



WORKING PAPER

DANGEROUS GOODS PANEL (DGP)

TWENTY-SECOND MEETING

Montréal, 5 to 16 October 2009

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 2011-2012 Edition

TRANSPORT OF MUSEUM SPECIMENS

(Presented by D. Brennan)

SUMMARY

This working paper proposes that a special provision be added to Part 3.3 of the *Technical Instructions for the Safe Transport of Dangerous Goods by Air* (Doc 9284) to except from the provisions the preparation and transport of various museum specimens preserved and packed with small quantities of flammable liquids.

Action by the DGP: The DGP is invited to consider the adoption of a new Special provision that would be assigned to the entries for UN 1170, **Ethanol**, **Ethanol solution**, **Ethyl alcohol**, and **Ethyl alcohol solution**, UN 1987 **Alcohols, n.o.s.** (denatured ethanol) and UN 1219, **Isopropanol** and **Isopropyl alcohol**, as presented in the appendix.

1. INTRODUCTION

1.1 At the DGP Working Group of the Whole Meeting in Auckland (DGP-WG09, 4 to 8 May 2009) a paper was presented that identified the issues associated with movement of museum specimens that are packed with small quantities of flammable liquid preservatives (DGP/22-WP/3, paragraph 3.2.12).

1.2 There was some support for the proposal as presented, although there were comments provided that indicated that the wording of the proposed special provision needed some improvement to clarify the intent and application of the special provision.

1.3 Following DGP-WG09 the wording of the proposed special provision was revised to take into account the concerns expressed at DGP-WG09.

APPENDIX

AMENDMENTS TO THE TECHNICAL INSTRUCTIONS

Part 3

DANGEROUS GOODS LIST,
SPECIAL PROVISIONS AND
LIMITED AND EXCEPTED QUANTITIES

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Chapter 3

SPECIAL PROVISIONS

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Table 3-2. Special provisions

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Axxx Museum specimens, such as specimens of mammals, birds, amphibians and reptiles, fishes, insects and other invertebrates containing small quantities of UN 1170, UN 1987 or UN 1219 are not subject to these Instructions provided the following packing and marking requirements are met:

- a) specimens are:
 - 1) wrapped in paper towel and/or cheesecloth moistened with alcohol or an alcohol solution and then placed plastic bag that is heat-sealed. Any free liquid in the bag must not exceed 30 mL; or
 - 2) placed in vials or other rigid containers with no more than 30 mL of alcohol or an alcohol solution;
- b) the prepared specimens are then placed in a plastic bag that is then heat-sealed;
- c) the bagged specimens are then placed inside a another plastic bag with absorbent material then heat sealed;
- d) the finished bag is then placed in a strong outer packaging with suitable cushioning material;
- e) the completed package is marked "scientific research specimens, not restricted, Special Provision Axxx applies".

The words "not restricted" and the special provision Axxx must be provided on the air waybill when an air waybill is issued.