



DANGEROUS GOODS PANEL (DGP)

THIRTIETH MEETING

Montréal, 6 to 10 October 2025

Agenda Item 2: Managing air-specific safety risks and identifying anomalies (REC-A-DGS-2027)

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 2027-2028 Edition

UN 3552 AND SPECIAL PROVISION A48

(Presented by D. Sylvestre)

SUMMARY

With the aim of minimizing any probability of confusion in applying the packing instructions for UN3552 Sodium ion batteries packed with equipment, this paper proposes the removal of special provision A48.

Action by the DGP: The DGP is invited to consider removing the assignment of Special Provision A48 from UN 3552 – **Sodium ion batteries packed with equipment** as shown in the appendix to this working paper.

1. INTRODUCTION

1.1 When the packing instruction for UN 3552 – **Sodium ion batteries packed with equipment** were developed, it was decided to follow a similar model as previously used for UN 3091 – **Lithium metal batteries packed with equipment** and UN 3481 – **Lithium ion batteries packed with equipment**. In a similar way, the applicable special provisions listed in Table 3-1 for UN 3091 and UN 3481 were evaluated and added to UN 3552 when applicable.

1.2 In the current Table 3-1, Special Provision A48, which states that packaging tests are not considered necessary, is assigned to UN 3552 – **Sodium ion batteries packed with equipment** but not to UN 3091 – **Lithium metal batteries packed with equipment** or UN3481 – **Lithium ion batteries packed with equipment**. Considering that Special Provision A48 would only apply to Section II of Packing Instruction 977, we believe that it should not be assigned as it is not applicable to Section I, which requires UN specification packaging.

2. **ACTION BY THE DGP**

2.1 The DGP is invited to consider removing the assignment of Special Provision A48 from UN 3552 – **Sodium ion batteries packed with equipment** as shown in the appendix to this working paper.

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APPENDIX

PROPOSED CHANGES TO TABLE 3-1

Part 3

DANGEROUS GOODS LIST, SPECIAL PROVISIONS AND LIMITED AND EXCEPTED QUANTITIES

Chapter 2

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

Table 3-1. Dangerous Goods List

Name	UN No.	Class or division	Subsidiary hazard	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
Sodium ion batteries contained in equipment with organic electrolyte	3552	9		Miscellaneous — Lithium or sodium ion batteries		A48 A88 A99 A154 A185 A228 A235		E0	978	5 kg	978	35 kg
Sodium ion batteries packed with equipment with organic electrolyte	3552	9		Miscellaneous — Lithium or sodium ion batteries		A48 A88 A99 A154 A185 A228 A235		E0	977	5 kg	977	35 kg

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