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PROPOSALS OF AMENDMENTS TO ANNEXES A AND B OF ADR

Part 8 of ADR

Chapter 8.5 S1(6) Supervision of vehicles

Transmitted by the Government of Norway

SUMMARY

Executive Summary:	S1(6) and S14 to S21 of Chapter 8.5 states that the requirements of Chapter 8.4 shall be applicable only when substances and articles above certain masses are carried on a vehicle. The limits set in these regulations needs to be updated to be in conformity with the rationale behind the introduction of Chapter 1.10 on security provisions.
Action to be taken:	Reduce the net mass of explosives that triggers the supervision requirements of Chapter 8.4 to be more in line with the new security provisions.
Related documents:	None

Introduction

1. The Government of Norway presented at the eightieth session a proposal in document ECE/TRANS/WP.15/2006/2 to reduce the net mass of explosives that triggers the supervision requirements of Chapter 8.4 to be more in line with the new security provisions for explosives.

2. The outcome of the discussion on the Norwegian proposal is reflected in paragraph 27 and 28 of the report on the eightieth session (ECE/TRANS/WP.15/188):

“Views were divided on the proposal to reduce to 5 kg (from 50 kg) the net mass of explosives that triggered the supervision requirements of Chapter 8.4. Some delegations favoured reducing this mass to be more in line with the security provisions of Chapter 1.10 but it was also pointed out that explosives of divisions 1.4 and 1.6 were not considered high-consequence dangerous goods.

The representative of Norway volunteered to prepare a new proposal taking into account all the various limits given in Chapter 8.5 and align these with the limits given in Chapter 1.10 for high consequence dangerous goods.”

3. The Government of Norway has checked the contents of the various relevant “S” provisions in Chapter 8.5 against the limits set in Table 1.10.5 and the relevant positions in Table A of Chapter 3.2. As a result of this, the Government of Norway proposes the following changes to be made in ADR.

Proposals

4. Change the text of the first paragraph of S1(6) of Chapter 8.5 to read as follows:

“(6) Supervision of vehicles

The requirements of Chapter 8.4 shall be applicable only when substances and articles of Class 1 having a total net mass of explosive substance above the limits set below are carried in a vehicle:

Division 1.1:	0 kg
Division 1.2:	0 kg
Division 1.3, compatibility group C:	0 kg
Division 1.3, other than compatibility group C:	[50] kg
Division 1.4:	[50] kg
Division 1.5:	0 kg
Division 1.6:	[50] kg
Substances and articles belonging to UN numbers 0104, 0237, 0255, 0267, 0289, 0361, 0365, 0366, 0440, 0441, 0455, 0456 and 0500:	0 kg”

5. Change the text of S14 of Chapter 8.5 to read:

“S14: The provisions of Chapter 8.4 concerning the supervision of vehicles shall apply for vehicles carrying any amount of these substances.”

6. Change the text of S15 of Chapter 8.5 to read:

“S15: The provisions of Chapter 8.4 concerning the supervision of vehicles shall apply for vehicles carrying any amount of these substances. However, the provisions of Chapter 8.4 need not be applied when the load compartment is locked and the packages carried are otherwise protected against any illicit loading.”
7. Change the text of S20 of Chapter 8.5 to read:

“S20: The provisions of Chapter 8.4 concerning the supervision of vehicles shall apply when the total mass of these substances in the vehicle exceeds 10 000 kg as packaged goods or more than 3000 litres in tanks.”
8. Install a new S22 for flammable, toxic substances of Class 3, PG I (currently assigned to S19):

“S22: The provisions of Chapter 8.4 concerning the supervision of vehicles shall apply when the total mass of these substances in the vehicle exceeds 5000 kg as packaged goods or more than 3000 litres in tanks.”
9. Install a new S23 for perchlorates, ammonium nitrates and ammonium nitrate fertilizers:

“S23: The provisions of Chapter 8.4 concerning the supervision of vehicles shall apply when the total mass of these substances in the vehicle exceeds 3000 litres in tanks or 3000 kg in bulk.”
10. Replace “S17” by “S14” in column (19) of Table A in Chapter 3.2 for all toxic gases of Class 2 (classification codes including letters T, TC, TF, TO, TOC and TFC), all substances of Class 6.1 PG I and desensitized explosives of Class 4.1. For desensitized explosives of Class 3, replace existing “S17”, “S19” and “S20” by “S14” and insert “S14” for UN 2059 PG III. For substances of Class 8 PG I, replace existing “S17” and “S20” by “S14” and insert “S14” for UN 2030.
11. Certain gases of Class 2 with classification codes 1F and 2F are presently not assigned to any “S” provision. It is proposed to allocate “S20” to these entries.
12. For the list of affected UN numbers, see annex.

Justification

13. The proposed changes are a logical follow-up to the new security provisions introduced in Chapter 1.10 of ADR.

Safety implications

14. The proposal will increase the security as well as the safety level in transport of high consequence dangerous goods by lowering the risk of theft and other malicious acts.

