International Civil Aviation Organization

DGP-WG/12-WP/5
28/8/12

WORKING PAPER

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

Montréal, 15 to 19 October 2012

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

2.5: Part 5 — Shipper's Responsibilities

LABEL DIMENSIONS

(Presented by D. Brennan)

SUMMARY

This working paper proposes that all labels specific to air transport are clearly defined so that there is no ambiguity on the label design and dimensions.

Action by the DGP-WG is in paragraph 2.

1. INTRODUCTION

1.1 Through the course of the current biennium the UN Subcommittee has considered proposals submitted by the Expert from the United Kingdom to more clearly specify the exact design and dimensions of the marks and labels shown in the UN Model Regulations.

1.2 At the last meeting of the UN Subcommittee (Forty-first Session) there was agreement on the proposal from the United Kingdom and these changes will be considered for adoption by the panel at DGP-WG/13 as part of the process of aligning the Technical Instructions with the UN Model Regulations.

1.3 There are however, a number of labels that are specific to air transport, as provided for in the Technical Instructions and it is believed that the design and dimensions of these labels should be similarly defined so there is no ambiguity.

1.4 The labels specific to air transport are:

a) magnetized material (Figure 5-24);

b) cargo aircraft only (Figure 5-25);

c) cryogenic liquid (Figure 5-28);

d) keep away from heat (Figure 5-29);

e) radioactive material, excepted package (Figure 5-30); and

f) lithium battery handling label (Figure 5-31).

2. ACTION BY THE DGP-WG

2.1 The DGP-WG is invited to amend the applicable provisions of Part 5;3 as shown in the appendix to this working paper.

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APPENDIX

PROPOSED AMENDMENTS TO PART 5 OF THE TECHNICAL INSTRUCTIONS

3.5.2 Handling labels

3.5.2.1 Handling label specifications

An illustration of each of the handling labels showing the approved design and colour is given in Figures 5-24 to 5-26 and Figures 5-28 to 5-31. The minimum label dimensions are shown in the figures~~.~~. Where dimensions are not specified, all features must be in approximate proportion to those shown; however:

a) labels having dimensions not smaller than half of those indicated may be used on packages containing infectious substances when the packages are of dimensions such that they can only bear smaller labels; and

b) orientation labels may meet the specification of either Figure 5-26 or ISO Standard 780:1997.

3.5.2.2 Lithium battery handling label

Packages containing lithium batteries that meet the requirements of Section II of Packing Instructions 965 to 970 must bear a “Lithium battery” handling label shown in Figure 5-31, as required by the applicable packing instruction. The label must be a minimum dimension of 120 mm wide × 110 mm high except labels of ~~74~~105 mm wide × ~~105~~74 mm high may be used on packages containing lithium batteries where the packages are of dimensions such that they can only bear smaller labels. When the reduced size label is used, the label features must be in approximate proportion to those shown on the full-size label (Figure 5-31). The label must show “Lithium metal batteries” or “Lithium ion batteries”, as applicable. Where the package contains both types of batteries, the label must show “Lithium metal and lithium ion batteries”. Packages containing lithium batteries that meet the requirements of Section IB of Packing Instructions 965 and 968 must bear both a “Lithium battery” handling label shown in Figure 5-31 and a Class 9 hazard label (Figure 5-23).

