



WORKING PAPER

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

Rio de Janeiro, Brazil, 20 to 24 October 2014

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 2017-2018 Edition

2.8: Part 8 — Provisions Concerning Passengers and Crew

**NEW RESTRICTION FOR MEDICINAL ARTICLES CARRIED BY
PASSENGERS OR CREW**

(Presented by M. Roger)

SUMMARY

This working paper proposes that a new restriction be placed against non-radioactive medical articles in the provisions for passengers and crew in Part 8 of the Technical Instructions.

Action by the DGP-WG is in paragraph 2.

1. INTRODUCTION

1.1 On June 22, 2012, an Airbus A320-200 was enroute from Almaty (Kazakhstan) to Baku (Azerbaijan) with 104 passengers when about halfway into the flight the crew received an aft cargo smoke indication and decided to divert to Shymkent (Kazakhstan), where the aircraft landed safely following activation of the Halon fire suppression system.

1.2 The subsequent investigation revealed that potassium permanganate had reacted with glycerin in a passenger's bag to start a fire. A passenger was carrying these commodities as "medicinal articles".

2. **ACTION BY THE DGP-WG**

2.1 The DGP-WG is invited to consider adding a restriction against non-radioactive medicinal articles in Part 8 of the Technical Instructions that are oxidizing agents and have the potential of starting a fire as shown in the appendix to this working paper.

APPENDIX

PROPOSED AMENDMENT TO PART 8 OF THE TECHNICAL INSTRUCTIONS

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Part 8

PROVISIONS CONCERNING
PASSENGERS AND CREW

Chapter 1

PROVISIONS FOR DANGEROUS GOODS
CARRIED BY PASSENGERS OR CREW

Parts of this Chapter are affected by State Variations US 15; see Table A-1

1.1 DANGEROUS GOODS CARRIED BY PASSENGERS OR CREW

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Table 8-1. Provisions for dangerous goods carried by passengers or crew

Items or articles	Location			Approval of the operator(s) is required	The pilot-in-command must be informed	Restrictions
	Checked baggage	Carry-on baggage	On the person			
Medical necessities						
...						
3) Non-radioactive medicinal articles (including aerosols)	Yes	Yes	Yes	No	No	a) no more than 0.5 kg or 0.5 L total net quantity per single article; b) release valves on aerosols must be protected by a cap or other suitable means to prevent inadvertent release of the contents; and c) no more than 2 kg or 2 L total net quantity of all articles mentioned in 3), 10) and 13) (e.g. four aerosol cans of 500 mL each) per person. d) <u>oxidizing agents capable of starting a fire after leaking are forbidden.</u>
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