



**WORKING PAPER**

**DANGEROUS GOODS PANEL (DGP)**

**TWENTY-THIRD MEETING**

**Montréal, 11 to 21 October 2011**

**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 2013-2014 Edition**

**PACKING INSTRUCTION FOR 1.4S ARTICLES IN LIMITED QUANTITIES**

(Presented by the Dangerous Goods Advisory Council)

**SUMMARY**

This paper proposes a new Y Packing instruction for certain 1.4S articles.

**Action by the DGP:** The DGP is invited to replace “[5kg]” with “20kg” in column 11 for the entries UN 0012, 0014 and 0055 as shown in Appendix B of DGP-WG/11-WP71 and to consider the following new limited quantity packing instruction as presented in the Appendix.

**1. INTRODUCTION**

1.1 Based on amendments adopted in the 17<sup>th</sup> revised edition of the UN Model Regulations, the DGP Working Group of the Whole Meeting in Atlantic City (DGP-WG/11, 4 to 8 April 2011) considered provisions permitting selected entries used for consumer ammunition and power tools in Division 1.4S (UN 0012, UN 0014 and UN 0055) to be transported as limited quantities of dangerous goods. It was recognized that a new Y packing instruction was needed for this purpose (DGP/23-WP/3, paragraph 3.2.9.2 a) refers).

1.2 In this paper, DGAC provides a draft packing instruction for consideration by the DGP.

1.3 Note that while UN 0012 and 0014 are assigned to Packing Instruction 130 and UN 0055 is assigned to Packing Instruction 136, only a single Y packing instruction is deemed necessary, considering that the new packing instruction would cover cartridges of comparable size independent of the UN number used.

1.4 In relation to discussions at DGP-WG/11 (DGP/23-WP/3, paragraph 3.2.9.2 refers), DGAC also proposes a value of “20 kg” for limited quantity packagings of UN 0012, UN 0014 and UN 0055 in place of the square bracketed maximum gross mass of 5 kg in column 11 proposed at DGP-WG/11 (Appendix B to DGP/23-WP/3, Table 3-1 amendments refer). The increase in net weight is balanced by the fact that 90-95% of the weight of these articles is inert material. The actual dangerous goods of a 20 kg package would therefore equal between one and two kilograms, highly interspersed in small robust articles without the power to ignite each other. We note that in deciding to permit these selected 1.4S articles to be transported as limited quantities, the UN explosives working group reviewed extensive testing and experience and concluded that for these articles there was “no technical basis for excluding these 1.4S articles from transport under limited quantity provisions.”

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**APPENDIX**

**PROPOSED AMENDMENTS TO THE TECHNICAL INSTRUCTIONS**

**Part 3**

**DANGEROUS GOODS LIST,  
SPECIAL PROVISIONS AND  
LIMITED AND EXCEPTED QUANTITIES**

**Table 3-1. Dangerous Goods List**

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*Amend “[5 kg]” in column 11 of Table 3-1, as presented in DGP/23-WP/6, to read “20 kg” for UN 0012, 0014 and 0055.*

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## Part 4

# PACKING INSTRUCTIONS

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## Chapter 3

### CLASS 1 — EXPLOSIVES

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### 3.4 PACKING INSTRUCTIONS

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#### Packing Instruction Y1XX

Limited quantities for UN 0012, 0014 and 0055 only

#### OUTER PACKAGINGS

Inner packagings

Not necessary

Intermediate packagings

Not necessary

Outer packagings

Boxes

aluminium (4B)

fibreboard (4G)

natural wood, ordinary (4C1)

natural wood, with sift proof

walls (4C2)

plywood (4D)

reconstituted wood (4F)

solid plastics (4H2)

steel (4A)

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