



WORKING PAPER

**DANGEROUS GOODS PANEL (DGP)
MEETING OF THE WORKING GROUP OF THE WHOLE**

Beijing, China, 25 October to 3 November 2006

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 2009/2010 Edition

2.5: Part 5 — Shipper's Responsibilities

**MARKING REQUIREMENTS FOR PACKAGES CONTAINING
LIMITED QUANTITIES OF DANGEROUS GOODS**

(Presented by K. Vermeersch)

SUMMARY

This working paper proposes amendment to 5;2.4.1.1 in order to increase harmonization between different modes of transportation in marking requirements for packages containing limited quantities of dangerous goods.

Action by the DGP-WG is in paragraph 2.

1. INTRODUCTION

1.1 The following new paragraph has been added to Part 5;2.4.1.1 of the ICAO Technical Instructions 2007-2008 edition:

For packages containing limited quantities of dangerous goods, the UN number (preceded by the letters "UN") may be placed within a diamond. If the diamond marking is applied, the following requirements must be met. The width of the line forming the diamond must be at least 2 mm; the number must be at least 6 mm high. When more than one substance is included in the package and the substances are assigned to different UN numbers, then the diamond must be large enough to include each relevant UN number.

1.2 During some discussion however, it was pointed out by some members that some packages which do not comply with the ICAO provisions for limited quantities may comply with the provisions of limited quantities as specified by the other modes of transport (e.g. ADR and IMO).

Example: UN 1263 Paint PG II
5 Litres on Passenger aircraft.

- The ICAO Technical Instructions require UN specification packaging
- Under the ADR and the IMDG Code the package can be carried under the provisions for limited quantities.

1.3 To increase the harmonization between the different modes and to avoid that people carrying out acceptance checks on UN specification packages reject packages because they also see the UN number in a diamond, it is proposed to change the current text.

2. ACTION BY THE DGP-WG

2.1 The DGP-WG is invited to *amend* Part 5; 2.4.1.1 as follows:

For packages containing limited quantities of dangerous goods, the UN number (preceded by the letters “UN”) ~~may~~ **must** be placed within a diamond. Any other package, however, which complies with the provisions for limited quantities as specified by any of the other modes may also have the UN number shown in a diamond. If the diamond marking is applied, the following requirements must be met. The width of the line forming the diamond must be at least 2 mm; the number must be at least 6 mm high. When more than one substance is included in the package and the substances are assigned to different UN numbers, then the diamond must be large enough to include each relevant UN number.

~~— *Note.* — It is anticipated that displaying the UN number within a diamond for packages containing limited quantities of dangerous goods will become mandatory as of 1 January 2009.~~

Editorial Note.— It is anticipated that displaying the UN number within a diamond for packages containing limited quantities of dangerous goods will become mandatory as of 1 January 2009 which is why “may” in the first sentence has been replaced with “must”.

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