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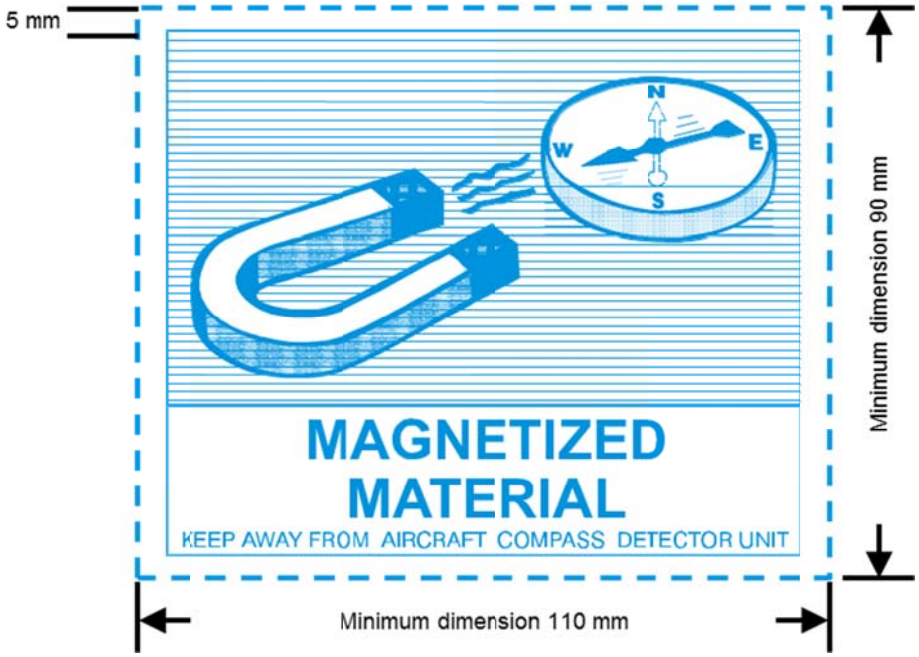
Amend Figures 5-24, 5-25, 5-28, 5-29, 5-30 and 5-31 as follows:

