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Working Party on the Transport of Dangerous Goods

Joint Meeting of the RID Safety Committee and the
Working Party on the Transport of Dangerous Goods

REPORT OF THE SESSION*

held in Bern from 7 to 11 March 2005

Addendum 2

Annex 2

Proposals of amendments of RID/ADR/ADN

* Circulated by the Central Office for International Carriage by Rail (OCTI) under the symbol OCTI/RID/GT-III/2005-A/Add.2.

PART 1

Chapter 1.2

- 1.2.1 Amend the definition of "hermetically closed tank" as follows:
In the second and the fourth indent, replace "as allowed by special provision TE15 of 6.8.4" with "in accordance with the requirements of 6.8.2.2.3" at the end.

Insert the following new definition in alphabetical order:

"Capacity of shell or shell compartment", for tanks, means the total inner volume of the shell or shell compartment expressed in litres or cubic metres."

Chapter 1.5

- 1.5.1.1 (RID) In the first sentence, replace "For the purpose of adapting the requirements of RID to technological and industrial developments, the competent authorities" with "The competent authorities".
- 1.5.1.1 (ADR) In the first sentence, replace "For the purpose of adapting the requirements of ADR to technological and industrial developments" with "In accordance with Article 4, paragraph 3 of ADR".
- 1.5.1.1 (ADN) In the first sentence, delete "for the purpose of adapting the requirements of the annexed Regulations to technological and industrial developments,".

Chapter 1.6

- 1.6.1.2 Amend to read as follows:
"The danger labels and placards which until 31 December 2004 conformed to models No. 7A, 7B, 7C, 7D or 7E prescribed up to that date may be used until 31 December 2010."
- 1.6.1
"1.6.1.X Insert a new transitional measure to read as follows:
Type approvals for drums, jerricans and composite packagings made of high or medium molecular mass polyethylene, and for high molecular mass polyethylene IBCs, issued before 1 July 2007 in accordance with the requirements of 6.1.6.1 (a) in force up to 31 December 2006, but which are not in accordance with the requirements of 6.1.6.1 (a) applicable as from 1 January 2007, continue to be valid."
- 1.6.3
"1.6.3.X Insert a new transitional measure to read as follows:
Tank-wagons (RID) / fixed tanks (tank-vehicles), demountable tanks (ADR) intended for the carriage of substances of Class 3, Packing Group I having a vapour pressure of not more than 175 kPa (1.75 bar) (absolute) at 50 °C, constructed before 1 July 2007 in accordance with the requirements applicable up to 31 December 2006, to which tank code L1.5BN had been assigned in accordance with the requirements applicable up to 31 December 2006, may continue to be used for the carriage of the substances mentioned above, until 31 December 2022/2018."
- 1.6.4
"1.6.4.X Insert a new transitional measure to read as follows:
Tank-containers intended for the carriage of substances of Class 3, Packing Group I having a vapour pressure of not more than 175 kPa (1.75 bar) (absolute) at 50 °C, constructed before 1 July 2007 in accordance with the requirements applicable up to 31 December 2006, to which tank code L1.5BN had been assigned in accordance with the

requirements applicable up to 31 December 2006, may continue to be used for the carriage of the substances mentioned above, until 31 December 2016."

- 1.6.4.12 Add a new sentence, at the end, to read as follows:
 "Until the relevant marking has been carried out, the proper shipping name of the substance carried* shall be indicated on the tank-container itself or on a plate."

PART 3

Chapter 3.2

- 3.2.1 Column (11) Add the following NOTE at the end:
"NOTE: If technically relevant, these special provisions are not only applicable to the portable tanks specified in column (10), but also to the portable tanks that may be used according to the table in 4.2.5.2.5."

- Column (13) Add the following sentence at the end:
 "If technically relevant, these special provisions are not only applicable to the tanks specified in column (12), but also to the tanks that may be used according to the hierarchy in 4.3.3.1.2 and 4.3.4.1.2."

Table A

Replace the code "LQ19" with "LQ7" wherever it is listed in Column (7), except in the case of UN 2809.

