



WORKING PAPER

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

Montréal, 15 to 19 October 2012

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 2015-2016 Edition

2.8: Part 8 — Provisions Concerning Passengers and Crew

PACEMAKERS

(Presented by G A Leach)

SUMMARY

This paper proposes to clarify the requirements for cardiac pacemakers carried by passengers.

Action by the DGP-WG is in paragraph 2.

1. INTRODUCTION

1.1 Table 8-1, item 4) of the Technical Instructions provides for passengers to “carry” cardiac pacemakers (containing radioactive material and lithium batteries) if they are implanted into a person. An operator in the United Kingdom was faced with a situation involving a passenger who had an external pacemaker (i.e. not implanted in their body) containing lithium batteries which technically is not provided for by Table 8-1, item 4). This type of pacemaker is apparently used for some types of cardiac complaint. The passenger was allowed to travel on the basis the pacemaker was a “portable electronic device” (Table 8-1, item 19), Part 1;1.1.4.1 could also have been used) but it is suggested it would be more appropriate for the current provision relating to pacemakers to take account of these devices. It is suggested a small amendment to Table 8-1 would resolve the issue.

2. ACTION BY THE DGP-WG

2.1 The DGP-WG is invited to amend Table 8-1 of the Technical Instructions as shown in the appendix to this working paper.

APPENDIX

PROPOSED AMENDMENT TO PART 8 OF THE TECHNICAL INSTRUCTIONS

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 CH 1, 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						
...						
4) Radioisotopic cardiac pacemakers or other devices, including those powered by lithium batteries implanted into a person	n/a	n/a	Yes	No	No	Must be implanted into a person <u>or fitted externally</u> as the result of medical treatment.
Radio-pharmaceuticals contained within the body of a person	n/a	n/a	Yes	No	No	Must be as the result of medical treatment.
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