~~(Magnetic)~~

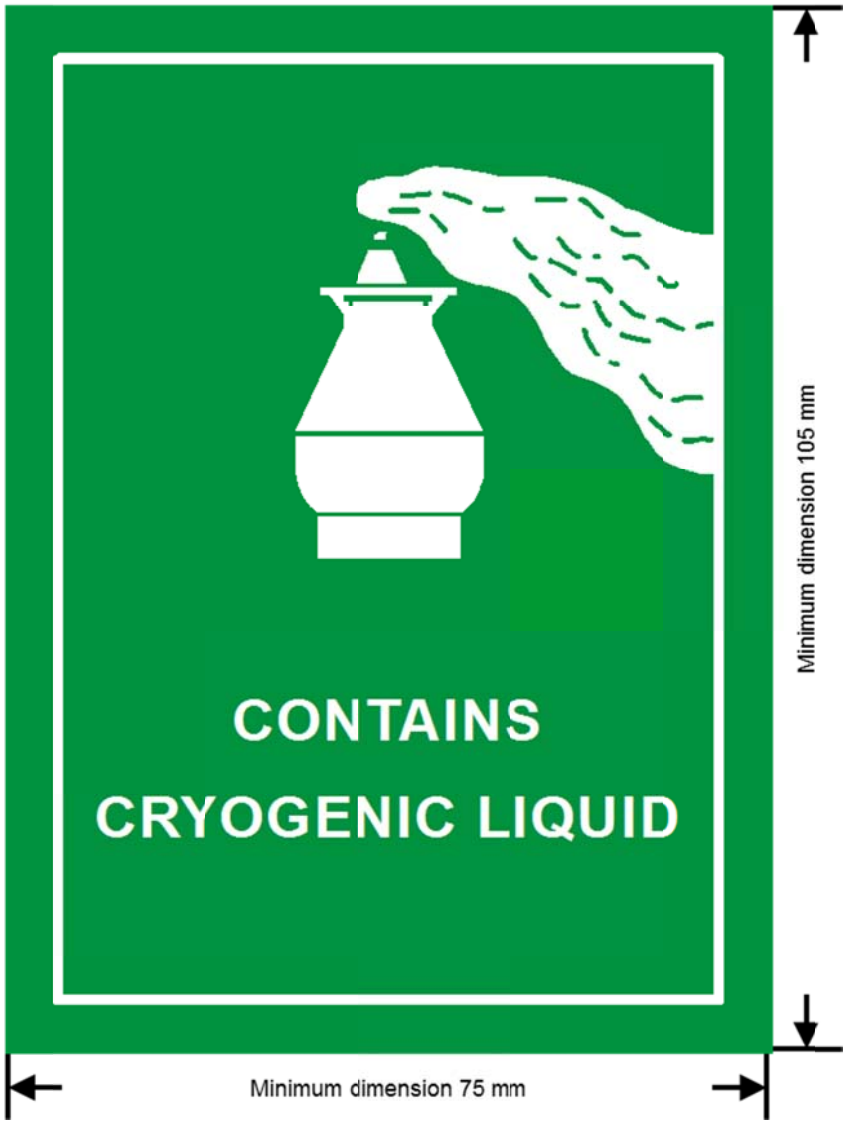


Colour: blue on white
~~Dimensions: 110 mm × 90 mm~~

Figure 5-24. Magnetized material

Colour: black on orange
~~Dimensions: 120 mm × 110 mm~~

Figure 5-25. Cargo aircraft only



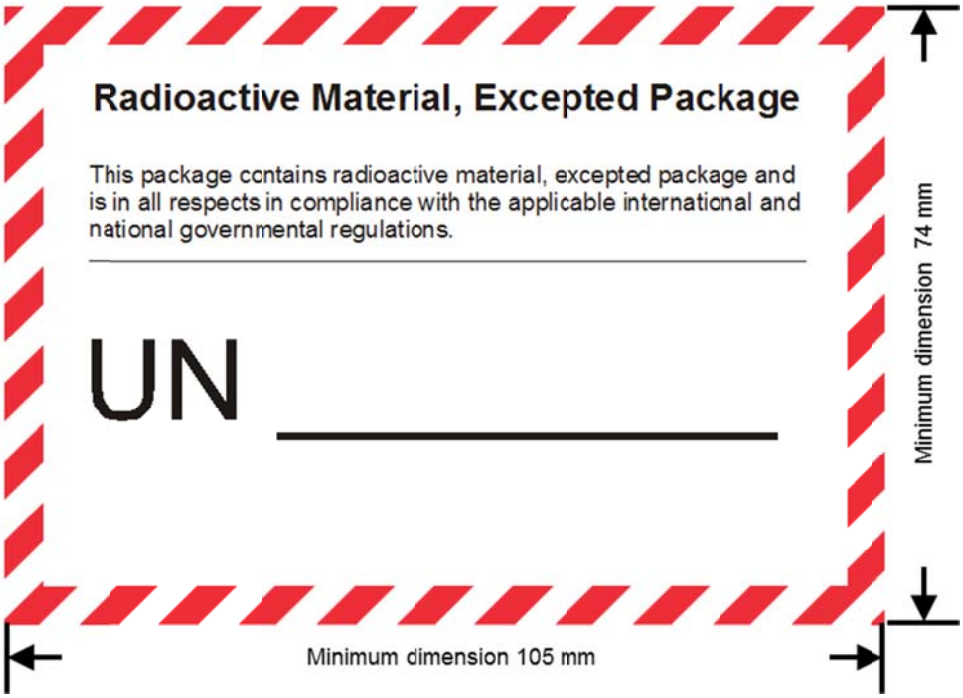
Symbol: white
Background: green
~~Dimensions: 75 mm x 105 mm~~

Note.— The words "Caution — may cause cold burn injuries if spilled or leaked" are optional and may be included.

Figure 5-28. Cryogenic liquid label

Colour: red or black on a white background
~~Dimensions: 74 mm × 105 mm~~

Figure 5-29. Keep away from heat



Colour: red or black on a contrasting background
~~Dimensions: 74 mm × 105 mm~~

Note.— The words "The information for this package need not appear on the Notification to Captain (NOTOC)" are optional and may be included.

Figure 5-30. Radioactive material, excepted package

Colour: red on a contrasting background
~~Dimensions: 120 × 110 mm~~

* Place for "Lithium ion battery"and/or Lithium metal battery"

Figure 5-31. Lithium battery handling label

— END —