UN No	Column	Amendment
0015, 0016 et 0303	(6)	Delete "204"
1391	(2)	Add, at the end, "having a flash-point above 61 °C "
	(6)	Delete "282"
1649	(2)	Ajouter, à la fin, " having a flash-point above 61 °C "
	(6)	Delete "162"
2030	(2)	Ajouter, à la fin, " having a flash-point above 61 °C "
	(6)	Delete "298"
2814, 2900, 3245 et 3291	(6)	Delete "634"

* *The proper shipping name may be replaced by a generic name grouping substances of a similar nature and also compatible with the characteristics of the tank.*

Add the following new entries:

UN No.	Name and description	Class	Classification code	Packing group	Labels	Special provisions	Limited quantities	Packagings			Portable tanks and bulk containers		ADR tanks		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.
								Packing instruction	Special packing provisions	Mixed packing provisions	Portable tank instruction	Special provisions	Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation	
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
0015	AMMUNITION, SMOKE with or without burster, expelling charge or propelling charge, containing corrosive substances	1	1.2G		1 +8		LQ0	P130 LP101	PP67 L1	MP23					1	V2		CV1 CV2 CV3	S1	1.2G (RID only)	
0016	AMMUNITION, SMOKE with or without burster, expelling charge or propelling charge, containing corrosive substances	1	1.3G		1 +8		LQ0	P130 LP101	PP67 L1	MP23					1	V2		CV1 CV2 CV3	S1	1.3G (RID only)	
0303	AMMUNITION, SMOKE with or without burster, expelling charge or propelling charge, containing corrosive substances	1	1.4G		1.4 +8		LQ0	P130 LP101	PP67 L1	MP23					2	V2		CV1 CV2 CV3	S1	1.4G (RID only)	
1391	ALKALI METAL DISPERSION OR ALKALINE EARTH METAL DISPERSION having a flash-point of not more than 61 °C	4.3 +3	WF1	I	4.3	182 183 274 506	LQ0	P402 PR1		MP2			L10BN(+)	TU1 TE5 TT3 TM2	FL	1	V1		CV23	S2 S20	X323

UN No.	Name and description	Class	Classification code	Packing group	Labels	Special provisions	Limited quantities	Packagings			Portable tanks and bulk containers		ADR tanks		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.
								Packing instruction	Special packing provisions	Mixed packing provisions	Portable tank instruction	Special provisions	Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation	
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
1649	MOTOR FUEL ANTI-KNOCK MIXTURE having a flash-point of not more than 61 °C	6.1	TF1	I	6.1 +3			P602		MP8 MP17	T14	TP2	L10CH	TU14 TU15 TE19 TE21 TT6	FL	1			CV1 CV13 CV28	S2 S9 S17	663
2030	HYDRAZINE AQUEOUS SOLUTION, with more than 37% hydrazine by mass having a flash-point of not more than 61 °C	8	CFT	I	8 +6.1 +3	530	LQ0	P001		MP8 MP17	T20	TP2	L10BH		FL	1			CV13 CV28	S2	886
2814	INFECTIOUS SUBSTANCE, AFFECTING HUMANS, in refrigerated liquid nitrogen	6.2 +2.2	I1		6.2	318	LQ0	P620		MP5						0			CV13 CV25 CV26 CV28	S3 S9 S15	606 (RID only)

UN No.	Name and description	Class	Classification code	Packing group	Labels	Special provisions	Limited quantities	Packagings			Portable tanks and bulk containers		ADR tanks		Vehicle for tank carriage	Transport category	Special provisions for carriage				Hazard identification No.
								Packing instruction	Special packing provisions	Mixed packing provisions	Portable tank instruction	Special provisions	Tank code	Special provisions			Packages	Bulk	Loading, unloading and handling	Operation	
(1)	(2)	(3a)	(3b)	(4)	(5)	(6)	(7)	(8)	(9a)	(9b)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
2900	INFECTIOUS SUBSTANCE, AFFECTING ANIMALS only, in refrigerated liquid nitrogen	6.2 +2.2	12		6.2	318	LQ0	P620		MP5						0			CV13 CV25 CV26 CV28	S3 S9 S15	606 (RID only)
3245	GENETICALLY MODIFIED MICRO-ORGANISMS, in refrigerated liquid nitrogen	9 +2.2	M8		9	219 637	LQ0	P904 IBC08		MP6						2			CV1 CV13 CV26 CV27 CV28	S17	90 (RID only)
3291	CLINICAL WASTE, UNSPECIFIED, N.O.S. or (BIO) MEDICAL WASTE, N.O.S. or REGULATED MEDICAL WASTE, N.O.S., in refrigerated liquid nitrogen	6.2 +2.2	I3	II	6.2	565	LQ0	P621 IBC620 LP621		MP6					AT	2	V1		CV13 CV25 CV28	S3	606 (RID only)

Chapter 3.3

- 3.3.1 SP162 Delete.
- SP204 Replace current text with: "(Reserved)".
- SP282 Delete.
- SP298 Delete.
- SP634 Replace current text with: "(Reserved)".

