



## **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**

### **MEDICAL DEVICES OR EQUIPMENT CONTAINING INFECTIOUS SUBSTANCES**

(Presented by K. Vermeersch)

#### **SUMMARY**

In order to align with the UN Recommendations, DGP/23-WP/5 contains a new paragraph 2;6.3.2.3.7 for the transport of medical devices or equipment potentially contaminated with or containing infectious substances which are being transported for disinfection, cleaning, sterilization, repair, or equipment evaluation. This paper proposes some additional requirements for air transport.

**Action by the DGP:** The DGP is invited to consider the additional requirements and amendments presented in the appendix to this working paper for incorporation in the Technical Instructions.

## **1. INTRODUCTION**

1.1 In order to align with the UN Recommendations, DGP/23-WP/5 contains a new paragraph 2;6.3.2.3.7 for the transport of medical devices or equipment potentially contaminated with or containing infectious substances which are being transported for disinfection, cleaning, sterilization, repair, or equipment evaluation.

1.2 However, as indicated in DGP/23-WP/5, additional requirements may apply for air transport. It seems that in comparison with the transport of other devices or equipment containing dangerous goods some important requirements are missing.



## APPENDIX

### PROPOSED AMENDMENT TO THE TECHNICAL INSTRUCTIONS

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*Editorial Note.*— Proposed changes to the original amendment presented in DGP/23-WP/5 are presented as **yellow-shaded text** in this amendment proposal.

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## Part 2

### CLASSIFICATION OF DANGEROUS GOODS

#### Chapter 6

#### CLASS 6 — TOXIC AND INFECTIOUS SUBSTANCES

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##### 6.3 DIVISION 6.2 — INFECTIOUS SUBSTANCES

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##### 6.3.2 Classification of infectious substances

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###### 6.3.2.3.7 Except for:

a) medical waste (UN 3291);

b) medical devices or equipment contaminated with or containing infectious substances in Category A (UN 2814 or UN 2900); and

c) medical devices or equipment contaminated with or containing other dangerous goods that meet the definition of another hazard class.

medical devices or equipment potentially contaminated with or containing infectious substances which are being transported for disinfection, cleaning, sterilization, repair, or equipment evaluation are not subject to the provisions of these Instructions if packed in packagings designed and constructed in such a way that, under normal conditions of transport, they cannot break, be punctured or leak their contents. Packagings must be designed to meet the construction requirements listed in 6:3.

6.3.2.3.7.1 These packagings must meet the general packing requirements of 4:1.1.1, 4:1.1.3.1 and 4:1.1.4 (with the exception of 4:1.1.4.1). In case the medical devices or equipment are contaminated with or containing liquid infectious substances, sufficient absorbent material must be added to absorb the entire contents. In case the outer packaging is not liquid tight, a means of containing the liquid in the event of leakage must be provided in the form of a leakproof liner, plastic bag or other equally effective means of containment. These packagings must be capable of retaining the medical devices and equipment when dropped from a height of 1.2 m.

6.3.2.3.7.2 Packages must be marked "Used medical device" or "Used medical equipment". When an overpack is used, it must be marked with the words "Used medical device" or "Used medical equipment" and the word "overpack" unless the markings are visible.

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