

## COMMITTEE OF EXPERTS ON THE TRANSPORT OF DANGEROUS GOODS AND ON THE GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS

Sub-Committee of Experts on the Transport of Dangerous Goods

Thirty-first session  
Geneva, 2-6 July 2007  
Item 6 of the provisional agenda

### MISCELLANEOUS PROPOSALS OF AMENDMENTS TO THE MODEL REGULATIONS ON THE TRANSPORT OF DANGEROUS GOODS

#### References to ISO standards in the UN Model Regulations

#### Transmitted by the Expert from the United Kingdom

#### **Background**

1. At the recent Dangerous Goods Panel meeting in Memphis held during May this year the representative from the United Kingdom presented DGP-WG/07-WP/40 which highlighted a number of out of date ISO standards referenced in the ICAO technical instructions. At the end of the paper it was proposed to amend the technical instructions and inform the UN Sub-Committee. A copy of the ICAO paper is attached for information.
2. This has prompted the expert from United Kingdom to examine that paper in relation to the ISO standards in the UN Model Regulations. In some cases the references listed in the ICAO's paper have already been updated in the Orange Book. However the expert from the United Kingdom has noticed a handful of references in the Model Regulations (14<sup>th</sup> edition) which he feels should be changed. They are as follows:

#### **Volume 2**

##### Part 4

Paragraph 4.1.6.1.8: ISO 10297:1999 should be replaced by ISO 10297:2006

##### Part 5

Paragraph 5.2.1.7.1: ISO 780:1985 should be changed to ISO 780:1997 [Note this change has already been carried out for SP301]

##### Part 6

Paragraph 6.2.2.3: ISO 10297:1999 should be changed to 10297: 2006

Paragraphs 6.4.6.1, 6.4.6.2 and 6.4.6.4: the references to ISO 7195:1993 should be changed to ISO 7195:2005

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**WORKING PAPER**

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

**Memphis, 30 April to 4 May 2007**

**Agenda Item 6: Discussion of miscellaneous dangerous goods issues**

**ISO STANDARDS REFERRED TO IN THE TECHNICAL  
INSTRUCTIONS**

(Presented by G. A. Leach)

**SUMMARY**

Notification that several ISO standards referred to in the Technical Instructions for the Safe Transport of Dangerous Goods by Air are out-of-date and no longer available.

Action by the DGP-WG is in paragraph 2.

**1. INTRODUCTION**

1.1 Part 5;3.2.11b) of the Technical Instructions states that when package orientation labels are required, they must meet the same specification as either Figure 5-25, or ISO Standard 780-1985. That ISO Standard enabled smaller orientation labels than Figure 5-25 to be used if the size of the packaging was such that labels with dimension of 74 mm x 105 mm would not fit completely on one face of the packaging.

1.2 Recently, due to problems with rejections of some of the above shipper's consignments, it was necessary to obtain a copy of the ISO Standard to confirm that the provision for smaller labels still existed. However, it was found that the ISO Standard referred to in Part 5;3.2.11b) has been replaced by ISO Standard 780:1997.

1.3 Although the same wording regarding the size or orientation labels exists in the 1997 ISO Standard, the shipper cannot comply with it since it is not the Standard referred to in the Technical Instructions, nor can a copy of the 1985 Standard be obtained.

1.4 Upon looking further into the problem, it was noticed that there are several other references in the Technical Instructions to ISO Standards that have been replaced and that are therefore no longer available to States, shippers or operators. It is believed that the same ISO Standards are used in the UN Recommendations.

## 2. ACTION BY THE DGP-WG

2.1 For the information of the Secretary, the following ISO Standards, referred to in the Technical Instructions, are shown on the ISO's website ([www.iso.org](http://www.iso.org)) as being superseded:

Technical Instructions reference	ISO Standard Referred To	Current ISO Standard
Part 2; 3.1.3b)	2592:1973	2592:2000
Part 2; 7.4.6a)i) and ii) Part 2; 7.4.6b)	2919:1990 (note the ISO website indicates that this should read 2919:1980)	2919:1999
Packing instruction 916 Part 5; 3.2.11b) Part 5; 3.3.2	780-1985	780:1997
Part 4; 4.1.1.8e) Packing instruction 200	10297:1999	10297:2006
Part 5; 3.5.1.1d)	7225:1994	7225:2005
Part 6; 5.2.3	10297:1999	10297:2006
Part 6; 5.2.4	6406:1992 10461:1993 10462:1994	6406:2005 10461:2005 10462:2005
Part 6; 7.5.1 Part 6; 7.5.2a) Part 6; 7.5.4a)	7195:1993	7195:2005

2.2 It is proposed the Technical Instructions are amended to reflect the above and the UN informed accordingly.

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