



WORKING PAPER

**DANGEROUS GOODS PANEL (DGP)
WORKING GROUP MEETING (DGP-WG/17)**

Montreal, 24 to 28 April 2017

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 2019-2020 Edition

2.7: Part 7 — Operator's Responsibilities

DANGEROUS GOODS NOT REQUIRED TO APPEAR IN THE INFORMATION TO THE PILOT-IN-COMMAND

(Presented by B. Carrara)

SUMMARY

This working paper proposes an amendment to Table 7-9 regarding the notification to the pilot-in-command in case of transporting UN 2807 — **Magnetized material**

Action by the DGP-WG: The DGP is invited to revise Table 7-9 of the Technical Instructions to fix an inconsistency regarding the information to the pilot-in-command during the transport of UN 2807.

1. INTRODUCTION

1.1 Part 7.4, Table 7-9 of the Technical Instructions lists dangerous goods that do not need to appear with the information to the pilot-in-command. At the sixteenth working group meeting of the Dangerous Goods Panel (DGP-WG/16, Montreal, 17 to 21 October 2016), a working paper was presented asking the working group to decide whether UN 2807 — **Magnetized material** needs to be listed in Table 7-9 and if the text in the table needs to be clarified (see paragraph 3.2.7.5 of the DGP-WG/16 Report).

1.2 At that time, it was decided that an amendment would be developed to address the need for extra requirements and the apparent inconsistencies in the Technical Instructions.

1.3 Table 7-9 lists UN 2807 — **Magnetized material** as one of the items of dangerous goods that do not need to appear with the information to the pilot-in-command in accordance with Packing Instruction 953.

1.4 On the other hand, Packing Instruction 953 splits UN 2807 into two categories:

- a) Magnetized materials with field strengths causing a compass deflection of more than 2 degrees at a distance of 2.1 m but not more than 2 degrees at a distance of 4.6 m; and
- b) Magnetized material with a field strength sufficient to cause a compass deflection of more than 2 degrees at a distance of 4.6 m.

1.5 According to Packing Instruction 953, only magnetized materials with field strengths causing a compass deflection of more than 2 degrees at a distance of 2.1 m but not more than 2 degrees at a distance of 4.6 m are relieved from appearing with the information provided to the pilot-in-command.

1.6 Table 7-9 does not mention this particularity, showing all magnetized materials under UN 2807 as if it does not need to appear with the information provided to the pilot-in-command.

1.7 By looking at Table 7-9, one can note that there are a few entries where the middle column describes a particularity of a specific item of dangerous goods. As an example, for UN 3481 — **Lithium ion batteries contained in equipment**, that column explicitly states that this item of dangerous goods is not required to appear with the information to the pilot-in-command “when meeting the requirements of Packing Instruction 967, Section II”.

1.8 We face a similar situation for magnetized material. That means there is a particularity for this item of dangerous good that originates from a packing instruction.

1.9 For the entries related to lithium ion and lithium metal batteries, there is additional text to explain the situation where the dangerous goods are not required to appear with the information to the pilot-in-command. For UN 2807 — **Magnetized material**, there is a lack of information that causes the inconsistencies discussed during DGP-WG/16.

1.10 We understand that Table 7-9 needs to be amended.

2. ACTION BY THE DGP-WG

2.1 The DGP-WG is invited to revise Table 7-9 as shown in the appendix to this working paper.

APPENDIX

PROPOSED AMENDMENT TO PART 7 OF THE TECHNICAL INSTRUCTIONS

Part 7

OPERATOR'S RESPONSIBILITIES

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Chapter 4

PROVISION OF INFORMATION

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4.1 INFORMATION TO THE PILOT-IN-COMMAND

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Table 7-9. Dangerous goods not required to appear in the information to the pilot-in-command

<i>UN Number</i>	<i>Item</i>	<i>Reference</i>
n/a	Dangerous goods packed in excepted quantities	3;5.1.1
UN 2807	Magnetized material with field strengths causing a compass deflection of not more than 2 degrees at a distance of 4.6 m	Packing Instruction 953
UN 2908	Radioactive material, excepted package — empty packaging	1;6.1.5.1 a)
UN 2909	Radioactive material, excepted package — articles manufactured from natural uranium or depleted uranium or natural thorium	1;6.1.5.1 a)
UN 2910	Radioactive material, excepted package — limited quantity of material	1;6.1.5.1 a)
UN 2911	Radioactive material, excepted package — instruments or articles	1;6.1.5.1 a)
UN 3090	Lithium metal batteries (including lithium alloy batteries) when meeting the requirements of Packing Instruction 968, Section II	Packing Instruction 968, Section II
UN 3091	Lithium metal batteries contained in equipment (including lithium alloy batteries) when meeting the requirements of Packing Instruction 970, Section II	Packing Instruction 970, Section II
UN 3091	Lithium metal batteries packed with equipment (including lithium alloy batteries) when meeting the requirements of Packing Instruction 969, Section II	Packing Instruction 969, Section II
UN 3245	Genetically modified micro-organisms	Packing Instruction 959
UN 3245	Genetically modified organisms	Packing Instruction 959
UN 3373	Biological substance, Category B	Packing Instruction 650, sub-paragraph 11
UN 3480	Lithium ion batteries (including lithium ion polymer batteries) when meeting the requirements of Packing Instruction 965, Section II	Packing Instruction 965, Section II
UN 3481	Lithium ion batteries contained in equipment (including lithium ion polymer batteries) when meeting the requirements of Packing Instruction 967, Section II	Packing Instruction 967, Section II
UN 3481	Lithium ion batteries packed with equipment (including lithium ion polymer batteries) when meeting the requirements of Packing Instruction 966, Section II	Packing Instruction 966, Section II

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