Feasibility

15. Most companies transporting such substances will already be covered by the regulations regarding security for high consequence dangerous goods in Chapter 1.10, and this change should only be a justification of their security plans.

Enforceability

16. Since all substances are already covered by the provisions of Chapter 1.10, this proposal should not lead to any problems of enforceability beyond those already related to the existing regulations.

Annex

List of UN numbers

(a) UN numbers for which “S14” is proposed:

Toxic gases of Class 2 (“S17” to be replaced by “S14”):

UN numbers 1005, 1008, 1016, 1017, 1023, 1026, 1040, 1053, 1045, 1048, 1050, 1062, 1064, 1067, 1069, 1071, 1076, 1079, 1082, 1581, 1582, 1589, 1612, 1660, 1741, 1749, 1859, 1911, 1953, 1955, 1967, 1975, 2188, 2189, 2190-2192, 2194-2199, 2202, 2204, 2417, 2418, 2420, 2421, 2534, 2548, 2676, 2901, 3057, 3083, 3160, 3162, 3168, 3169, 3300, 3303-3310, 3318, 3355.

Desensitized explosives of Class 3:

UN numbers 3343, 3357 (“S17” to be replaced by “S14”)

UN number 3064 (“S19” to be replaced by “S14”)

UN numbers 1204, 2059 PG I and 2059 PG II (two entries) and 3379 (“S20” to be replaced by “S14”)

UN number 2059 PG III (insert “S14”)

Desensitized explosives of Class 4.1 (“S17” to be replaced by “S14”):

UN numbers 1310, 1320, 1321, 1322, 1336, 1337, 1344, 1347, 1348, 1349, 1354, 1355, 1356, 1357, 1517, 1571, 2555, 2556, 2557, 2852, 2907, 3317, 3319, 3344, 3364 – 3370, 3376, 3380.

Toxic substances of Class 6.1, PG I (“S17” to be replaced by “S14”):

UN numbers 1051, 1092, 1098, 1135, 1143, 1163, 1182, 1185, 1238, 1239, 1244, 1251, 1259, 1541, 1544, 1553, 1556, 1557, 1560, 1565, 1570, 1575, 1580, 1583, 1588, 1595, 1601, 1602, 1605, 1613, 1614, 1626, 1647, 1649, 1655, 1670, 1672, 1680, 1689, 1692-1695, 1698, 1699, 1713, 1714, 1722, 1744-146, 1752, 1809, 1889, 1892, 1935, 1994, 2024-2026, 2232, 2295, 2316, 2317, 2334, 2337, 2382, 2407, 2438, 2471, 2477, 2480, 2482, 2484, 2485, 2487, 2488, 2521, 2558, 2570, 2588, 2606, 2628-2630, 2642, 2644, 2646, 2740, 2757, 2759, 2761, 2763, 2771, 2775, 2777, 2779, 2781, 2783, 2786, 2788, 2810, 2811, 2902, 2903, 2927-2930, 2991-2998, 3005, 3006, 3009-3020, 3023, 3025-3027, 3048, 3086, 3122-3125, 3140, 3142-3144, 3146, 3172, 3246, 3275, 3276, 3278-3285, 3287-3290, 3294, 3315, 3345, 3347-3349, 3351, 3352, 3381-3390, 3413, 3414, 3439, 3440, 3448-3450, 3462, 3464-3467.

Corrosive substances of Class 8, PG I:

UN numbers 1052, 1744, 1790 (“S17” to be replaced by “S14”)

UN numbers 1739, 1754, 1758-1760, 1777, 1786, 1796, 1826, 1828, 1829, 1831, 1834, 1836, 1903, 1905, 2029-2032, 2054, 2240, 2401, 2430, 2444, 2604, 2692, 2699, 2734, 2735, 2801, 2879, 2920-2923, 3084, 3093-3096, 3145, 3147, 3259-3267, 3301 (“S20” to be replaced by “S14”)
UN number 2030 PG I (insert “S14”)

- (b) UN numbers for substances of Class 3 PG I currently assigned to S19 for which the new S22 is proposed:

UN number 1093, 1099, 1100, 1131, 1194, 1921, 1986, 1988, 1991, 1992, 2336, 2481, 2483, 2605, 2758, 2760, 2762, 2764, 2772, 2776, 2778, 2780, 2782, 2784, 2787, 2983, 3021, 3024, 3079, 3273, 3286, 3346, 3350.

- (c) Gases of Class 2 for which “S20” is to be added:

UN numbers 1049, 1954, 1957, 1964, 1971, 2034.

- (d) UN numbers for perchlorates, ammonium nitrates and ammonium nitrate fertilizers for which the new “S23” is proposed:

UN numbers 1442, 1447, 1455, 1470, 1475, 1481, 1489, 1502, 1508, 1942, 2067, 2426.
