



WORKING PAPER

**DANGEROUS GOODS PANEL (DGP)
WORKING GROUP MEETING (DGP-WG/21)**

Virtual Meeting, 24 to 28 May 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

REVISION TO REQUIRED SPECIAL PROVISION NUMBERS ON TRANSPORT DOCUMENT

(Presented by D. Brennan)

SUMMARY

This working paper proposes revision to Part 5;4.1.5.8.1 b) to clarify the list of special provision numbers that must be referenced on the transport document.

Action by the DGP-WG is in paragraph 2.

1. INTRODUCTION

1.1 Part 5;4.1.5.8.1 b) contains a list of special provision numbers that must be referenced on the dangerous goods transport document when the special provision has been applied to the particular UN number that is part of the consignment. Upon checking the requirement to specify the special provision number on the transport document of certain special provisions, the list in Part 5;4.1.5.8.1 b) was found to be inconsistent.

1.2 The inconsistencies identified include:

1.2.1 Special Provision A88 — the requirement to note special provision number “A88” on the transport document was adopted at DGP/25 through the harmonization with the UN Recommendations but not added to 5;4.1.4.8.1. b).

A88 Pre-production prototypes of lithium batteries or cells, when these prototypes are transported for testing, or low production runs (i.e. annual production runs consisting of not more than 100 lithium batteries or cells) of lithium batteries or cells that have not been tested to the requirements in Part III, subsection 38.3 of the UN *Manual of Tests and Criteria* may be transported aboard cargo aircraft if approved by the appropriate authority of the State of Origin and the State of the Operator and the requirements in Packing Instruction 910 of the Supplement are met.

A copy of the document of approval including the quantity limitations must accompany the consignment. Transport in accordance with this special provision must be noted on the dangerous goods transport document.

Irrespective of the limit specified in column 13 of Table 3-1, the battery or battery assembly as prepared for transport may have a mass exceeding 35 kg.

1.3 Special Provision A208 is included in Part 5;4.1.5.8.1 b), but it is believed this is not required as there is nothing in Special Provision A208 specifying the need for the special provision to be shown on the dangerous goods transport document. In addition, Special Provision A208 does not have specific information that acceptance staff need to be made aware of, such as having a copy of an approval to accompany the consignment.

- A208 (≈363) a) This entry applies to engines or machinery, powered by fuels classified as dangerous goods via internal combustion systems or fuel cells (e.g. combustion engines, generators, compressors, turbines, heating units).
- b) Engines and machinery containing fuels meeting the classification criteria of Class 3 must be consigned under the entries UN 3528 — **Engine, internal combustion, flammable liquid powered** or UN 3528 — **Engine, fuel cell, flammable liquid powered** or UN 3528 — **Machinery, internal combustion, flammable liquid powered** or UN 3528 — **Machinery, fuel cell, flammable liquid powered**, as appropriate.
- c) Engines and machinery containing fuels meeting the classification criteria of Division 2.1 must be consigned under the entries UN 3529 — **Engine, internal combustion, flammable gas powered** or UN 3529 — **Engine, fuel cell, flammable gas powered** or UN 3529 — **Machinery, internal combustion, flammable gas powered** or UN 3529 — **Machinery, fuel cell, flammable gas powered**, as appropriate.
- Engines and machinery powered by both a flammable gas and a flammable liquid must be consigned under the appropriate UN 3529 entry.
- d) Engines and machinery containing liquid fuels meeting the classification criteria for environmentally hazardous substances and not meeting the classification criteria of any other class or division, must be consigned under the entries UN 3530 — **Engine, internal combustion** or UN 3530 — **Machinery, internal combustion**, as appropriate.

1.4 Apart from the amendment to Part 5;4.1.5.8.1 b), it is proposed to insert the requirement to annotate special provision numbers A1 and A2 into the special provision for consistency.

2. ACTION BY THE DGP-WG

2.1 The DGP-WG is invited to consider the revisions to Part 5;4.1.5.8.1 b), and Special Provision A1 and Special Provision A2 as shown in the appendix to this working paper.

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 3

SPECIAL PROVISIONS

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Table 3-2. Special provisions

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A1 This article or substance may be transported on passenger aircraft only with the prior approval of the appropriate authority of the State of Origin and the State of the Operator under the written conditions established by those authorities. The conditions must include the quantity limitations and packing requirements and these must comply with S-3;1.2.2 of the Supplement. A copy of the document(s) of approval, showing the quantity limitations and packing requirements, must accompany the consignment. Transport in accordance with this special provision must be noted on the dangerous goods transport document. The article or substance may be carried on cargo aircraft in accordance with columns 12 and 13 of Table 3-1.

When States, other than the State of Origin and the State of the Operator, have notified ICAO that they require prior approval of shipments made under this special provision, approval must also be obtained from these States, as appropriate.

A2 This article or substance may be transported on cargo aircraft only with the prior approval of the appropriate authority of the State of Origin and the State of the Operator under the written conditions established by those authorities.

When States, other than the State of Origin and the State of the Operator, have notified ICAO that they require prior approval of shipments made under this special provision, approval must also be obtained from the States of transit, overflight and destination, as appropriate.

In each case, the conditions must include the quantity limitations and packing requirements and these must comply with S-3;1.2.3 of the Supplement. A copy of the document(s) of approval, showing the quantity limitations and the packing and labelling requirements, must accompany the consignment. Transport in accordance with this special provision must be noted on the dangerous goods transport document.

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PROPOSED AMENDMENT TO PART 5 OF THE TECHNICAL INSTRUCTIONS

Part 5

SHIPPER'S RESPONSIBILITIES

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Chapter 4

DOCUMENTATION

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4.1.5 Information required in addition to the dangerous goods description

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4.1.5.8 Additional requirements

4.1.5.8.1 The dangerous goods transport document must also contain:

- a) except for radioactive material, the packing instruction applied. For shipments of lithium batteries prepared in accordance with Section IB of Packing Instruction 965 or Packing Instruction 968, the letters "IB" must be added following the packing instruction number;

+ *Note.— Packing Instruction 622 from the 2019-2020 Edition of these Instructions was renumbered as 621 in this edition. Until 31 March 2021, Packing Instruction 622 may continue to be indicated on the dangerous goods transport document when applied to UN 3291, **Biomedical waste, n.o.s., Clinical waste, unspecified, n.o.s., Medical waste, n.o.s., or Regulated medical waste, n.o.s.***

- b) when applicable, reference to Special Provision A1, A2, A4, A5, A51, A78, A88, A190, A191, A201, A202, ~~A208~~, A211 or A212;

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