



WORKING PAPER

**DANGEROUS GOODS PANEL (DGP)
WORKING GROUP MEETING (DGP-WG/18)**

Montréal, 1 to 5 October 2018

Agenda Item 2: Managing air-specific safety risks and identifying anomalies

2.2: Develop proposals, if necessary, for amendments to the Instructions for the Safe Transport of Dangerous Goods by Air (Doc 9284) for incorporation in the 2021-2022 Edition

ADDITION OF SPECIAL PROVISION A5 AGAINST UN 3535

(Presented by D. Brennan)

SUMMARY

This working paper proposes that Special Provision A5 be assigned to the entry UN 3535 — Toxic solid, flammable, inorganic, n.o.s. in Table 3-1.

Action by the DGP-WG: The DGP is invited to consider the amendment to Table 3-1 as shown in the appendix to this working paper. The DGP-WG is also invited to consider if this change, if adopted, should be included in a corrigendum to the 2019-2020 Edition of the Technical Instructions.

1. INTRODUCTION

1.1 During the last biennium there was work undertaken by the panel to consider for incorporation into the 2019-2020 Edition of the Technical Instructions the changes adopted into the 20th revised edition of the UN Model Regulations.

1.2 Among the changes considered was the inclusion into Table 3-1 of the new UN numbers and proper shipping names from the UN Model Regulations and then application of the specific air transport requirements for those new UN entries, i.e. packing instruction(s), net quantity(ies) and any special provisions that were considered applicable.

1.3 When the entry for UN 3535 — Toxic solid, flammable, inorganic, n.o.s. was adopted, the packing instructions and net quantities were aligned to that for equivalent substances for each packing group. However, what was omitted was assignment of Special Provision A5 against UN 3535.

1.4 Special Provision A5 identifies that solids with an inhalation toxicity of Packing Group I are forbidden on passenger aircraft. This special provision has been assigned to all Division 6.1 entries for solids in PG I, see extract from Table 3-1, below:

Name	UN No.	Class or division	Subsidiary risk	Labels	State variations	Special provisions	UN packing group	Excepted quantity	Passenger and cargo aircraft		Cargo aircraft only			
									Packing instruction	Max. net quantity per package	Packing instruction	Max. net quantity per package		
1	2	3	4	5	6	7	8	9	10	11	12	13		
Toxic solid, corrosive, organic, n.o.s.*	2928	6.1	8	Toxic & Corrosive		A5	I II	E5 E4	665	1 kg	672	15 kg		
									668	15 kg			675	50 kg
									Y644	1 kg				
Toxic solid, flammable, organic, n.o.s.*	2930	6.1	4.1	Toxic & Solid flammable		A5	I II	E5 E4	665	1 kg	672	15 kg		
									668	15 kg			675	50 kg
									Y644	1 kg				
Toxic solid, inorganic, n.o.s.*	3288	6.1		Toxic		A3 A5	I II III	E5 E4 E1	666	5 kg	673	50 kg		
									669	25 kg			676	100 kg
									Y644	1 kg				
									670	100 kg				
Y645	10 kg													
Toxic solid, organic, n.o.s.*	2811	6.1		Toxic		A3 A5	I II III	E5 E4 E1	666	5 kg	673	50 kg		
									669	25 kg			676	100 kg
									Y644	1 kg				
									670	100 kg				
Y645	10 kg													

1.5 However, from the report of DGP/26, Special Provision A5 is not assigned to the entry for UN 3535

≠	Machinery, fuel cell, flammable gas powered	3529	2.1		Gas flammable		A70 A87 A176 A208		E0	FORB	DDEN	220	No limit
+	Toxic solid, flammable, inorganic, n.o.s.*	3535	6.1	4.1	Toxic & Solid flammable			I II	E5 E4	665 668 Y644	1 kg 15 kg 1 kg	672 675	15 kg 50 kg

2. ACTION BY THE DGP-WG

2.1 The DGP-WG is invited to consider assigning Special Provision A5 against the entry for UN 3535 — Toxic solid, flammable, inorganic, n.o.s. as shown in the appendix to this working paper.

2.2 If the proposal in paragraph 2.1 is agreed, the DGP-WG is also invited to consider if this change should be adopted in a corrigendum to the 2019-2020 Edition of the Technical Instructions.

APPENDIX

PROPOSED AMENDMENT TO PART 3 OF THE TECHNICAL INSTRUCTIONS

Part 3

DANGEROUS GOODS LIST,
SPECIAL PROVISIONS AND
LIMITED AND EXCEPTED QUANTITIES

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Chapter 2

ARRANGEMENT OF THE
DANGEROUS GOODS LIST (TABLE 3-1)

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Table 3-1. Dangerous Goods List

Name 1	UN No. 2	Class or division 3	Subsidiary risk 4	Labels 5	State variations 6	Special provisions 7	UN packing group 8	Excepted quantity 9	Passenger aircraft		Cargo aircraft	
									Packing instruction 10	Max. net quantity per package 11	Packing instruction 12	Max. net quantity per package 13
Toxic solid, flammable, inorganic, n.o.s.*	3535	6.1	4.1	Toxic & Solid flammable		A5	I II	E5 E4	665 668 Y644	1 kg 15 kg 1 kg	672 675	15 kg 50 kg
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