



## **DANGEROUS GOODS PANEL (DGP)**

### **TWENTY-FIRST MEETING**

**Montréal, 5 to 16 November 2007**

**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**

### **SPECIAL PROVISION A153 AND PACKING INSTRUCTION 203**

(Presented by K. Vermeersch)

#### **SUMMARY**

This working paper proposes amendments to the Technical Instructions in order to address inconsistencies between provisions in Packing Instructions 203/Y203 and Special Provision A153.

Action by the DGP is in paragraph 2.

## **1. INTRODUCTION**

1.1 Special provision A153 specifies that plastic aerosols of a capacity greater than 120 mL are permitted only when the propellant is non-flammable and non-toxic and the contents are not dangerous goods in accordance with the provisions of the Technical Instructions. Packing Instructions 203 and Y203, however, allow only plastic aerosols with a capacity greater than 120 ml when containing non-flammable and non-toxic gas and contents. This would mean that packing Instructions 203 and Y 203 are less restrictive than Special Provision A153. While a plastic aerosol of 200 mL containing a non-flammable gas and a corrosive substance of Packing Group III would be forbidden for transport in compliance with special provision A153, it would be allowed for transport in compliance with the current packing instructions because the contents are non- flammable and non- toxic.

1.2 No restrictions and quantity limitations exist for plastic aerosols if the propellant is a non-flammable gas but with oxidizing properties such as oxygen.

1.3 Quantity limitations are specified for plastic aerosols if the propellant is a toxic gas (max 120 mL) but in reality gases of Division 2.3 must be not be used as a propellant in an aerosol as specified in the Part 2;2.5.1 d) of the Technical Instructions.

## 2. ACTION BY THE DGP

2.1 The DGP is invited to:

- a) *delete* special provision A153;
- b) *amend* the existing text concerning quantity limitations for plastic aerosols in Packing Instructions 203 and Y203 as follows:

...

### ***Plastic aerosols (IP.7C)***

Non-refillable plastic aerosols must not exceed:

- a) 500 mL capacity when ~~containing~~ the propellant is a non-flammable, non-toxic gas and without a subsidiary risk and the contents are not dangerous goods in accordance with the provisions of the Technical Instructions; or
- b) 120 mL capacity ~~when containing flammable and/or toxic gas and contents~~ in all other cases.

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