Chapter 3.4

- 3.4.6 In the table, for LQ19, replace respectively "3 l" and "1 l" with "5 kg".

PART 4

Chapter 4.1

- 4.1.1.2 In the Note, delete "high and medium molecular mass".
- 4.1.1.19.1 In the first sentence, delete "high and medium molecular mass" and "high molecular mass".

PART 6

Chapter 6.1

- 6.1.5.2.5 In the Note, delete "high or average molecular mass".
- 6.1.5.2.6 Amend the text beginning with "For high molecular mass polyethylene drums..." and finishing with "... with standard liquids (see 6.1.6)." to read as follows:
"For polyethylene drums and jerricans in accordance with 6.1.4.8 and if necessary, polyethylene composite packagings in accordance with 6.1.4.19, chemical compatibility with filling liquids assimilated in accordance with 4.1.1.19 may be verified as follows with standard liquids (see 6.1.6)."
- In the second paragraph (from "The standard liquids are representative..." to "... this procedure is not required"), delete "high or medium molecular mass" and add the following new sentence at the end: "Storage is not required either for test samples which are used for the stacking test in case of the standard liquids wetting solution and acetic acid."
- In the last paragraph, delete "high density, high or medium mass".
- 6.1.5.2.7 In the first sentence, delete "high or medium molecular mass".
(RID) In footnote 3), delete "high molecular mass".
- 6.1.6 Delete "high or medium molecular mass".

- [6.1.6.1 a) Replace "1 to 10% of a wetting agent" by "1% of alkyl benzene sulphonate".]
- 6.1.6.1 f) After the second sentence, insert the following text:
"A design type test with water is not required if adequate chemical compatibility is proved with wetting solution or nitric acid."

Chapter 6.1

- 6.2.1.7.2 (f) In the second sentence, delete "With the exception of pressure receptacles of UN No. 1965 hydrocarbon gas mixture, liquefied, n.o.s.,".
Add the following new sentence at the end:
"This mark is not required for pressure receptacles for UN No. 1965 hydrocarbon gas mixture, liquefied, n.o.s.;".
- 6.2.1.7.6 Add the following Note at the end:
"NOTE: The month need not be indicated for gases for which the interval between periodic inspections is ten years or more (see 41.4.1 packing instructions P200 and P203)."
[To be included in a corrigendum to the 2005 edition of RID/ADR]
- 6.2.1.7.7 Amend to read as follows:
"With the agreement of the competent authority, the date of the most recent periodic inspection and the stamp of the expert may be engraved on a ring of an appropriate material affixed to the cylinder when the valve is installed and which is removable only by disconnecting the valve from the cylinder."

Chapter 6.5

- 6.5.4.3.5 Amend the text beginning with "For high molecular mass polyethylene rigid plastics IBCs..." and finishing with "... with standard liquids (see 6.1.6)." to read as follows:
"For polyethylene rigid plastics IBCs (types 31H1 and 31H2) in accordance with 6.5.3.3 and composite IBCs (types 31HZ1 and 31HZ2) in accordance with 6.5.3.4, chemical compatibility with filling liquids assimilated in accordance with 4.1.1.19 may be verified as follows with standard liquids (see 6.1.6)."
- In the second paragraph (from "The standard liquids are representative..." to "... combinations thereof"), delete "high molecular mass"
- In the third paragraph (beginning with "The sufficient chemical compatibility..."), insert the following new second sentence after "is not required."
"Storage is not required either for test samples which are used for the stacking test in case of the standard liquids wetting solution and acetic acid."
- In the last paragraph, delete "high density, high molecular mass".
- 6.5.4.3.6 In the first sentence, delete "high molecular mass".
(RID) In footnote 3), delete "high molecular mass".

Chapter 6.8

- 6.8.2.2.3 Replace the last sentence (RID: of the first paragraph) ("Hermetically closed tanks... special provisions of 6.8.4") with the following text:

"Hermetically closed tanks shall not be fitted with vacuum valves. However, tanks of the tank code SGAH, S4AH or L4BH, fitted with vacuum valves which open at a negative

pressure of not less than 21 kPa (0.21 bar) shall be considered as being hermetically closed.

For tanks intended for the carriage of solid substances (powdery or granular) of packing groups II or III only, which do not liquefy during transport, the negative pressure may be reduced to not less than 5 kPa (0.05 bar)."
