



**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**

**AEROSOLS IN CONSUMER COMMODITIES AS EXCEPTED QUANTITIES**

(Presented by G. A. Leach)

**SUMMARY**

This paper proposes the addition of text within Part 3;5.1.2 of the *Technical Instructions for the Safe Transport of Dangerous Goods by Air* (Doc 9284) to prohibit aerosols consigned as consumer commodities from being carried as excepted quantities.

**Action by the DGP:** The DGP is invited to amend Part 3;5.1.2 as shown in the appendix.

**1. INTRODUCTION**

1.1 Within Table 3-1 of the Technical Instructions, all of the entries for aerosols that are not forbidden to be carried on aircraft show the code “E0” in column 9, indicating that they are not permitted to be carried as excepted quantities, in accordance with Table 3-3 of the Technical Instructions.

1.2 Aerosols that are non-toxic may be consigned under the proper shipping **Consumer commodity** in accordance with Special Provision A112, however column 9 in Table 3-1 shows the code “E3” against Consumer commodity. Therefore, although aerosols consigned as UN 1950 are not permitted as excepted quantities, by assigning those same aerosols to ID8000, they can be sent as excepted quantities.

1.3 It is suggested that this is inconsistent and not appropriate and an amendment should be made to the provisions of Part 3;5.1 of the Technical Instructions to not permit aerosols consigned as ID8000 to be sent as excepted quantities.

1.4 Taking such action should not affect the carriage of aerosols in Division 2.2 without subsidiary risk, since any such aerosols with a capacity not exceeding 50 ml are not subject to the Technical Instructions anyway in accordance with Special Provision A98. Therefore, only aerosols within Division 2.2 with a subsidiary risk and aerosols within Division 2.1 are likely to be affected since toxic aerosols are not permitted in consumer commodities. It should also be noted that under the 2007-2008 Edition of Technical Instructions, flammable aerosols and aerosols within Division 2.2 with a subsidiary risk were not permitted in excepted quantities.

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APPENDIX  
AMENDMENTS TO THE TECHNICAL INSTRUCTIONS

Part 3

DANGEROUS GOODS LIST,  
SPECIAL PROVISIONS AND  
LIMITED AND EXCEPTED QUANTITIES

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Chapter 5

DANGEROUS GOODS PACKED IN EXCEPTED QUANTITIES

*Parts of this Chapter are affected by State Variation JP 23; see Table A-1*

5.1 EXCEPTED QUANTITIES

5.1.2 Dangerous goods which may be carried as excepted quantities in accordance with this chapter are shown in column 9 of the dangerous goods list by means of an alphanumeric code as indicated in Table 3-3 below:

Table 3-3. Excepted quantity codes for Table 3-1

Code	Maximum quantity per inner packaging	Maximum quantity per outer packaging
E0	Not permitted as Excepted Quantity	
E1	30 g/30 mL	1 kg/1 L
E2	30 g/30 mL	500 g/500 mL
E3	30 g/30 mL	300 g/300 mL
E4	1 g/1 mL	500 g/500 mL
E5	1 g/1 mL	300 g/300 mL

5.1.2.1 For gases, the volume indicated for inner packagings refers to the water capacity of the inner receptacle and the volume indicated for outer packagings refers to the combined water capacity of all inner packagings within a single outer package.

5.1.2.2 Aerosols consigned under the proper shipping name **Consumer commodity**, ID 8000 are not permitted under these excepted quantity provisions.

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