



WORKING PAPER

DANGEROUS GOODS PANEL (DGP)

TWENTY-SIXTH MEETING

Montréal, 16 to 27 October 2017

Agenda Item 2: Development of recommendations for amendments to the *Technical Instructions for the Safe Transport of Dangerous Goods by Air (Doc 9284)* for incorporation in the 2019-2020 Edition

ADDITIONAL PACKING REQUIREMENTS FOR UN 1308

(Presented by D. Brennan)

SUMMARY

This working paper proposes additional restrictions in Packing Instructions 361 and 364 for UN 1308 to align to the provisions set out in P001 in the UN Model Regulations.

Action by the DGP: The DGP is invited to consider revising the provisions of Packing Instructions 361 and 364 as shown in the appendix to this working paper.

1. INTRODUCTION

1.1 At the 51st session of the UN Subcommittee that was held in early July a working paper submitted by the expert from Germany drew attention to the wording of special packing provision PP33 in Packing Instruction P001 of the UN Model Regulations.

1.2 The working paper proposed some clarification to the wording of PP33 which was not adopted by the Subcommittee. However, what was confirmed in the meeting is that PP33 limits the packing of UN 1308 — **Zirconium suspended in a flammable liquid** in Packing Groups I and II to combination packagings only with a maximum gross mass of 75 kg.

1.3 The Technical Instructions however permit single packagings for UN 1308 in both Packing Group I and Packing Group II in Packing Instructions 361 and 364 respectively. This is less restrictive than permitted by the UN Model Regulations and therefore inconsistent with multi-modal harmonization. The 75 kg gross mass restriction should not be an issue as Packing Instruction 361 limits the net quantity to 30 L and Packing Instruction 364 to 60 L.

1.4 Based on the restriction set out in PP33 in P001 in the UN Model Regulations it is proposed to introduce wording into the two packing instructions to restrict UN 1308 to combination packagings only.

2. ACTION BY THE DGP

2.1 The DGP is invited to consider the revisions to Packing Instruction 361 and Packing Instruction 364 as shown in the appendix to this working paper.

APPENDIX

PROPOSED AMENDMENT TO PART 4 OF THE TECHNICAL INSTRUCTIONS

Part 4

PACKING INSTRUCTIONS

...

Chapter 5

CLASS 3 — FLAMMABLE LIQUIDS

...

Packing Instructions 360 – 366

Cargo aircraft only

...

ADDITIONAL PACKING REQUIREMENTS FOR SINGLE PACKAGINGS

For UN 1308

Single packagings for Packing Group I and Packing Group II are not permitted.

Packing Group III

- Packagings must meet the Packing Group II performance requirements if the substance has a Class 8 subsidiary risk.

...

...

— END —