



WORKING PAPER

DANGEROUS GOODS PANEL (DGP)

TWENTY-EIGHTH MEETING

Virtual, 15 to 19 November 2021

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

2.2: Develop proposals, if necessary, for amendments to the *Technical Instructions for the Safe Transport of Dangerous Goods by Air (Doc 9284)* for incorporation in the 2023-2024 Edition

ASSIGNMENT OF SPECIAL PROVISION A1 TO UN 2881

(Presented by P. Guo)

SUMMARY

This working paper proposes to assign Special Provision A1 to UN 2881.

Action by the DGP: The DGP is invited to consider assigning Special Provision A1 to UN 2881 in Table 3-1 of the Technical Instructions as shown in Appendix A to this working paper and to Table S-3-1 of the Supplement to the Technical Instructions as shown in Appendix B to this working paper.

1. INTRODUCTION

1.1 UN 2881 — **Metal catalyst, dry**, Packing Group I is forbidden to be transported on both passenger and cargo aircraft and UN 2881 — **Metal catalyst, dry**, Packing Group II is forbidden to be transported on passenger aircraft. Special Provisions A3 and A36 are assigned to UN 2881:

Name	UN No.	Class or division	Subsidiary risk	Labels	State variations	Special provisions	UN packing group	Excepted quantity	Passenger aircraft		Cargo aircraft	
									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
Metal catalyst, dry*	2881	4.2		Spontaneous combustion		A3 A36	II III	E0 E1	FORBIDDEN FORBIDDEN 473	25 kg	FORBIDDEN 473	50 kg 100 kg
...												

1.2 Special Provision A36 specifies that the provisions of Special Provision A2 apply to the entry for Packing Group I only and the provisions of Special Provision A1 apply to the entry for Packing Group III only, yet neither A1 nor A2 is listed in the special provision field for UN 2881 as is the case for

other substances which have A36 assigned. For example, Special Provisions A36 and A1 are assigned to UN 1228, UN 2030 and UN 3448.

A36 The provisions of Special Provision A2 apply to this entry for Packing Group I only and the provisions of Special Provision A1 apply to this entry for Packing Group II only, as applicable.

1.3 Table S-3-1 in *Supplement to the Technical Instructions for the Safe Transport of Dangerous Goods by Air* (Doc 9284SU) indicates that UN 2881 — **Metal catalyst, dry**, Packing Group I is forbidden for transport on both passenger and cargo aircraft, but provides a reference to Packing Instruction 473 for passenger aircraft for UN 2881 — **Metal catalyst, dry**, Packing Group II. This implies that Special Provision A1 should be assigned to UN 2881.

Name	UN No.	Class or division	Subsidiary risk	Labels	State variations	Special provisions	UN packing group	Excepted quantity	Passenger aircraft		Cargo aircraft	
									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
Metal catalyst, dry*	2881	4.2		Spontaneous combustion		A3 A36	I II	E0	FORBIDDEN 473	(15 kg)	FORBIDDEN 473	50 kg
...												

2. ACTION BY THE DGP

2.1 The DGP is invited to consider assigning Special Provision A1 to UN 2881 in Table 3-1 of the Technical Instructions as shown in Appendix A to this working paper and to Table S-3-1 of the Supplement to the Technical Instructions as shown in Appendix B to this working paper.

APPENDIX A

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	UN No.	Class or division	Subsidiary risk	Labels	State variations	Special provisions	UN packing group	Excepted quantity	Passenger aircraft		Cargo aircraft	
									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
Metal catalyst, dry*	2881	4.2		Spontaneous combustion		A1 A3 A36	II III	E0 E1	FORBIDDEN FORBIDDEN 473	25 kg	FORBIDDEN 473	50 kg 100 kg
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APPENDIX B

PROPOSED AMENDMENT TO PART S-3 OF THE SUPPLEMENT TO THE TECHNICAL INSTRUCTIONS

Part S-3. DANGEROUS GOODS LIST, SPECIAL PROVISIONS AND QUANTITY LIMITATIONS

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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
Metal catalyst, dry*	2881	4.2		Spontaneous combustion		A1 A3 A36	I II	E0	FORBIDDEN 473	(15 kg)	FORBIDDEN 473	50 kg
...												

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