrigerant R 133) and 1-chloro-1,1,2-trifluoroethane (refrigerant R 133 b) are not substances of Class 2. They may, however, enter into the composition of mixtures F 1 to F 3.*”

Modify special provision 583 as follows:

“583 This entry covers several mixtures, with the following properties:

<i>Mixture</i>	<i>Max. vapour pressure at 70° C (in MPa)</i>	<i>Min. density at 50° C (in kg/l)</i>	<i>Technical name^(a) for purposes of 5.4.1.1</i>
A	1.1	0.525	“Mixture A” or “butane”
A01	1.6	0.516	“Mixture A01” or “butane”
A02	1.6	0.505	“Mixture A02” or “butane”
A0	1.6	0.495	“Mixture A0” or “butane”
A1	2.1	0.485	“Mixture A1”
B1	2.3	0.474	“Mixture B1”
B2	2.6	0.463	“Mixture B2”
B	2.6	0.450	“Mixture B”
C	3.1	0.440	“Mixture C” or “propane”

^(a) For carriage in tanks, the trade names “butane” or “propane” may be used only as a complement.”

Justification

4. This modification will simplify the process of classifying mixtures of gases and remove the risk that special provisions 582 and 583 will be misunderstood.

Enforcement

5. No difficulties with enforcement are foreseen.
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