



**WORKING PAPER**

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

Montreal 15 – 19 April 2013

- 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 2015/2016 Edition**
- 2.3: Part 3 — Dangerous Goods List, Special Provisions and Limited and Excepted Quantities**

**SIZE AND PLACEMENT OF THE LIMITED QUANTITY MARK**

(Presented by D. Brennan)

**SUMMARY**

This working paper seeks some discussion on the allowance for a reduced size for the limited quantity mark and the placement of this mark on packages.

Action by the DGP-WG is in paragraph 2.

**1. INTRODUCTION**

1.1 Prior to the 2011-2012 Edition of the Technical Instructions, packages containing dangerous goods in limited quantity were required to be marked with the words “limited quantity” or “LTD QTY”. This changed with effect from the 2011-2012 Edition with the introduction of the new diamond-shaped “Y” mark.

1.2 The provisions for the size of this “Y” mark are based on those in the UN Recommendations and require that the size of the mark be 100 mm x 100 mm unless the packages are of such dimensions that they can only bear a smaller mark, the dimension may be reduced to be not less than 50 mm x 50 mm provided the marking remains clearly visible.

1.3 While this indication for limited quantity to be applied to packages is stated as being a mark, in practice many shippers use a self-adhesive label and consequently the label industry has developed two sizes of labels 100 mm x 100 mm and 50 mm x 50 mm.

1.4 There has however been some question raised by at least one regulatory authority on the use of a 50 mm x 50 mm “label” when there was sufficient space for the LQ mark to be applied with dimensions of more than 50 mm x 50 mm, although not the full size 100 mm x 100 mm.

1.5 While in theory the LQ mark should only be reduced in size to that necessary to fit it onto the package, this ignores the practical reality that label manufacturers only produce the LQ mark in two sizes, 100 mm x 100 mm and 50 mm x 50 mm. To expect manufacturers to produce these in a range of sizes and shippers to have to stock in different sizes, just in case they could fit these on a package, appears impractical.

1.6 Another issue that has emerged with the LQ mark is on the placement of this on the package. There is a proposal in DGP-WG/13-WP/3 to clarify that Part 5;3.2.8 only applies to the placement of hazard labels on packages and the placement of other labels, or “marks” applied as labels are not subject to these requirements. However, the DGP-WG is invited to confirm that there is no restriction or specific requirement on where on the package the LQ mark may be applied, i.e. the LQ mark does not have to be applied on the same side as the hazard label(s).

## 2. ACTION BY THE DGP-WG

2.1 The DGP-WG is invited to :

- a) consider a revision to the text for Figure 3-1 as shown in the appendix to this working paper.
- b) confirm that there is no specification on just where on the package this LQ mark may be applied.

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APPENDIX

PROPOSED AMENDMENT TO PART 3 OF THE TECHNICAL INSTRUCTIONS

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**PART 3**

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

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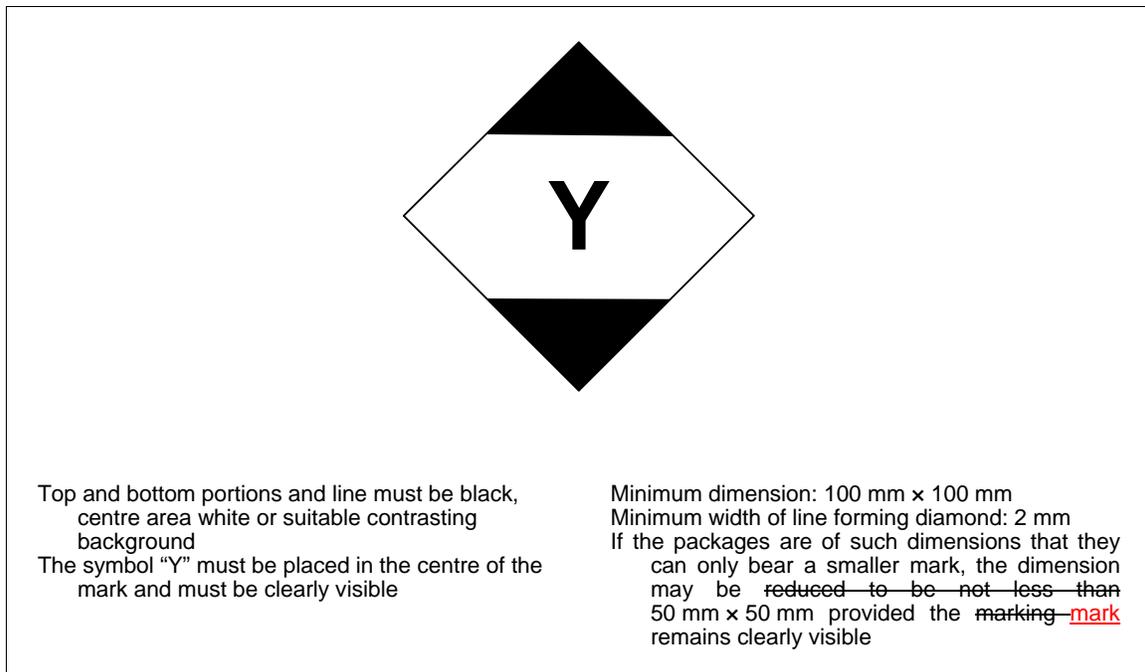
**Chapter 4**

**DANGEROUS GOODS IN LIMITED QUANTITIES**

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**4.7 DANGEROUS GOODS TRANSPORT DOCUMENT**

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**Figure 3-1. Limited quantities mark**